

CERTIFICATE

By Authority Of THE UNITED STATES OF AMERICA Legally Binding Document

By the Authority Vested By Part 5 of the United States Code § 552(a) and Part 1 of the Code of Regulations § 51 the attached document has been duly INCORPORATED BY REFERENCE and shall be considered legally binding upon all citizens and residents of the United States of America. HEED THIS NOTICE: Criminal penalties may apply for noncompliance.



Document Name: IMO IMDG.2: International Maritime Dangerous Goods Code (Volume 2)

CFR Section(s): 49 CFR 172.519(f)

Standards Body: International Maritime Organization



Official Incorporator:

THE EXECUTIVE DIRECTOR
OFFICE OF THE FEDERAL REGISTER
WASHINGTON, D.C.



IMDG CODE

INTERNATIONAL MARITIME DANGEROUS GOODS CODE VOLUME 2

IMDG CODE IMDG CODE IMDG CODE IMDG CODE IMDG CODE 2006 EDITION IMDG CODE

Volume
2

IMO



INTERNATIONAL
MARITIME
ORGANIZATION

LABELS, MARKS AND SIGNS

Labels of class

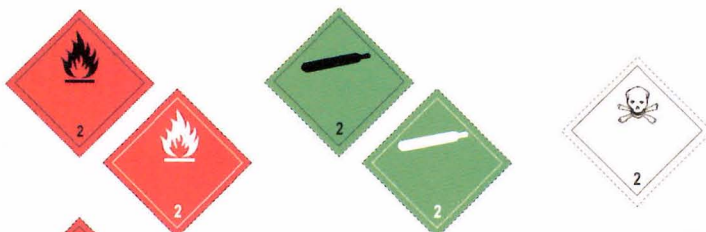
1



** Place for division – to be left blank if explosive is the subsidiary risk.
* Place for compatibility group – to be left blank if explosive is the subsidiary risk.

Labels of class

2



Labels of class

3



Labels of class

4



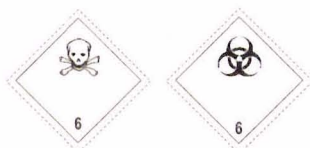
Labels of class

5



Labels of class

6



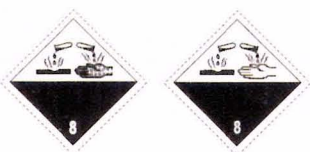
Labels of class

7



Labels of class

8



Labels of class

9



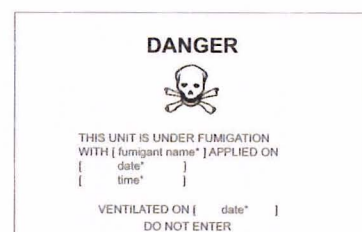
**MARINE POLLUTANT
Mark**



**ELEVATED
TEMPERATURE
Mark**

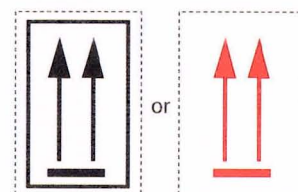


**FUMIGATION
WARNING
Sign**



* Insert details as appropriate

**ORIENTATION
Label**



For further information on the use of labels, marks and signs, see part 5 of the IMDG Code.

IMDG **CODE**

2006 Edition

INTERNATIONAL MARITIME DANGEROUS GOODS CODE

Incorporating Amendment 33-06

volume **2**



INTERNATIONAL
MARITIME
ORGANIZATION

London, 2006

Published in 2006
by the INTERNATIONAL MARITIME ORGANIZATION
4 Albert Embankment, London SE1 7SR

Printed in the United Kingdom by Polestar Wheatons Ltd, Exeter

2 4 6 8 10 9 7 5 3 1

ISBN-13: 978-92-801-4214-3
ISBN-10: 92-801-4214-3

IMO PUBLICATION
Sales number: IF200E

Copyright © International Maritime Organization 2006

All rights reserved.
No part of this publication may be reproduced,
stored in a retrieval system or transmitted in any form
or by any means without prior permission in writing
from the International Maritime Organization.

Contents

Volume 2

Page

PART 1 – GENERAL PROVISIONS, DEFINITIONS AND TRAINING

See Volume 1

PART 2 – CLASSIFICATION

See Volume 1

PART 3 – DANGEROUS GOODS LIST AND LIMITED QUANTITIES EXCEPTIONS

Chapter 3.1 General

3.1.1 Scope and general provisions	3
3.1.2 Proper Shipping Names	4
3.1.3 Mixtures and solutions containing one dangerous substance	5
3.1.4 Segregation groups	5

Chapter 3.2 Dangerous Goods List

3.2.1 Structure of the Dangerous Goods List	20
3.2.2 Abbreviations and symbols	22

Chapter 3.3 Special provisions applicable to certain substances, materials or articles

187

Chapter 3.4 Limited quantities

3.4.1 General	203
3.4.2 Packing	203
3.4.3 Stowage	203
3.4.4 Segregation	203
3.4.5 Marking and labelling	203
3.4.6 Documentation	204
3.4.7 Exemptions	204
3.4.8 Marine pollutants	204

PART 4 – PACKING AND TANK PROVISIONS

See Volume 1

PART 5 – CONSIGNMENT PROCEDURES

See Volume 1

PART 6 – CONSTRUCTION AND TESTING OF PACKAGINGS, INTERMEDIATE BULK CONTAINERS (IBCs), LARGE PACKAGINGS, PORTABLE TANKS, MULTIPLE-ELEMENT GAS CONTAINERS (MEGCs) AND ROAD TANK VEHICLES

See Volume 1

PART 7 – PROVISIONS CONCERNING TRANSPORT OPERATIONS

See Volume 1

APPENDIX A – LIST OF GENERIC AND N.O.S. PROPER SHIPPING NAMES	207
---	-----

APPENDIX B – GLOSSARY OF TERMS	221
--------------------------------	-----

INDEX	231
-------	-----



PART 3

DANGEROUS GOODS LIST
AND
LIMITED QUANTITIES EXCEPTIONS

Chapter 3.1

General

3.1.1 Scope and general provisions

- 3.1.1.1** The Dangerous Goods List in chapter 3.2 lists many of the dangerous goods most commonly transported. The list includes entries for specific chemical substances and articles and generic or “not otherwise specified” entries. Since it is not practical to include a separate entry for every chemical substance or article of commercial importance specifically by name, especially names for mixtures and solutions of various chemical constituents and concentrations, the Dangerous Goods List also includes generic or “not otherwise specified” names (e.g. EXTRACTS, FLAVOURING, LIQUID, UN 1197 or FLAMMABLE LIQUID, N.O.S., UN 1993). On this basis, the Dangerous Goods List is intended to include an appropriate name or entry for any dangerous good which may be transported.
- 3.1.1.2** Where a dangerous good is specifically listed by name in the Dangerous Goods List, it shall be transported in accordance with the provisions in the List which are appropriate for that dangerous good. A generic or “not otherwise specified” entry may be used to permit the transport of substances, materials or articles which do not appear specifically by name in the Dangerous Goods List. Such a dangerous good may be transported only after its dangerous properties have been determined. Dangerous goods shall be classified according to the class definitions, tests and criteria. The name which most appropriately describes the dangerous goods shall be used. Only when the specific name of the dangerous goods does not appear in the Dangerous Goods List or the associated primary or subsidiary hazards assigned to it are not appropriate may a generic or “not otherwise specified” name be used. The classification shall be made by the shipper/consignor or by the appropriate competent authority where so specified in the Code. Once the class of the dangerous good has been so established, all conditions for transport, as provided in this Code, shall be met. Any dangerous good having or suspected of having explosive characteristics shall first be considered for inclusion in class 1. Some collective entries may be of the generic or “not otherwise specified” type provided that the Code contains provisions ensuring safety, both by excluding extremely dangerous goods from normal transport and by covering all subsidiary risks inherent in some goods.
- 3.1.1.3** Inherent instability in goods may take different dangerous forms, for example explosion, polymerization with intense evolution of heat or emission of flammable, toxic, corrosive or asphyxiant gases. The Dangerous Goods List indicates that certain dangerous goods, or dangerous goods in a specific form, concentration or state, are prohibited for transport by sea. This means that the goods specified are not suitable for transport by sea under normal conditions of transport. This does not mean that such goods may not be transported under any circumstances. For most goods, such inherent instability can be controlled by suitable packaging, dilution, stabilization, addition of an inhibitor, temperature control or other measures.
- 3.1.1.4** Where precautionary measures are laid down in the Dangerous Goods List in respect of a given dangerous good (such as that it shall be “stabilized” or “with x% water or phlegmatizer”), such dangerous good may not normally be transported when these measures have not been taken, unless the item in question is listed elsewhere (such as class 1) without any indication of, or with different, precautionary measures.
- 3.1.1.5** Certain substances, by the nature of their chemical composition, tend to polymerize or otherwise react in a dangerous manner under certain conditions of temperature or in contact with a catalyst. Mitigation of this tendency can be carried out either by requiring special transport conditions or by adding adequate amounts of chemical inhibitors or stabilizers to the product. These products shall be sufficiently stabilized to prevent any dangerous reaction during the intended voyage. If this cannot be ensured, the transport of such products is prohibited.
- 3.1.1.6** Where the contents of a portable tank is to be transported heated, the transport temperature is to be maintained during the intended voyage unless it is established that crystallization or solidification on cooling would not result in instability, which can occur with some stabilized or inhibited products.

3.1.2 Proper Shipping Names

Note 1: The Proper Shipping Names of the dangerous goods are those listed in chapter 3.2, Dangerous Goods List. Synonyms, secondary names, initials, abbreviations of names, etc. have been included in the Index to facilitate the search for the Proper Shipping Name (see part 5, Consignment Procedures). Where, in this Code, the term “Proper Shipping Name” is used, it is the “correct technical name” required by regulation 4 of Annex III of MARPOL 73/78, as amended.

Note 2: For Proper Shipping Names to be used for dangerous goods shipped as limited quantities, see 3.4.5 and 3.4.6.

Note 3: For Proper Shipping Names to be used for transport of samples, see 2.0.4. For Proper Shipping Names to be used for transport of wastes, see 5.4.1.4.3.3.

3.1.2.1 The Proper Shipping Name is that portion of the entry most accurately describing the goods in the Dangerous Goods List, which is shown in upper-case characters (plus any numbers, Greek letters, ‘sec’, ‘tert’, and the letters *m*, *n*, *o*, *p*, which form an integral part of the name). An alternative Proper Shipping Name may be shown in brackets following the main Proper Shipping Name (such as ETHANOL (ETHYL ALCOHOL)). Portions of an entry appearing in lower case need not be considered as part of the Proper Shipping Name but may be used.

3.1.2.2 When conjunctions such as “and” or “or” are in lower case or when segments of the name are punctuated by commas, the entire name of the entry need not necessarily be shown in the transport document or package markings. This is the case particularly when a combination of several distinct entries are listed under a single UN Number. Examples illustrating the selection of the Proper Shipping Name for such entries are:

.1 UN 1057 LIGHTERS or LIGHTER REFILLS – The Proper Shipping Name is the most appropriate of the following possible combinations:

LIGHTERS

LIGHTER REFILLS;

.2 UN 2583 ALKYL SULPHONIC or ARYL SULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid – The Proper Shipping Name is the most appropriate of the following:

ALKYL SULPHONIC ACIDS, SOLID

ARYL SULPHONIC ACIDS, SOLID;

.3 UN 2793 FERROUS METAL BORINGS, SHAVINGS, TURNINGS or CUTTINGS in a form liable to self-heating. The Proper Shipping Name is the most appropriate of the following combinations:

FERROUS METAL BORINGS

FERROUS METAL SHAVINGS

FERROUS METAL TURNINGS

FERROUS METAL CUTTINGS.

3.1.2.3 Proper Shipping Names may be used in the singular or plural as appropriate. In addition, when qualifying words are used as part of the Proper Shipping Name, their sequence on documentation or packages is optional. Commercial or military names for goods of class 1, which contain the Proper Shipping Name supplemented by additional text, may be used.

3.1.2.4 Many substances have an entry for both the liquid and solid state (see definitions for liquid and solid in 1.2.1), or for the solid and solution. These are allocated separate UN numbers which are not necessarily adjacent to each other. Details are provided in the alphabetical index, e.g.:

NITROXYLENES, LIQUID – 6.1 1665

NITROXYLENES, SOLID – 6.1 3447.

3.1.2.5 Where it is not already included, the qualifying word “MOLTEN” shall be added to the Proper Shipping Name when a substance which is solid in accordance with the definition in 1.2.1 is offered for transport in the molten state (such as ALKYLPHENOL, SOLID, N.O.S., MOLTEN). For elevated temperature substances, see 5.4.1.4.3.4.

3.1.2.6 Except for self-reactive substances and organic peroxides and unless it is already included in capital letters in the name indicated in the Dangerous Goods List, the word STABILIZED shall be added as part of the Proper Shipping Name of the substance which without stabilization would be forbidden from transport in accordance with 1.1.4 due to it being liable to dangerously react under conditions normally encountered in transport (such as TOXIC LIQUID, ORGANIC, N.O.S., STABILIZED). When temperature control is used to stabilize such substances to prevent the development of any dangerous excess pressure, then:

.1 For liquids: where the SADT is less than or equal to 50°C, the provisions of 7.7.5 shall apply;

.2 For gases: the conditions of transport shall be approved by the competent authority.

3.1.2.7 Hydrates may be transported under the Proper Shipping Name for the anhydrous substance.

3.1.2.8 Generic or “not otherwise specified” (N.O.S.) entries

3.1.2.8.1 Generic and “not otherwise specified” Proper Shipping Names that are assigned to special provision 274 in column 6 of the Dangerous Goods List shall be supplemented with the technical or chemical group names unless a national law or international convention prohibits its disclosure if it is a controlled substance. For explosives of class 1, the dangerous goods description may be supplemented by additional descriptive text to indicate commercial or military names. Technical and chemical group names shall be entered in brackets immediately following the Proper Shipping Name. An appropriate modifier, such as “contains” or “containing” or other qualifying words such as “mixture”, “solution”, etc., and the percentage of the technical constituent may also be used. For example: “UN 1993 Flammable liquid, n.o.s. (contains xylene and benzene), 3, PG II”.

3.1.2.8.1.1 The technical name shall be a recognized chemical or other name currently used in scientific and technical handbooks, journals and texts. Trade names shall not be used for this purpose. In the case of pesticides, only ISO common name(s), other name(s) in the WHO Recommended Classification of

Pesticides by Hazard and Guidelines to Classification, or the name(s) of the active substance(s) may be used.

3.1.2.8.1.2 When a mixture of dangerous goods is described by one of the “N.O.S” or “generic” entries to which special provision 274 has been allocated in the Dangerous Goods List, not more than the two constituents which most predominantly contribute to the hazard or hazards of a mixture need to be shown, excluding controlled substances when their disclosure is prohibited by national law or international convention. If a package containing a mixture is labelled with any subsidiary risk label, one of the two technical names shown in brackets shall be the name of the constituent which compels the use of the subsidiary risk label.

3.1.2.8.1.3 If a package contains a marine pollutant, the recognized chemical name of the marine pollutant needs to be shown.

3.1.2.8.1.4 Examples illustrating the selection of the Proper Shipping Name supplemented with the technical name of goods for such N.O.S. entries are:

UN 2902 PESTICIDE, LIQUID, TOXIC, N.O.S. (drazoxolon)

UN 3394 ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE (trimethylgallium).

3.1.3 Mixtures and solutions containing one dangerous substance

3.1.3.1 A mixture or solution containing one dangerous substance identified by name in the Dangerous Goods List and one or more non-dangerous substances shall be shipped in accordance with the provisions for the dangerous substance except when:

- .1 the mixture or solution is specifically listed elsewhere in this Code; or
- .2 the entry in this Code for the dangerous substance specifically indicates that it applies only to the pure or technically pure substance; or
- .3 the class, physical state or packing group of the mixture or solution is not the same as that of the dangerous substance; or
- .4 there is a significant change in the measures to be taken in an emergency.

3.1.3.2 For mixtures and solutions subject to 3.1.3.1, the qualifying word “SOLUTION” or “MIXTURE”, as appropriate, shall be part of the Proper Shipping Name, such as “ACETONE SOLUTION”, “BUTANE MIXTURE”. In addition, the concentration of the solution or mixture may also be indicated, such as “ACETONE 75% SOLUTION”.

3.1.3.3 A mixture or solution, containing one or more substances identified by name in this Code or classified under an N.O.S. or generic entry and one or more substances not subject to the provisions of this Code, is not subject to the provisions of this Code if the hazard characteristics of the mixture or solution are such that they do not meet the criteria (including human experience criteria) for any class.

3.1.4 Segregation groups

3.1.4.1 For the purpose of segregation, dangerous goods having certain similar chemical properties have been grouped together in segregation groups, see 7.2.1. Where, in the Dangerous Goods List entry in column 16 (stowage and segregation), a particular segregation requirement refers to a group of substances, the particular segregation requirement applies to the goods allocated to the respective segregation group.

Part 3 – Dangerous Goods List and limited quantities exceptions

3.1.4.2 It is recognized that not all substances falling within a segregation group are listed in the IMDG Code by name. These substances are shipped under N.O.S. entries. Although these N.O.S. entries are not themselves listed in the above groups, the consignor shall decide whether inclusion under the segregation group is appropriate and, if so, shall mention that fact in the transport document (see 5.4.1.5.11). Mixtures, solutions or preparations containing substances falling within a segregation group and shipped under an N.O.S. entry are considered to fall within that segregation group.

3.1.4.3 The segregation groups in this Code do not cover substances which fall outside the classification criteria of the Code. It is recognized that some non-hazardous substances have similar chemical properties as substances listed in the segregation groups. A shipper or the person responsible for packing the goods into a cargo transport unit who does have knowledge of the chemical properties of such non-dangerous goods may decide to implement the segregation provisions of a related segregation group on a voluntary basis.

3.1.4.4 The following segregation groups are identified.

1 Acids

1052	Hydrogen fluoride, anhydrous*
1182	Ethyl chloroformate
1183	Ethyl dichlorosilane
1238	Methyl chloroformate
1242	Methyl dichlorosilane
1250	Methyl trichlorosilane
1295	Trichlorosilane
1298	Trimethylchlorosilane
1305	Vinyltrichlorosilane
1572	Cacodylic acid
1595	Dimethyl sulphate
1715	Acetic anhydride
1716	Acetyl bromide
1717	Acetyl chloride
1718	Butyl acid phosphate
1722	Allyl chloroformate
1723	Allyl iodide
1724	Allyl trichlorosilane, stabilized
1725	Aluminium bromide, anhydrous
1726	Aluminium chloride, anhydrous
1727	Ammonium hydrogendifluoride, solid
1728	Amyl trichlorosilane
1729	Anisoyl chloride
1730	Antimony pentachloride, liquid
1731	Antimony pentachloride solution
1732	Antimony pentafluoride
1733	Antimony trichloride
1736	Benzoyl chloride
1737	Benzyl bromide
1738	Benzyl chloride
1739	Benzyl chloroformate
1740	Hydrogendifluorides, n.o.s.
1742	Boron trifluoride acetic acid complex, liquid
1743	Boron trifluoride propionic acid complex, liquid
1744	Bromine or bromine solution
1745	Bromine pentafluoride
1746	Bromine trifluoride
1747	Butyl trichlorosilane
1750	Chloroacetic acid solution

1751	Chloroacetic acid, solid
1752	Chloroacetyl chloride
1753	Chlorophenyltrichlorosilane
1754	Chlorosulphonic acid (with or without sulphur trioxide)
1755	Chromic acid solution
1756	Chromic fluoride, solid
1757	Chromic fluoride solution
1758	Chromium oxychloride
1762	Cyclohexenyltrichlorosilane
1763	Cyclohexyltrichlorosilane
1764	Dichloroacetic acid
1765	Dichloroacetyl chloride
1766	Dichlorophenyltrichlorosilane
1767	Diethyldichlorosilane
1768	Difluorophosphoric acid, anhydrous
1769	Diphenyldichlorosilane
1770	Diphenylmethyl bromide
1771	Dodecyltrichlorosilane
1773	Ferric chloride, anhydrous
1775	Fluoroboric acid
1776	Fluorophosphoric acid, anhydrous
1777	Fluorosulphonic acid*
1778	Fluorosilicic acid
1779	Formic acid with more than 85% acid by mass
1780	Fumaryl chloride
1781	Hexadecyltrichlorosilane
1782	Hexafluorophosphoric acid
1784	Hexyltrichlorosilane
1786	Hydrofluoric acid and sulphuric acid mixture*
1787	Hydriodic acid*
1788	Hydrobromic acid*
1789	Hydrochloric acid*
1790	Hydrofluoric acid*
1792	Iodine monochloride
1793	Isopropyl acid phosphate
1794	Lead sulphate with more than 3% free acid
1796	Nitrating acid mixture*
1798	Nitrohydrochloric acid*
1799	Nonyltrichlorosilane
1800	Octadecyltrichlorosilane
1801	Octyltrichlorosilane
1802	Perchloric acid with not more than 50% acid, by mass*
1803	Phenolsulphonic acid, liquid
1804	Phenyltrichlorosilane
1805	Phosphoric acid, liquid
1806	Phosphorus pentachloride
1807	Phosphorus pentoxide
1808	Phosphorus tribromide
1809	Phosphorus trichloride
1810	Phosphorus oxychloride

Part 3 – Dangerous Goods List and limited quantities exceptions

1811	Potassium hydrogendifluoride
1815	Propionyl chloride
1816	Propyltrichlorosilane
1817	Pyrosulphuryl chloride
1818	Silicon tetrachloride
1826	Nitrating acid mixture, spent*
1827	Stannic chloride, anhydrous
1828	Sulphur chlorides
1829	Sulphur trioxide, inhibited or sulphur trioxide, stabilized
1830	Sulphuric acid with more than 51% acid*
1831	Sulphuric acid, fuming*
1832	Sulphuric acid, spent*
1833	Sulphurous acid
1834	Sulphuryl chloride
1836	Thionyl chloride
1837	Thiophosphoryl chloride
1838	Titanium tetrachloride
1839	Trichloroacetic acid
1840	Zinc chloride solution
1848	Propionic acid with not less than 10% and 90% by mas
1873	Perchloric acid with more than 50% but not more than 72% acid, by mass*
1898	Acetyl iodide
1902	Diisooctyl acid phosphate
1905	Selenic acid
1906	Sludge acid*
1938	Bromoacetic acid solution
1939	Phosphorus oxybromide
1940	Thioglycolic acid
2031	Nitric acid, other than red fuming*
2032	Nitric acid, red fuming*
2214	Phthalic anhydride with more than 0.05% of maleic anhydride
2215	Maleic anhydride
2218	Acrylic acid, inhibited
2225	Benzenesulphonyl chloride
2226	Benzotrichloride
2240	Chromosulphuric acid*
2262	Dimethylcarbamoyl chloride
2267	Dimethyl thiophosphoryl chloride
2305	Nitrobenzenesulphonic acid
2308	Nitrosylsulphuric acid, liquid*
2331	Zinc chloride, anhydrous
2353	Butyryl chloride
2395	Isobutyryl chloride
2407	Isopropyl chloroformate
2434	Dibenzylidichlorosilane
2435	Ethylphenyldichlorosilane
2437	Methylphenyldichlorosilane
2438	Trimethylacetyl chloride
2439	Sodium hydrogendifluoride
2440	Stannic chloride pentahydrate

2442	Trichloroacetyl chloride
2443	Vanadium oxytrichloride
2444	Vanadium tetrachloride
2475	Vanadium trichloride
2495	Iodine pentafluoride
2496	Propionic anhydride
2502	Valeryl chloride
2503	Zirconium tetrachloride
2506	Ammonium hydrogen sulphate
2507	Chloroplatinic acid, solid
2508	Molybdenum pentachloride
2509	Potassium hydrogen sulphate
2511	2-chloropropionic acid
2513	Bromoacetyl bromide
2531	Methacrylic acid, inhibited
2564	Trichloroacetic acid solution
2571	Alkylsulphuric acids
2576	Phosphorus oxybromide, molten
2577	Phenylacetyl chloride
2578	Phosphorus trioxide
2580	Aluminium bromide solution
2581	Aluminium chloride solution
2582	Ferric chloride solution
2583	Alkylsulphonic acids, solid or arylsulphonic acids, solid with more than 5% free sulphuric acid
2584	Alkylsulphonic acids, liquid or arylsulphonic acids, liquid with more than 5% free sulphuric acid
2585	Alkylsulphonic acids, solid or arylsulphonic acids, solid with not more than 5% free sulphuric acid
2586	Alkylsulphonic acids, liquid or arylsulphonic acids, liquid with not more than 5% free sulphuric acid
2604	Boron trifluoride diethyl etherate
2626	Chloric acid, aqueous solution with not more than 10% chloric acid
2642	Fluoroacetic acid
2670	Cyanuric chloride
2691	Phosphorus pentabromide
2692	Boron tribromide
2698	Tetrahydrophthalic anhydrides with more than 0.05% of maleic anhydride
2699	Trifluoroacetic acid
2739	Butyric anhydride
2740	<i>n</i> -Propyl chloroformate
2742	Chloroformates, toxic, corrosive, flammable, n.o.s.
2743	<i>n</i> -Butyl chloroformate
2744	Cyclobutyl chloroformate
2745	Chloromethyl chloroformate
2746	Phenyl chloroformate
2748	2-Ethylhexyl chloroformate
2751	Diethylthiophosphoryl chloride
2789	Acetic acid, glacial or acetic acid solution, more than 80% acid, by mass
2790	Acetic acid solution, more than 10% but not more than 80% acid, by mass
2796	Sulphuric acid with not more than 51% acid or battery fluid, acid*
2798	Phenylphosphorus dichloride
2799	Phenylphosphorus thiodichloride

Part 3 – Dangerous Goods List and limited quantities exceptions

2802	Copper chloride
2817	Ammonium hydrogendifluoride solution
2819	Amyl acid phosphate
2820	Butyric acid
2823	Crotonic acid, solid
2826	Ethyl chlorothioformate
2829	Caproic acid
2834	Phosphorous acid
2851	Boron trifluoride dihydrate
2865	Hydroxylamine sulphate
2869	Titanium trichloride mixture
2879	Selenium oxychloride
2967	Sulphamic acid
2985	Chlorosilanes, flammable, corrosive, n.o.s.
2986	Chlorosilanes, corrosive, flammable, n.o.s.
2987	Chlorosilanes, corrosive, n.o.s.
2988	Chlorosilanes, water-reactive, flammable, corrosive, n.o.s.
3246	Methanesulphonyl chloride
3250	Chloroacetic acid, molten
3260	Corrosive solid, acidic, inorganic, n.o.s.
3261	Corrosive solid, acidic, organic, n.o.s.
3264	Corrosive liquid, acidic, inorganic, n.o.s.
3265	Corrosive liquid, acidic, organic, n.o.s.
3277	Chloroformates, toxic, corrosive, n.o.s.
3361	Chlorosilanes, toxic, corrosive, n.o.s.
3362	Chlorosilanes, toxic, corrosive, flammable, n.o.s.
3412	Formic acid with not less than 10% but not more than 85% acid by mass
3412	Formic acid with not less than 5% but not more than 10% acid by mass
3419	Boron trifluoride acetic acid complex, solid
3420	Boron trifluoride propionic acid complex, solid
3421	Potassium hydrogendifluoride solution
3425	Bromoacetic acid, solid
3453	Phosphoric acid, solid
3456	Nitrosylsulphuric acid, solid
3463	Propionic acid with not less than 90% acid by mass
3472	Crotonic acid, liquid

* identifies strong acids

2 Ammonium compounds

0004	Ammonium picrate dry or wetted with less than 10% water, by mass
0222	Ammonium nitrate, with more than 0.2% combustible substances
0402	Ammonium perchlorate
1310	Ammonium picrate, wetted with not less than 10% water, by mass
1439	Ammonium dichromate
1442	Ammonium perchlorate
1444	Ammonium persulphate
1512	Zinc ammonium nitrite
1546	Ammonium arsenate
1630	Mercury ammonium chloride
1727	Ammonium hydrogendifluoride, solid
1835	Tetramethylammonium hydroxide solution

- 1843 Ammonium dinitro-*o*-cresolate, solid
- 1942 Ammonium nitrate with not more than 0.2% combustible substances
- 2067 Ammonium nitrate based fertilizer
- 2071 Ammonium nitrate based fertilizer
- 2073 Ammonia solution, relative density < 0.880 at 15°C in water
- 2426 Ammonium nitrate, liquid (hot concentrated solution)
- 2505 Ammonium fluoride
- 2506 Ammonium hydrogen sulphate
- 2683 Ammonium sulphide solution
- 2687 Dicyclohexylammonium nitrite
- 2817 Ammonium hydrogendifluoride solution
- 2818 Ammonium polysulphide solution
- 2854 Ammonium fluorosilicate
- 2859 Ammonium metavanadate
- 2861 Ammonium polyvanadate
- 2863 Sodium ammonium vanadate
- 3375 Ammonium nitrate emulsion or suspension or gel intermediate for blasting explosives
- 3423 Tetramethylammonium hydroxide, solid
- 3424 Ammonium dinitro-*o*-cresolate solution

3 Bromates

- 1450 Bromates, inorganic, n.o.s.
- 1473 Magnesium bromate
- 1484 Potassium bromate
- 1494 Sodium bromate
- 2469 Zinc bromate
- 2719 Barium bromate
- 3213 Ammonium bromate
- 3213 Bromates, inorganic, aqueous solution, n.o.s.

4 Chlorates

- 1445 Barium chlorate, solid
- 1452 Calcium chlorate
- 1458 Chlorate and borate mixture
- 1459 Chlorate and magnesium chloride mixture, solid
- 1461 Chlorates, inorganic, n.o.s.
- 1485 Potassium chlorate
- 1495 Sodium chlorate
- 1506 Strontium chlorate
- 1513 Zinc chlorate
- 2427 Potassium chlorate, aqueous solution
- 2428 Sodium chlorate, aqueous solution
- 2429 Calcium chlorate, aqueous solution
- 2573 Thallium chlorate
- 2721 Copper chlorate
- 2723 Magnesium chlorate
- 3405 Barium chlorate solution
- 3407 Chlorate and magnesium chloride mixture solution

5 Chlorites

- 1453 Calcium chlorite
- 1462 Chlorites, inorganic, n.o.s.
- 1496 Sodium chlorite
- 1908 Chlorite solution

6 Cyanides

1541	Acetone cyanhydrin, stabilized
1565	Barium cyanide
1575	Calcium cyanide
1587	Copper cyanide
1588	Cyanides, inorganic, solid, n.o.s.
1620	Lead cyanide
1626	Mercuric potassium cyanide
1636	Mercury cyanide
1642	Mercury oxycyanide, desensitized
1653	Nickel cyanide
1679	Potassium cuprocyanide
1680	Potassium cyanide, solid
1684	Silver cyanide
1689	Sodium cyanide, solid
1694	Bromobenzyl cyanides, liquid
1713	Zinc cyanide
1889	Cyanogen bromide
1935	Cyanide solution, n.o.s.
2205	1,4-Dicyanobutane
2316	Sodium cuprocyanide, solid
2317	Sodium cuprocyanide solution
3413	Potassium cyanide solution
3414	Sodium cyanide solution
3449	Bromobenzyl cyanides, solid

7 Heavy metals and their salts (including their organometallic compounds)

0129	Lead azide, wetted, with not less than 20% water, or mixture of alcohol and water, by mass
0130	Lead styphnate (lead trinitroresorcinate), wetted with not less than 20% water, or mixture of alcohol and water, by mass
0135	Mercury fulminate, wetted with not less than 20% water, or mixture of alcohol and water, by mass
1347	Silver picrate, wetted with not less than 30% water, by mass
1366	Diethylzinc
1370	Dimethylzinc
1389	Alkali metal amalgam, liquid
1392	Alkaline earth metal amalgam, liquid
1435	Zinc ashes
1436	Zinc dust or zinc powder
1469	Lead nitrate
1470	Lead perchlorate, solid
1493	Silver nitrate
1512	Zinc ammonium nitrite
1513	Zinc chlorate
1514	Zinc nitrate
1515	Zinc permanganate
1516	Zinc peroxide
1587	Copper cyanide
1616	Lead acetate
1617	Lead arsenates
1618	Lead arsenites
1620	Lead cyanide

1623	Mercuric arsenate
1624	Mercuric chloride
1625	Mercuric nitrate
1626	Mercuric potassium cyanide
1627	Mercurous nitrate
1629	Mercury acetate
1630	Mercury ammonium chloride
1631	Mercury benzoate
1634	Mercury bromides
1636	Mercury cyanide
1637	Mercury gluconate
1638	Mercury iodide
1639	Mercury nucleate
1640	Mercury oleate
1641	Mercury oxide
1642	Mercury oxycyanide, desensitized
1643	Mercury potassium iodide
1644	Mercury salicylate
1645	Mercury sulphate
1646	Mercury thiocyanate
1649	Motor fuel anti-knock mixture
1653	Nickel cyanide
1674	Phenylmercuric acetate
1683	Silver arsenite
1684	Silver cyanide
1712	Zinc arsenate and zinc arsenite mixture
1713	Zinc cyanide
1714	Zinc phosphide
1794	Lead sulphate with > 3% free acid
1838	Titanium tetrachloride
1840	Zinc chloride solution
1872	Lead dioxide
1894	Phenylmercuric hydroxide
1895	Phenylmercuric nitrate
1931	Zinc hydrosulphite
1931	Zinc dithionite
2024	Mercury compound, liquid, n.o.s.
2025	Mercury compound, solid, n.o.s.
2026	Phenylmercuric compound, n.o.s.
2291	Lead compound, soluble, n.o.s.
2331	Zinc chlorate, anhydrous
2441	Titanium trichloride, pyrophoric or titanium trichloride mixture, pyrophoric
2469	Zinc bromate
2546	Titanium powder, dry
2714	Zinc resinate
2777	Mercury-based pesticide, solid, toxic
2778	Mercury-based pesticide, liquid, flammable, toxic
2809	Mercury
2855	Zinc fluorosilicate
2869	Titanium trichloride mixture

Part 3 – Dangerous Goods List and limited quantities exceptions

- 2878 Titanium sponge granules or titanium sponge powders
- 2881 Metal catalyst, dry
- 2989 Lead phosphite, dibasic
- 3011 Mercury-based pesticide, liquid, toxic, flammable
- 3012 Mercury-based pesticide, liquid, toxic
- 3089 Metal powder, flammable, n.o.s.
- 3174 Titanium disulphide
- 3181 Metal salts of organic compounds, flammable, n.o.s.
- 3189 Metal powder, self-heating, n.o.s.
- 3401 Alkali metal amalgam, solid
- 3402 Alkaline earth metal amalgam, solid
- 3408 Lead perchlorate solution

8 Hypochlorites

- 1471 Lithium hypochlorite
- 1748 Calcium hypochlorite mixture
- 1791 Hypochlorite solution
- 2208 Calcium hypochlorite mixture, dry with > 10% but with not less than 39% available chlorine
- 2741 Barium hypochlorite with > 22% available chlorine
- 2880 Calcium hypochlorite, hydrated or calcium hypochlorite, hydrated mixture with not less than 5.5% but not more than 16% water
- 3212 Hypochlorites, inorganic, n.o.s.
- 3255 *tert*-Butyl hypochlorite

9 Lead and its compounds

- 0129 Lead azide, wetted with not less than 20% water, or mixture of alcohol and water, by mass
- 0130 Lead styphnate, wetted with not less than 20% water, or mixture of alcohol and water, by mass
- 0130 Lead trinitroresorcinate, wetted with not less than 20% water, or mixture of alcohol and water, by mass
- 1469 Lead nitrate
- 1470 Lead perchlorate, solid
- 1616 Lead acetate
- 1617 Lead arsenates
- 1618 Lead arsenites
- 1620 Lead cyanide
- 1649 Motor fuel anti-knock mixture
- 1794 Lead sulphate with more than 3% free acid
- 1872 Lead dioxide
- 2291 Lead compound, soluble, n.o.s.
- 2989 Lead phosphide, dibasic
- 3408 Lead perchlorate solution

10 Liquid halogenated hydrocarbons

- 1099 Allyl bromide
- 1100 Allyl chloride
- 1107 Amyl chloride
- 1126 1-Bromobutane
- 1127 Chlorobutanes
- 1134 Chlorobenzene
- 1150 1,2-Dichloroethylene
- 1152 Dichloropentanes
- 1184 Ethylene dichloride
- 1278 Propyl chloride

1279	1,2-Dichloropropane
1303	Vinylidene chloride, stabilized
1591	o-Dichlorobenzene
1593	Dichloromethane
1605	Ethylene dibromide
1647	Methyl bromide and ethylene dibromide mixture, liquid
1669	Pentachloroethane
1701	Xylyl bromide
1702	Tetrachloroethane
1710	Trichloroethylene
1723	Allyl iodide
1737	Benzyl bromide
1738	Benzyl chloride
1846	Carbon tetrachloride
1887	Bromochloromethane
1888	Chloroform
1891	Ethyl bromide
1897	Tetrachloroethylene
1991	Chloroprene, inhibited
2234	Chlorobenzotrifluorides
2238	Chlorotoluenes
2279	Hexachlorobutadiene
2321	Trichlorobenzenes, liquid
2322	Trichlorobutene
2339	2-bromobutane
2341	1-Bromo-3-methylbutane
2342	Bromomethylpropanes
2343	2-Bromopentane
2344	Bromopropanes
2356	2-Chloropropane
2362	1,1-Dichloroethane
2387	Fluorobenzene
2388	Fluorotoluenes
2390	2-Iodobutane
2391	Iodomethylpropanes
2392	Iodopropanes
2456	2-Chloropropene
2504	Tetrabromoethane
2515	Bromoform
2554	Methylallyl chloride
2644	Methyl iodide
2646	Hexachlorocyclopentadiene
2664	Dibromomethane
2688	1-Bromo-3-chloropropane
2831	1,1,1-Trichloroethane
2872	Dibromochloropropanes

11 Mercury and mercury compounds

0135	Mercury fulminate, wetted with not less than 20% water
1389	Alkali metal amalgam, liquid
1392	Alkaline earth metal amalgam, liquid

Part 3 – Dangerous Goods List and limited quantities exceptions

1623	Mercuric arsenate
1624	Mercuric chloride
1625	Mercuric nitrate
1626	Mercuric potassium cyanide
1627	Mercurous nitrate
1629	Mercury acetate
1630	Mercury ammonium chloride
1631	Mercury benzoate
1634	Mercury bromides
1636	Mercury cyanide
1637	Mercury gluconate
1638	Mercury iodide
1639	Mercury nucleate
1640	Mercury oleate
1641	Mercury oxide
1642	Mercury oxycyanide, desensitized
1643	Mercury potassium iodide
1644	Mercury salicylate
1645	Mercury sulphate
1646	Mercury thiocyanate
1894	Phenylmercuric hydroxide
1895	Phenylmercuric nitrate
2024	Mercury compound, liquid, n.o.s.
2025	Mercury compound, solid, n.o.s.
2026	Phenylmercuric compound, n.o.s.
2777	Mercury-based pesticide, solid, toxic
2778	Mercury-based pesticide, liquid, flammable, toxic
2809	Mercury
3011	Mercury-based pesticide, liquid, toxic, flammable
3012	Mercury-based pesticide, liquid, toxic
3401	Alkali metal amalgam, solid
3402	Alkaline earth metal amalgam, solid

12 Nitrites and their mixtures

1487	Potassium nitrate and sodium nitrite mixtures
1488	Potassium nitrite
1500	Sodium nitrite
1512	Zinc ammonium nitrite
2627	Nitrites, inorganic, n.o.s.
2726	Nickel nitrite
3219	Nitrites, inorganic, aqueous solution, n.o.s.

13 Perchlorates

1442	Ammonium perchlorate
1447	Barium perchlorate, solid
1455	Calcium perchlorate
1470	Lead perchlorate, solid
1475	Magnesium perchlorate
1481	Perchlorates, inorganic, n.o.s.
1489	Potassium perchlorate
1502	Sodium perchlorate
1508	Strontium perchlorate

- 3211 Perchlorates, inorganic, aqueous solution, n.o.s.
- 3406 Barium perchlorate solution
- 3408 Lead perchlorate solution

14 Permanganates

- 1448 Barium permanganate
- 1456 Calcium permanganate
- 1482 Permanganates, inorganic, n.o.s.
- 1490 Potassium permanganate
- 1503 Sodium permanganate
- 1515 Zinc permanganate
- 3214 Permanganates, inorganic, aqueous solution, n.o.s.

15 Powdered metals

- 1309 Aluminium powder, coated
- 1326 Hafnium powder, wetted with not less than 25% water
- 1352 Titanium powder, wetted, with not less than 25% water
- 1358 Zirconium powder, wetted with not less than 25% water
- 1383 Pyrophoric alloy or metal, n.o.s.
- 1396 Aluminium powder, uncoated
- 1398 Aluminium silicon powder, uncoated
- 1418 Magnesium powder
- 1435 Zinc ashes
- 1436 Zinc dust or zinc powder
- 1854 Barium alloys, pyrophoric
- 2008 Zirconium powder, dry
- 2009 Zirconium, dry, sheets, strip or coiled wire
- 2545 Hafnium powder, dry
- 2546 Titanium powder, dry
- 2878 Titanium sponge powders
- 2881 Metal catalyst, dry
- 2950 Magnesium granules, coated, particle size not less than 149 microns
- 3078 Cerium, turnings or gritty powder
- 3089 Metal powder, flammable, n.o.s.
- 3170 Aluminium smelting by-products
- 3189 Metal powder, self-heating, n.o.s.

16 Peroxides

- 1449 Barium peroxide
- 1457 Calcium peroxide
- 1472 Lithium peroxide
- 1476 Magnesium peroxide
- 1483 Peroxides, inorganic, n.o.s.
- 1491 Potassium peroxide
- 1504 Sodium peroxide
- 1509 Strontium peroxide
- 1516 Zinc peroxide
- 2014 Hydrogen peroxide, aqueous solution, 20–60%
- 2015 Hydrogen peroxide, aqueous solution, stabilized
- 2466 Potassium superoxide
- 2547 Sodium superoxide
- 3149 Hydrogen peroxide and peroxyacetic acid mixture
- 3377 Sodium perborate monohydrate
- 3378 Sodium carbonate peroxyhydrate

Part 3 – Dangerous Goods List and limited quantities exceptions

17 Azides

- 0129 Lead azide, wetted
- 0224 Barium azide, dry
- 1571 Barium azide, wetted
- 1687 Sodium azide

18 Alkalies

- 1005 Ammonia, anhydrous
- 1160 Dimethylamine, aqueous solution
- 1163 Dimethylhydrazine, unsymmetrical
- 1235 Methylamine, aqueous solution
- 1244 Methylhydrazine
- 1382 Potassium sulphide, anhydrous or potassium sulphide with less than 30% water of crystallization
- 1385 Sodium sulphide, anhydrous or sodium sulphide with less than 30% water of crystallization
- 1604 Ethylenediamine
- 1719 Caustic alkali liquid, n.o.s.
- 1813 Potassium hydroxide, solid
- 1814 Potassium hydroxide, solution
- 1819 Sodium aluminate solution
- 1823 Sodium hydroxide, solid
- 1824 Sodium hydroxide solution
- 1825 Sodium monoxide
- 1835 Tetramethylammonium hydroxide solution
- 1847 Potassium sulphide, hydrated with not less than 30% water of crystallization
- 1849 Sodium sulphide, hydrated with not less than 30% water
- 1907 Soda lime with more than 4% sodium hydroxide
- 1922 Pyrrolidine
- 2029 Hydrazine, anhydrous
- 2030 Hydrazine, aqueous solution with more than 37% hydrazine, by mass
- 2033 Potassium monoxide
- 2073 Ammonia solution relative density less than 0.880 at 15°C, with more than 35% but not more than 50% ammonia
- 2079 Diethylenetriamine
- 2259 Triethylenetetramine
- 2270 Ethylamine, aqueous solution, with not less than 50% but not more than 70% ethylamine
- 2318 Sodium hydrosulphide with less than 25% water of crystallization
- 2320 Tetraethylenepentamine
- 2379 1,3-Dimethylbutylamine
- 2382 Dimethylhydrazine, symmetrical
- 2386 1-Ethylpiperidine
- 2399 1-Methylpiperidine
- 2401 Piperidine
- 2491 Ethanolamine or ethanolamine solution
- 2579 Piperazine
- 2671 Aminopyridines
- 2672 Ammonia solution relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia by mass
- 2677 Rubidium hydroxide solution
- 2678 Rubidium hydroxide, solid
- 2679 Lithium hydroxide solution
- 2680 Lithium hydroxide
- 2681 Caesium hydroxide solution

- 2682 Caesium hydroxide
- 2683 Ammonium sulphide solution
- 2733 Amines, flammable, corrosive, n.o.s. or polyamines, flammable, corrosive, n.o.s.
- 2734 Amines, liquid, corrosive, flammable, n.o.s. or polyamines, liquid, corrosive, flammable, n.o.s.
- 2735 Amines, liquid, corrosive, n.o.s. or polyamines, liquid, corrosive, n.o.s.
- 2795 Batteries, wet, filled with alkali electric storage
- 2797 Battery fluid, alkali
- 2818 Ammonium polysulphide solution
- 2949 Sodium hydrosulphide, solid with not less than 25% water of crystallization
- 3028 Batteries, dry, containing potassium hydroxide, solid electric storage
- 3073 Vinylpyridines, stabilized
- 3253 Disodium trioxosilicate
- 3259 Amines, solid, corrosive, n.o.s. or polyamines, solid, corrosive, n.o.s.
- 3262 Corrosive solid, basic, inorganic, n.o.s.
- 3263 Corrosive solid, basic, organic, n.o.s.
- 3266 Corrosive liquid, basic, inorganic, n.o.s.
- 3267 Corrosive liquid, basic, organic, n.o.s.
- 3293 Hydrazine, aqueous solution with not more than 37% hydrazine, by mass
- 3318 Ammonia solution relative density less than 0.880 at 15°C in water, with more than 50% ammonia
- 3320 Sodium borohydride and sodium hydroxide solution with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass
- 3423 Tetramethylammonium hydroxide, solid

Chapter 3.2

Dangerous Goods List

3.2.1 Structure of the Dangerous Goods List

The Dangerous Goods List is divided into 18 columns as follows:

- Column 1 **UN No.** – this column contains the United Nations Number assigned to a dangerous good by the United Nations Committee of Experts on the Transport of Dangerous Goods (UN List).
- Column 2 **Proper Shipping Name (PSN)** – this column contains the Proper Shipping Names in upper-case characters, which may have to be followed by additional descriptive text in lower-case characters (see 3.1.2). Proper Shipping Names may be shown in plural where isomers of similar classification exist. Hydrates may be included under the Proper Shipping Name for the anhydrous substances. Unless otherwise indicated for an entry in the Dangerous Goods List, the word “SOLUTION” in a Proper Shipping Name means one or more named dangerous goods dissolved in a liquid that is not otherwise subject to this Code. When a flashpoint is mentioned in this column, the data is based on closed-cup (c.c.) methods.
- Column 3 **Class or division** – this column contains the class and, in the case of class 1, the division and the compatibility group assigned to the substance or article according to the classification system described in part 2, chapter 2.1.
- Column 4 **Subsidiary risk(s)** – this column contains the class number(s) of any subsidiary risk(s) which have been identified by applying the classification system described in part 2. This column also identifies a dangerous good as a marine pollutant or a severe marine pollutant as follows:
- P** – Marine pollutant
 - PP** – Severe marine pollutant
 - – Marine pollutant only when containing 10% or more substance(s) identified with **P** or 1% or more substance(s) identified with **PP** in this column or in the Index
- Column 5 **Packing group** – this column contains the packing group number (i.e. I, II or III) where assigned to the substance or article. If more than one packing group is indicated for the entry, the packing group of the substance or formulation to be transported shall be determined, based on its properties, through application of the hazard grouping criteria as provided in part 2.
- Column 6 **Special provisions** – this column contains a number referring to any special provision(s) indicated in chapter 3.3 that is relevant to the substance or article. Special provisions apply to all packing groups permitted for a particular substance or article unless the wording makes it otherwise apparent. The special provision numbers specific to the sea mode start from 900.
- Note:** When a special provision is no longer needed, this special provision is deleted but the special provision number is not allocated again, in order not to confuse the users of this Code. For this reason, some of the numbers are missing.
- Column 7 **Limited quantities** – this column provides the maximum quantity per inner packaging or article authorized for transport of the substance or article concerned according to the provisions for limited quantities in chapter 3.4 (for marine pollutants, see also 3.4.8). The word “None” in this column means that the substance or article is not permitted to be transported under the provisions of chapter 3.4.
- Column 8 **Packing instructions** – this column contains alpha-numeric codes which refer to the relevant packing instruction(s) in 4.1.4. The packing instructions indicate the packagings (including large packagings) which may be used for the transport of substances and articles.
- A code including the letter “P” refers to packing instructions for the use of packagings described in chapter 6.1, 6.2 or 6.3.

A code including the letters “LP” refers to packing instructions for the use of large packagings described in chapter 6.6.

When a code including the letter(s) “P” or “LP” is not provided, it means that the substance is not allowed in that type of packaging.

Column 9 **Special packing provisions** – this column contains alpha-numeric codes which refer to the relevant special packing provisions specified in 4.1.4. The special packing provisions indicate the packagings (including large packagings).

A special packing provision including the letters “PP” refers to a special packing provision applicable to the use of a packing instruction bearing the Code “P” in 4.1.4.1.

A special packing provision including the letter “L” refers to a special packing provision applicable to a packing instruction bearing the code “LP” in 4.1.4.3.

Column 10 **IBC packing instructions** – this column contains alpha-numeric codes that refer to the relevant IBC instruction, which indicates the type of IBC that shall be used for the transport of the substance under reference. A code including the letters “IBC” refers to packing instructions for the use of IBCs described in chapter 6.5. When a code is not provided, it means the substance is not authorized in IBC.

Column 11 **IBC special provisions** – this column contains an alpha-numeric code, including the letter “B”, which refers to special packing provisions applicable to the use of packing instructions bearing the code “IBC” in 4.1.4.2.

Column 12 **IMO Tank instructions** – this column only applies to IMO portable tanks and road tank vehicles constructed in accordance with the requirements of Amendment 29 of the Code consistent with the transitional provision in 4.2.0. The provisions of this column may be used instead of the provisions of column 13 until 2010. This column contains T codes (see 4.2.5.2.6) and in some instances TP notes (see 4.2.5.3). When no T code is provided in this column, the T code provided in column 13 shall apply.

Column 13 **UN Tank and bulk container instructions** – this column contains T codes (see 4.2.5.2.6) applicable to the transport of dangerous goods in portable tanks and road tank vehicles.

When a T code is not provided in this column, it means that the dangerous goods are not authorized for transport in tanks unless specifically approved by the competent authority.

Bulk container code – The code “BK2” refers to closed bulk containers used for the transport of bulk goods described in chapter 6.9. When a bulk container code is not provided, it means that the substance is not permitted in a bulk container. Transport in sheeted bulk containers is not permitted in this Code.

The gases authorized for transport in MEGCs are indicated in the column “MEGC” in Tables 1 and 2 of packing instruction P200 in 4.1.4.1.

Column 14 **Tank special provisions** – this column contains TP notes (see 4.2.5.3) applicable to the transport of dangerous goods in portable tanks and road tank vehicles. The TP notes specified in this column apply to the portable tanks specified in both columns 12 and 13.

Column 15 **EmS** – this column refers to the relevant emergency schedules for FIRE and SPILLAGE in “The EmS Guide – Emergency Response Procedures for Ships Carrying Dangerous Goods”.

The first EmS code refers to the relevant Fire Schedule (e.g., Fire Schedule Alfa “F-A” General Fire Schedule).

The second EmS code refers to the relevant Spillage Schedule (e.g., Spillage Schedule Alfa “S-A” Toxic Substances).

Underlined EmS codes (special cases) indicate a substance, material or article for which additional advice is given in the emergency response procedures.

For dangerous goods offered for transport under N.O.S. entries or other generic entries, the most relevant emergency response procedures may vary with the properties of the hazardous constituents. As a consequence, shippers may have to declare different EmS codes from those indicated, if, to their knowledge, such codes are more appropriate.

The provisions in this column are not mandatory.

Column 16 **Stowage and segregation** – this column contains the stowage and segregation provisions as prescribed in part 7.

Part 3 – Dangerous Goods List and limited quantities exceptions

Column 17 **Properties and observations** – this column contains properties of and observations on the dangerous goods listed. The provisions in this column are not mandatory.

Properties of most gases include an indication of its density in relation to air. The figures in brackets give the density relative to air.

- .1 “lighter than air” when the vapour density is down to half that of air;
- .2 “much lighter than air” when the vapour density is less than half that of air;
- .3 “heavier than air” when the vapour density is up to twice that of air; and
- .4 “much heavier than air” when the vapour density is more than twice that of air.

When explosive limits are given, these refer to the volume percentage of the vapour of the substance when mixed with air.

The ease and extent to which different liquids mix with water varies greatly and most entries have included an indication of miscibility. In these cases “miscible with water” normally means capable of being mixed with water in all proportions to form a completely homogeneous liquid.

Column 18 **UN No.** – see column 1.

3.2.2 Abbreviations and symbols

The following abbreviations and symbols are used in the Dangerous Goods List and have the meanings shown:

Abbreviation/symbol	Column	Meaning
N.O.S.	2	Not otherwise specified
•	4	Can be a marine pollutant or a severe marine pollutant
P	4	Marine pollutant
PP	4	Severe marine pollutant



Dangerous Goods List

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0004	AMMONIUM PICRATE dry or wetted with less than 10% water, by mass	1.1D	0	–	–	None	P112 (a), (b) or (c)	PP26	–	–
0005	CARTRIDGES FOR WEAPONS with bursting charge	1.1F	–	–	–	None	P130	–	–	–
0006	CARTRIDGES FOR WEAPONS with bursting charge	1.1E	–	–	–	None	P130 LP101	PP67 L1	–	–
0007	CARTRIDGES FOR WEAPONS with bursting charge	1.2F	–	–	–	None	P130	–	–	–
0009	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.2G	–	–	–	None	P130 LP101	PP67 L1	–	–
0010	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.3G	–	–	–	None	P130 LP101	PP67 L1	–	–
0012	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1.4S	–	–	–	None	P130	–	–	–
0014	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1.4S	–	–	–	None	P130	–	–	–
0015	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.2G	See SP204	–	204	None	P130 LP101	PP67 L1	–	–
0016	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.3G	See SP204	–	204	None	P130 LP101	PP67 L1	–	–
0018	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.2G	6.1/8	–	–	None	P130 LP101	PP67 L1	–	–
0019	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.3G	6.1/8	–	–	None	P130 LP101	PP67 L1	–	–
0020	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1.2K	6.1	–	274	None	P101	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	–	–	F-B, S-Y	Category 10. "Away from" explosives containing chlorates or perchlorates. "Away from" lead and its compounds.	Substance.	0004
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS with bursting charge (1)".	0005
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS with bursting charge (2)".	0006
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS with bursting charge (1)".	0007
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge".	0009
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge".	0010
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS, INERT PROJECTILE" or "CARTRIDGES, SMALL ARMS".	0012
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS, BLANK".	0014
–	–	–	F-B, S-X	Category 03 for projectiles or cartridges for guns, cannons or mortars; or Category 07 for other types, (the magazine being of steel for preventing leakage.) On-deck stowage is always recommended.	See glossary of terms in appendix B for "AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge".	0015
–	–	–	F-B, S-X	Category 03 for projectiles or cartridges for guns, cannons or mortars; or Category 07 for other types, (the magazine being of steel for preventing leakage.) On-deck stowage is always recommended.	See glossary of terms in appendix B for "AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge".	0016
–	–	–	F-B, S-Z	Category 03 for projectiles or cartridges for guns, cannons or mortars; or Category 07 for other types, (the magazine being of steel for preventing leakage.) On-deck stowage is always recommended.	See glossary of terms in appendix B for "AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge".	0018
–	–	–	F-B, S-Z	Category 03 for projectiles or cartridges for guns, cannons or mortars; or Category 07 for other types, (the magazine being of steel for preventing leakage.) On-deck stowage is always recommended.	See glossary of terms in appendix B for "AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge".	0019
–	–	–	F-B, S-Z	Category 08. On-deck stowage is always recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under deck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for "AMMUNITION, TOXIC with burster, expelling charge or propelling charge".	0020

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0021	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1.3K	6.1	–	274	None	P101	–	–	–
0027	BLACK POWDER (GUNPOWDER) granular, or as a meal	1.1D	–	–	–	None	P113	PP50	–	–
0028	BLACK POWDER (GUNPOWDER), COMPRESSED or BLACK POWDER (GUNPOWDER) IN PELLETS	1.1D	–	–	–	None	P113	PP51	–	–
0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	–	–	–	None	P131	PP68	–	–
0030	DETONATORS, ELECTRIC for blasting	1.1B	–	–	–	None	P131	–	–	–
0033	BOMBS with bursting charge	1.1F	–	–	–	None	P130	–	–	–
0034	BOMBS with bursting charge	1.1D	–	–	–	None	P130 LP101	PP67 L1	–	–
0035	BOMBS with bursting charge	1.2D	–	–	–	None	P130 LP101	PP67 L1	–	–
0037	BOMBS, PHOTO-FLASH	1.1F	–	–	–	None	P130	–	–	–
0038	BOMBS, PHOTO-FLASH	1.1D	–	–	–	None	P130 LP101	PP67 L1	–	–
0039	BOMBS, PHOTO-FLASH	1.2G	–	–	–	None	P130 LP101	PP67 L1	–	–
0042	BOOSTERS without detonator	1.1D	–	–	–	None	P132 (a) or (b)	–	–	–
0043	BURSTERS explosive	1.1D	–	–	–	None	P133	PP69	–	–
0044	PRIMERS, CAP TYPE	1.4S	–	–	–	None	P133	–	–	–
0048	CHARGES, DEMOLITION	1.1D	–	–	–	None	P130 LP101	PP67 L1	–	–
0049	CARTRIDGES, FLASH	1.1G	–	–	–	None	P135	–	–	–
0050	CARTRIDGES, FLASH	1.3G	–	–	–	None	P135	–	–	–
0054	CARTRIDGES, SIGNAL	1.3G	–	–	–	None	P135	–	–	–
0055	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4S	–	–	–	None	P136	–	–	–
0056	CHARGES, DEPTH	1.1D	–	–	–	None	P130 LP101	PP67 L1	–	–
0059	CHARGES, SHAPED without detonator	1.1D	–	–	–	None	P137	PP70	–	–
0060	CHARGES, SUPPLEMENTARY, EXPLOSIVE	1.1D	–	–	–	None	P132 (a) or (b)	–	–	–
0065	CORD, DETONATING flexible	1.1D	–	–	–	None	P139	PP71 PP72	–	–
0066	CORD, IGNITER	1.4G	–	–	–	None	P140	–	–	–
0070	CUTTERS, CABLE, EXPLOSIVE	1.4S	–	–	–	None	P134 LP102	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-Z	Category 08. On-deck stowage is always recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under deck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for “AMMUNITION, TOXIC with burster, expelling charge or propelling charge”.	0021
–	–	–	F-B, S-Y	Category 10	A substance which is very sensitive to sparks, electrostatic discharges and friction.	0027
–	–	–	F-B, S-Y	Category 10	A substance which is very sensitive to sparks, electrostatic discharges and friction.	0028
–	–	–	F-B, S-X	Category 11	See glossary of terms in appendix B for “DETONATORS, NON-ELECTRIC for blasting”.	0029
–	–	–	F-B, S-X	Category 11	See glossary of terms in appendix B for “DETONATORS, ELECTRIC for blasting”.	0030
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for “BOMBS with bursting charge (1)”.	0033
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “BOMBS with bursting charge (2)”.	0034
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “BOMBS with bursting charge (2)”.	0035
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for “BOMBS, PHOTO-FLASH (1)”.	0037
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “BOMBS, PHOTO-FLASH (2)”.	0038
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “BOMBS, PHOTO-FLASH (3)”.	0039
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “BOOSTERS without detonator”.	0042
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “BURSTERS explosive”.	0043
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for “PRIMERS, CAP TYPE”.	0044
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “CHARGES, DEMOLITION”.	0048
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CARTRIDGES, FLASH”.	0049
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CARTRIDGES, FLASH”.	0050
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CARTRIDGES, SIGNAL”.	0054
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for “CASES, CARTRIDGE, EMPTY, WITH PRIMER”.	0055
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “CHARGES, DEPTH”.	0056
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CHARGES, SHAPED without detonator”.	0059
–	–	–	F-B, S-X	Category 10	See glossary of terms in appendix B for “CHARGES, SUPPLEMENTARY, EXPLOSIVE”.	0060
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CORD, DETONATING, flexible”.	0065
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for “CORD, IGNITER”.	0066
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for “CUTTERS, CABLE, EXPLOSIVE”.	0070

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0072	CYCLOTRIMETHYLENETRINITRAMINE, (CYCLONITE), (RDX), (HEXOGEN), WETTED with not less than 15% water, by mass	1.1D	–	–	266	None	P112 (a)	PP45	–	–
0073	DETONATORS FOR AMMUNITION	1.1B	–	–	–	None	P133	–	–	–
0074	DIAZODINITROPHENOL, WETTED with not less than 40% water or mixture of alcohol and water, by mass	1.1A	–	–	266	None	P110 (a) or (b)	PP42	–	–
0075	DIETHYLENEGLYCOL DINITRATE, DESENSITIZED with not less than 25% non-volatile water-insoluble phlegmatizer, by mass	1.1D	–	–	266	None	P115	PP53 PP54 PP57 PP58	–	–
0076	DINITROPHENOL dry or wetted with less than 15% water, by mass	1.1D	6.1 P	–	–	None	P112 (a), (b) or (c)	PP26	–	–
0077	DINITROPHENOLATES alkali metals, dry or wetted with less than 15% water, by mass	1.3C	6.1 P	–	–	None	P114 (a) or (b)	PP26	–	–
0078	DINITRORESORCINOL dry or wetted with less than 15% water, by mass	1.1D	–	–	–	None	P112(a), (b) or (c)	PP26	–	–
0079	HEXANITRODIPHENYLAMINE (DIPICRYLAMINE), (HEXYL)	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	–	–	–	None	P116	PP63 PP66	–	–
0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	–	–	–	None	P116	PP61 PP62 PP65	IBC100	B9
0083	EXPLOSIVE, BLASTING, TYPE C	1.1D	–	–	267	None	P116	–	–	–
0084	EXPLOSIVE, BLASTING, TYPE D	1.1D	–	–	–	None	P116	–	–	–
0092	FLARES, SURFACE	1.3G	–	–	–	None	P135	–	–	–
0093	FLARES, AERIAL	1.3G	–	–	–	None	P135	–	–	–
0094	FLASH POWDER	1.1G	–	–	–	None	P113	PP49	–	–
0099	FRACTURING DEVICES, EXPLOSIVE for oil wells, without detonator	1.1D	–	–	–	None	P134 LP102	–	–	–
0101	FUSE, NON-DETONATING	1.3G	–	–	–	None	P140	PP74 PP75	–	–
0102	CORD (FUSE), DETONATING metal-clad	1.2D	–	–	–	None	P139	PP71	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-Y	Category 10	Mass detonating explosive which becomes more sensitive if the wetting agent is lost. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0072
–	–	–	F-B, S-X	Category 11	See glossary of terms in appendix B for “DETONATORS FOR AMMUNITION”.	0073
–	–	–	F-B, S-Y	Category 12	Sensitive substance used in detonators, which becomes extremely sensitive if the wetting agents are lost. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0074
–	–	–	F-B, S-Y	Category 13. Where practicable, the cargo space ventilation should be carefully controlled to avoid excessive condensation.	This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0075
–	–	–	F-B, S-Z	Category 10. “Away from” lead and its compounds.	Substance.	0076
–	–	–	F-B, S-Z	Category 10. “Away from” lead and its compounds.	Substance.	0077
–	–	–	F-B, S-Y	Category 10. “Away from” lead and its compounds.	Substance.	0078
–	–	–	F-B, S-Y	Category 10	Substance.	0079
–	–	–	F-B, S-Y	Category 10. Where practicable, the cargo space ventilation should be carefully controlled to avoid excessive condensation. When containing ammonium compounds, “Away from” chlorates or perchlorates and explosives containing chlorates or perchlorates.	Substance. See glossary of terms in appendix B for “EXPLOSIVE, BLASTING, TYPE A”.	0081
–	–	–	F-B, S-Y	Category 10. When containing ammonium compounds, “Away from” chlorates or perchlorates and explosives containing chlorates and perchlorates.	Substance. See glossary of terms in appendix B for “EXPLOSIVE, BLASTING, TYPE B”.	0082
–	–	–	F-B, S-Y	Category 10. “Away from” ammonium compounds and explosives containing ammonium compounds or salts.	Substance. See glossary of terms in appendix B for “EXPLOSIVE, BLASTING, TYPE C”.	0083
–	–	–	F-B, S-Y	Category 10	Substance. See glossary of terms in appendix B for “EXPLOSIVE, BLASTING, TYPE D”.	0084
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “FLARES, SURFACE”.	0092
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “FLARES, AERIAL”.	0093
–	–	–	F-B, S-Y	Category 15	Flash powders are pyrotechnic substances which are very sensitive to friction, sparks and electrostatic discharges.	0094
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “FRACTURING DEVICES, EXPLOSIVE for oil wells, without detonator”.	0099
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “FUSE, NON-DETONATING”.	0101
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CORD (FUSE), DETONATING metal-clad”.	0102

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0103	FUSE, IGNITER tubular, metal-clad	1.4G	–	–	–	None	P140	–	–	–
0104	CORD (FUSE), DETONATING, MILD EFFECT metal-clad	1.4D	–	–	–	None	P139	PP71	–	–
0105	FUSE, SAFETY	1.4S	–	–	–	None	P140	PP73	–	–
0106	FUZES, DETONATING	1.1B	–	–	–	None	P141	–	–	–
0107	FUZES, DETONATING	1.2B	–	–	–	None	P141	–	–	–
0110	GRENADES, PRACTICE hand or rifle	1.4S	–	–	–	None	P141	–	–	–
0113	GUANYL NITROSAMINO GUANYLIDENE HYDRAZINE, WETTED with not less than 30% water, by mass	1.1A	–	–	266	None	P110 (a) or (b)	PP42	–	–
0114	GUANYL NITROSAMINO GUANYLTETRAZENE (TETRAZENE), WETTED with not less than 30% water or mixture of alcohol and water, by mass	1.1A	–	–	266	None	P110 (a) or (b)	PP42	–	–
0118	HEXOLITE (HEXOTOL) dry or wetted with less than 15% water, by mass	1.1D	–	–	–	None	P112 (a), (b) or (c)	–	–	–
0121	IGNITERS	1.1G	–	–	–	None	P142	–	–	–
0124	JET PERFORATING GUNS, CHARGED oil well, without detonator	1.1D	–	–	–	None	P101	–	–	–
0129	LEAD AZIDE, WETTED with not less than 20% water or mixture of alcohol and water, by mass	1.1A	–	–	266	None	P110 (a) or (b)	PP42	–	–
0130	LEAD STYPHNATE (LEAD TRINITRORESORCINATE), WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1A	–	–	266	None	P110 (a) or (b)	PP42	–	–
0131	LIGHTERS, FUSE	1.4S	–	–	–	None	P142	–	–	–
0132	DEFLAGRATING METAL SALTS OF AROMATIC NITRODERIVATIVES, N.O.S.	1.3C	–	–	–	None	P114 (b)	PP26	–	–
0133	MANNITOL HEXANITRATE (NITROMANNITE), WETTED with not less than 40% water, or mixture of alcohol and water, by mass	1.1D	–	–	266	None	P112 (a)	–	–	–
0135	MERCURY FULMINATE, WETTED with not less than 20% water or mixture of alcohol and water, by mass	1.1A	–	–	266	None	P110 (a) or (b)	PP42	–	–
0136	MINES with bursting charge	1.1F	–	–	–	None	P130	–	–	–
0137	MINES with bursting charge	1.1D	–	–	–	None	P130 LP101	PP67 L1	–	–
0138	MINES with bursting charge	1.2D	–	–	–	None	P130 LP101	PP67 L1	–	–
0143	NITROGLYCERIN, DESENSITIZED with not less than 40% non-volatile water-insoluble phlegmatizer, by mass	1.1D	See SP271	–	266 271 272	None	P115	PP53 PP54 PP57 PP58	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "FUSE, IGNITER tubular, metal-clad".	0103
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CORD (FUSE), DETONATING, MILD EFFECT metal-clad".	0104
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "FUSE, SAFETY".	0105
–	–	–	F-B, S-X	Category 11	See glossary of terms in appendix B for "FUZES, DETONATING".	0106
–	–	–	F-B, S-X	Category 11	See glossary of terms in appendix B for "FUZES, DETONATING".	0107
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "GRENADES, PRACTICE hand or rifle".	0110
–	–	–	F-B, S-Y	Category 12	Sensitive substance used in detonators, which becomes extremely sensitive if the wetting agents are lost. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0113
–	–	–	F-B, S-Y	Category 12	Sensitive substance used in detonators, which becomes extremely sensitive if the wetting agents are lost. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0114
–	–	–	F-B, S-Y	Category 10	Substance. Mixtures of mass detonating explosives.	0118
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "IGNITERS".	0121
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "JET PERFORATING GUNS, CHARGED oil well, without detonator".	0124
–	–	–	F-B, S-Y	Category 12	Sensitive substance used in detonators, which becomes extremely sensitive if the wetting agents are lost. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0129
–	–	–	F-B, S-Y	Category 12	Sensitive substance used in detonators, which becomes extremely sensitive if the wetting agents are lost. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0130
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "LIGHTERS, FUSE".	0131
–	–	–	F-B, S-Y	Category 10. "Away from" lead and its compounds.	Substance.	0132
–	–	–	F-B, S-Y	Category 10	This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0133
–	–	–	F-B, S-Y	Category 12	Sensitive substance used in detonators which will become extremely sensitive if it loses its wetting or desensitizing agent. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0135
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "MINES with bursting charge (1)".	0136
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "MINES with bursting charge (2)".	0137
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "MINES with bursting charge (2)".	0138
–	–	–	F-B, S-Z	Category 13. Where practicable, the cargo space ventilation should be carefully controlled to avoid excessive condensation.	Substance. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0143

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0144	NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 10% nitroglycerin	1.1D	–	–	–	None	P115	PP45 PP55 PP56 PP59 PP60	–	–
0146	NITROSTARCH dry or wetted, with less than 20% water, by mass	1.1D	–	–	–	None	P112 (a), (b) or (c)	–	–	–
0147	NITRO UREA	1.1D	–	–	–	None	P112 (b)	–	–	–
0150	PENTAERYTHRITOL TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN), WETTED with not less than 25% water, by mass or PENTAERYTHRITOL TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN), DESENSITIZED with not less than 15% phlegmatizer, by mass	1.1D	–	–	266	None	P112 (a) or (b)	–	–	–
0151	PENTOLITE dry or wetted with less than 15% water, by mass	1.1D	–	–	–	None	P112 (a), (b) or (c)	–	–	–
0153	TRINITROANILINE (PICRAMIDE)	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0154	TRINITROPHENOL (PICRIC ACID) dry or wetted with less than 30% water, by mass	1.1D	–	–	–	None	P112 (a), (b) or (c)	PP26	–	–
0155	TRINITROCHLOROBENZENE (PICRYL CHLORIDE)	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0159	POWDER CAKE (POWDER PASTE), WETTED with not less than 25% water, by mass	1.3C	–	–	266	None	P111	PP43	–	–
0160	POWDER, SMOKELESS	1.1C	–	–	–	None	P114 (b)	PP50 PP52	–	–
0161	POWDER, SMOKELESS	1.3C	–	–	–	None	P114 (b)	PP50 PP52	–	–
0167	PROJECTILES with bursting charge	1.1F	–	–	–	None	P130	–	–	–
0168	PROJECTILES with bursting charge	1.1D	–	–	–	None	P130 LP101	PP67 L1	–	–
0169	PROJECTILES with bursting charge	1.2D	–	–	–	None	P130 LP101	PP67 L1	–	–
0171	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.2G	–	–	–	None	P130 LP101	PP67 L1	–	–
0173	RELEASE DEVICES, EXPLOSIVE	1.4S	–	–	–	None	P134 LP102	–	–	–
0174	RIVETS, EXPLOSIVE	1.4S	–	–	–	None	P134 LP102	–	–	–
0180	ROCKETS with bursting charge	1.1F	–	–	–	None	P130	–	–	–
0181	ROCKETS with bursting charge	1.1E	–	–	–	None	P130 LP101	PP67 L1	–	–
0182	ROCKETS with bursting charge	1.2E	–	–	–	None	P130 LP101	PP67 L1	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-Y	Category 10. Where practicable, the cargo space ventilation should be carefully controlled to avoid excessive condensation.	Substance.	0144
–	–	–	F-B, S-Y	Category 10	Substance.	0146
–	–	–	F-B, S-Y	Category 10	Substance.	0147
–	–	–	F-B, S-Y	Category 10	Substance. Mass detonating explosive which will become more sensitive if it loses its wetting or desensitizing agent. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0150
–	–	–	F-B, S-Y	Category 10	Substance. Mixtures of mass detonating explosive substance.	0151
–	–	–	F-B, S-Y	Category 10	Substance.	0153
–	–	–	F-B, S-Y	Category 10. "Away from" lead and its compounds.	Substance.	0154
–	–	–	F-B, S-Y	Category 10	Substance.	0155
–	–	–	F-B, S-Y	Category 10	Substance consisting of nitrocellulose impregnated with not more than 60% of nitroglycerin or other liquid organic nitrates or a mixture of these. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0159
–	–	–	F-B, S-Y	Category 13: non-metallic lining is necessary if not in siftproof packaging; or Category 10 when in effectively sealed, sift-proof packages.	Substances based on nitrocellulose used as propellant. Sensitive to sparks, friction, pressure and electrostatic discharge.	0160
–	–	–	F-B, S-Y	Category 13: non-metallic lining is necessary if not in siftproof packaging; or Category 10 when in effectively sealed, sift-proof packages.	Substances based on nitrocellulose used as propellant. Sensitive to sparks, friction, pressure and electrostatic discharge.	0161
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "PROJECTILES with bursting charge (1)".	0167
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "PROJECTILES with bursting charge (2)".	0168
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "PROJECTILES with bursting charge (2)".	0169
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge".	0171
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "RELEASE DEVICES, EXPLOSIVE".	0173
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "RIVETS, EXPLOSIVE".	0174
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "ROCKETS with bursting charge (1)".	0180
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "ROCKETS with bursting charge (2)".	0181
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "ROCKETS with bursting charge (2)".	0182

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0183	ROCKETS with inert head	1.3C	-	-	-	None	P130 LP101	PP67 L1	-	-
0186	ROCKET MOTORS	1.3C	-	-	-	None	P130 LP101	PP67 L1	-	-
0190	SAMPLES, EXPLOSIVE other than initiating explosive	1	-	-	16 274	None	P101	-	-	-
0191	SIGNAL DEVICES, HAND	1.4G	-	-	-	None	P135	-	-	-
0192	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.1G	-	-	-	None	P135	-	-	-
0193	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.4S	-	-	-	None	P135	-	-	-
0194	SIGNALS, DISTRESS ship	1.1G	-	-	-	None	P135	-	-	-
0195	SIGNALS, DISTRESS ship	1.3G	-	-	-	None	P135	-	-	-
0196	SIGNALS, SMOKE	1.1G	-	-	-	None	P135	-	-	-
0197	SIGNALS, SMOKE	1.4G	-	-	-	None	P135	-	-	-
0204	SOUNDING DEVICES, EXPLOSIVE	1.2F	-	-	-	None	P134 LP102	-	-	-
0207	TETRANITROANILINE	1.1D	-	-	-	None	P112 (b) or (c)	-	-	-
0208	TRINITROPHENYLMETHYLNITRAMINE (TETRYL)	1.1D	-	-	-	None	P112 (b) or (c)	-	-	-
0209	TRINITROTOLUENE (TNT) dry or wetted with less than 30% water, by mass	1.1D	-	-	-	None	P112 (a), (b) or (c)	PP46	-	-
0212	TRACERS FOR AMMUNITION	1.3G	-	-	-	None	P133	PP69	-	-
0213	TRINITROANISOLE	1.1D	-	-	-	None	P112 (b) or (c)	-	-	-
0214	TRINITROBENZENE dry or wetted with less than 30% water, by mass	1.1D	-	-	-	None	P112 (a), (b) or (c)	-	-	-
0215	TRINITROBENZOIC ACID dry or wetted with less than 30% water, by mass	1.1D	-	-	-	None	P112 (a), (b) or (c)	-	-	-
0216	TRINITRO- <i>meta</i> -CRESOL	1.1D	-	-	-	None	P112 (b) or (c)	PP26	-	-
0217	TRINITRONAPHTHALENE	1.1D	-	-	-	None	P112 (b) or (c)	-	-	-
0218	TRINITROPHENETOLE	1.1D	-	-	-	None	P112 (b) or (c)	-	-	-
0219	TRINITRORESORCINOL (STYPHNIC ACID) dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	1.1D	-	-	-	None	P112 (a), (b) or (c)	PP26	-	-
0220	UREA NITRATE dry or wetted, with less than 20% water, by mass	1.1D	-	-	-	None	P112 (a), (b) or (c)	-	-	-
0221	WARHEADS, TORPEDO with bursting charge	1.1D	-	-	-	None	P130 LP101	PP67 L1	-	-
0222	AMMONIUM NITRATE with more than 0.2% by mass of combustible substances, including any organic substance calculated as carbon to the exclusion of any other added substance	1.1D	-	-	-	None	P112 (b) or (c)	PP47	-	-
0224	BARIUM AZIDE, dry or wetted with less than 50% water, by mass	1.1A	6.1	-	-	None	P110 (a) or (b)	PP42	-	-
0225	BOOSTERS WITH DETONATOR	1.1B	-	-	-	None	P133	PP69	-	-

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
-	-	-	F-B, S-X	Category 03	See glossary of terms in appendix B for "ROCKETS with inert head".	0183
-	-	-	F-B, S-X	Category 03	See glossary of terms in appendix B for "ROCKET MOTORS".	0186
-	-	-	F-B, S-X	Category 14	Substance or article. Division and compatibility group as classified by the competent authority.	0190
-	-	-	F-B, S-X	Category 06	See glossary of terms in appendix B for "SIGNAL DEVICES, HAND".	0191
-	-	-	F-B, S-X	Category 07	See glossary of terms in appendix B for "SIGNALS, RAILWAY TRACK, EXPLOSIVE".	0192
-	-	-	F-B, S-X	Category 05	See glossary of terms in appendix B for "SIGNALS, RAILWAY TRACK, EXPLOSIVE".	0193
-	-	-	F-B, S-X	Category 07	See glossary of terms in appendix B for "SIGNALS, DISTRESS ship".	0194
-	-	-	F-B, S-X	Category 07	See glossary of terms in appendix B for "SIGNALS, DISTRESS ship".	0195
-	-	-	F-B, S-X	Category 07	See glossary of terms in appendix B for "SIGNALS, SMOKE".	0196
-	-	-	F-B, S-X	Category 06	See glossary of terms in appendix B for "SIGNALS, SMOKE".	0197
-	-	-	F-B, S-X	Category 08	See glossary of terms in appendix B for "SOUNDING DEVICES, EXPLOSIVE".	0204
-	-	-	F-B, S-Y	Category 10	Substance.	0207
-	-	-	F-B, S-Y	Category 10	Substance. Mass detonating explosive.	0208
-	-	-	F-B, S-Y	Category 10	Substance. Tritonal is a substance consisting of trinitrotoluene (TNT) mixed with aluminium.	0209
-	-	-	F-B, S-X	Category 07	See glossary of terms in appendix B for "TRACERS FOR AMMUNITION".	0212
-	-	-	F-B, S-Y	Category 10	Substance.	0213
-	-	-	F-B, S-Y	Category 10	Substance.	0214
-	-	-	F-B, S-Y	Category 10	Substances.	0215
-	-	-	F-B, S-Y	Category 10. "Away from" lead and its compounds.	Substance.	0216
-	-	-	F-B, S-Y	Category 10	Substance.	0217
-	-	-	F-B, S-Y	Category 10	Substance.	0218
-	-	-	F-B, S-Y	Category 10. "Away from" lead and its compounds.	Substance.	0219
-	-	-	F-B, S-Y	Category 10	Substance.	0220
-	-	-	F-B, S-X	Category 03	See glossary of terms in appendix B for "WARHEADS, TORPEDO with bursting charge".	0221
-	-	-	F-B, S-Y	Category 10. "Away from" explosives containing chlorates or perchlorates.	Substance.	0222
-	-	-	F-B, S-Z	Category 12	Sensitive substances used in detonators, which become extremely sensitive if they lose their wetting agents.	0224
-	-	-	F-B, S-X	Category 11	See glossary of terms in appendix B for "BOOSTERS, WITH DETONATOR".	0225

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0226	CYCLOTETRAMETHYLENETETRA-NITRAMINE (HMX; OCTOGEN), WETTED with not less than 15% water, by mass	1.1D	–	–	266	None	P112 (a)	PP45	–	–
0234	SODIUM DINITRO- <i>ortho</i> -CRESOLATE dry or wetted with less than 15% water, by mass	1.3C	6.1 P	–	–	None	P114 (a) or (b)	PP26	–	–
0235	SODIUM PICRAMATE dry or wetted with less than 20% water, by mass	1.3C	–	–	–	None	P114 (a) or (b)	PP26	–	–
0236	ZIRCONIUM PICRAMATE dry or wetted with less than 20% water, by mass	1.3C	–	–	–	None	P114 (a) or (b)	PP26	–	–
0237	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.4D	–	–	–	None	P138	–	–	–
0238	ROCKETS, LINE-THROWING	1.2G	–	–	–	None	P130	–	–	–
0240	ROCKETS, LINE-THROWING	1.3G	–	–	–	None	P130	–	–	–
0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	–	–	–	None	P116	PP61 PP62 PP65	IBC100	B10
0242	CHARGES, PROPELLING, FOR CANNON	1.3C	–	–	–	None	P130	–	–	–
0243	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.2H	–	–	–	None	P130 LP101	PP67 L1	–	–
0244	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.3H	–	–	–	None	P130 LP101	PP67 L1	–	–
0245	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.2H	–	–	–	None	P130 LP101	PP67 L1	–	–
0246	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1.3H	–	–	–	None	P130 LP101	PP67 L1	–	–
0247	AMMUNITION, INCENDIARY liquid or gel, with burster, expelling charge or propelling charge	1.3J	–	–	–	None	P101	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-Y	Category 10	Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agent is lost. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0226
–	–	–	F-B, S-Z	Category 10. "Away from" lead and its compounds.	Substance.	0234
–	–	–	F-B, S-Y	Category 10. "Away from" lead and its compounds.	Substance.	0235
–	–	–	F-B, S-Y	Category 10. "Away from" lead and its compounds.	Substance.	0236
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CHARGES, SHAPED, FLEXIBLE, LINEAR".	0237
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "ROCKETS, LINE-THROWING".	0238
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "ROCKETS, LINE-THROWING".	0240
–	–	–	F-B, S-X	Category 10. When containing ammonium compounds, "Away from" chlorates or perchlorates and explosives containing chlorates or perchlorates.	Substance. See glossary of terms in appendix B for "EXPLOSIVE, BLASTING, TYPE E".	0241
–	–	–	F-B, S-X	Category 10	See glossary of terms in appendix B for "CHARGES, PROPELLING, FOR CANNON".	0242
–	–	–	F-B, S-X	Category 08. On-deck stowage is always recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When underdeck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for "AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge".	0243
–	–	–	F-B, S-X	Category 08. On-deck stowage is always recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When underdeck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for "AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge".	0244
–	–	–	F-B, S-X	Category 08. On-deck stowage is always recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When underdeck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for "AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge".	0245
–	–	–	F-B, S-X	Category 08. On-deck stowage is always recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When underdeck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for "AMMUNITION, SMOKE, WHITE PHOSPHORUS, with burster, expelling charge or propelling charge".	0246
–	–	–	F-B, S-X	Category 04 under-deck: Segregated from other explosives as for class 3	See glossary of terms in appendix B for "AMMUNITION, INCENDIARY liquid or gel, with burster, expelling charge or propelling charge".	0247

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0248	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	1.2L	4.3	–	274	None	P144	PP77	–	–
0249	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	1.3L	4.3	–	274	None	P144	PP77	–	–
0250	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1.3L	–	–	–	None	P101	–	–	–
0254	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.3G	–	–	–	None	P130 LP101	PP67 L1	–	–
0255	DETONATORS, ELECTRIC for blasting	1.4B	–	–	–	None	P131	–	–	–
0257	FUZES, DETONATING	1.4B	–	–	–	None	P141	–	–	–
0266	OCTOLITE (OCTOL) dry or wetted with less than 15% water, by mass	1.1D	–	–	–	None	P112 (a), (b) or (c)	–	–	–
0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	–	–	–	None	P131	PP68	–	–
0268	BOOSTERS WITH DETONATOR	1.2B	–	–	–	None	P133	PP69	–	–
0271	CHARGES, PROPELLING	1.1C	–	–	–	None	P143	PP76	–	–
0272	CHARGES, PROPELLING	1.3C	–	–	–	None	P143	PP76	–	–
0275	CARTRIDGES, POWER DEVICE	1.3C	–	–	–	None	P134 LP102	–	–	–
0276	CARTRIDGES, POWER DEVICE	1.4C	–	–	–	None	P134 LP102	–	–	–
0277	CARTRIDGES, OIL WELL	1.3C	–	–	–	None	P134 LP102	–	–	–
0278	CARTRIDGES, OIL WELL	1.4C	–	–	–	None	P134 LP102	–	–	–
0279	CHARGES, PROPELLING, FOR CANNON	1.1C	–	–	–	None	P130	–	–	–
0280	ROCKET MOTORS	1.1C	–	–	–	None	P130 LP101	PP67 L1	–	–
0281	ROCKET MOTORS	1.2C	–	–	–	None	P130 LP101	PP67 L1	–	–
0282	NITROGUANIDINE (PICRITE) dry or wetted with less than 20% water, by mass	1.1D	–	–	–	None	P112 (a), (b) or (c)	–	–	–
0283	BOOSTERS without detonator	1.2D	–	–	–	None	P132 (a) or (b)	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-Y	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When underdeck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for “CONTRIVANCES, WATER-ACTIVATED, with burster, expelling charge or propelling charge”	0248
–	–	–	F-B, S-Y	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When underdeck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for “CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge”	0249
–	–	–	F-B, S-X	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When underdeck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for “ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge”.	0250
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge”.	0254
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for “DETONATORS, ELECTRIC for blasting”.	0255
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for “FUZES, DETONATING”.	0257
–	–	–	F-B, S-Y	Category 10	Substance. Mixtures of mass detonating explosives.	0266
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for “DETONATORS, NON-ELECTRIC for blasting”.	0267
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “BOOSTERS, WITH DETONATOR”.	0268
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CHARGES, PROPELLING”.	0271
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CHARGES, PROPELLING”.	0272
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CARTRIDGES, POWER DEVICE”.	0275
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for “CARTRIDGES, POWER DEVICE”.	0276
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CARTRIDGES, OIL WELL”.	0277
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for “CARTRIDGES, OIL WELL”.	0278
–	–	–	F-B, S-X	Category 10	See glossary of terms in appendix B for “CHARGES, PROPELLING, FOR CANNON”.	0279
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “ROCKET MOTORS”.	0280
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “ROCKET MOTORS”.	0281
–	–	–	F-B, S-Y	Category 10	Substance.	0282
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “BOOSTERS without detonator”.	0283

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0284	GRENADDES hand or rifle, with bursting charge	1.1D	–	–	–	None	P141	–	–	–
0285	GRENADDES hand or rifle, with bursting charge	1.2D	–	–	–	None	P141	–	–	–
0286	WARHEADS, ROCKET with bursting charge	1.1D	–	–	–	None	P130 LP101	PP67 L1	–	–
0287	WARHEADS, ROCKET with bursting charge	1.2D	–	–	–	None	P130 LP101	PP67 L1	–	–
0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	–	–	–	None	P138	–	–	–
0289	CORD, DETONATING flexible	1.4D	–	–	–	None	P139	PP71 PP72	–	–
0290	CORD (FUSE), DETONATING metal-clad	1.1D	–	–	–	None	P139	PP71	–	–
0291	BOMBS with bursting charge	1.2F	–	–	–	None	P130	–	–	–
0292	GRENADDES hand or rifle, with bursting charge	1.1F	–	–	–	None	P141	–	–	–
0293	GRENADDES hand or rifle, with bursting charge	1.2F	–	–	–	None	P141	–	–	–
0294	MINES with bursting charge	1.2F	–	–	–	None	P130	–	–	–
0295	ROCKETS with bursting charge	1.2F	–	–	–	None	P130	–	–	–
0296	SOUNDING DEVICES, EXPLOSIVE	1.1F	–	–	–	None	P134 LP102	–	–	–
0297	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1.4G	–	–	–	None	P130 LP101	PP67 L1	–	–
0299	BOMBS, PHOTO-FLASH	1.3G	–	–	–	None	P130 LP101	PP67 L1	–	–
0300	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1.4G	–	–	–	None	P130 LP101	PP67 L1	–	–
0301	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1.4G	6.1/8	–	–	None	P130 LP101	PP67 L1	–	–
0303	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1.4G	See SP204	–	204	None	P130 LP101	PP67 L1	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “GRENADES hand or rifle, with bursting charge (1)”.	0284
–	–	–	F-B, S-Y	Category 07	See glossary of terms in appendix B for “GRENADES hand or rifle, with bursting charge (1)”.	0285
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “WARHEADS, ROCKET with bursting charge (1)”.	0286
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “WARHEADS, ROCKET with bursting charge (1)”.	0287
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CHARGES, SHAPED, FLEXIBLE, LINEAR”.	0288
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for “CORD, DETONATING flexible”.	0289
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for “CORD (FUSE), DETONATING metal-clad”.	0290
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for “BOMBS with bursting charge (1)”.	0291
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for “GRENADES hand or rifle, with bursting charge (1)”.	0292
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for “GRENADES hand or rifle, with bursting charge (1)”.	0293
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for “MINES with bursting charge (1)”.	0294
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for “ROCKETS with bursting charge (1)”.	0295
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for “SOUNDING DEVICES, EXPLOSIVE”.	0296
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for “AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge”.	0297
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “BOMBS, PHOTO-FLASH (3)”.	0299
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for “AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge”.	0300
–	–	–	F-B, S-Z	On-deck stowage is always recommended. Category 04 for projectiles or cartridges for guns, cannons or mortars; or Category 08 for other types. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under-deck special stowage is required, see 7.1.7.1.7.	See glossary of terms in appendix B for “AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge”.	0301
–	–	–	F-B, S-X	On-deck stowage is always recommended. Category 04 for projectiles or cartridges for guns, cannons or mortars; or Category 08 for other types. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under-deck special stowage is required, see 7.1.7.1.7.	See glossary of terms in appendix B for “AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge”.	0303

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0305	FLASH POWDER	1.3G	–	–	–	None	P113	PP49	–	–
0306	TRACERS FOR AMMUNITION	1.4G	–	–	–	None	P133	PP69	–	–
0312	CARTRIDGES, SIGNAL	1.4G	–	–	–	None	P135	–	–	–
0313	SIGNALS, SMOKE	1.2G	–	–	–	None	P135	–	–	–
0314	IGNITERS	1.2G	–	–	–	None	P142	–	–	–
0315	IGNITERS	1.3G	–	–	–	None	P142	–	–	–
0316	FUZES, IGNITING	1.3G	–	–	–	None	P141	–	–	–
0317	FUZES, IGNITING	1.4G	–	–	–	None	P141	–	–	–
0318	GRENADES, PRACTICE hand or rifle	1.3G	–	–	–	None	P141	–	–	–
0319	PRIMERS, TUBULAR	1.3G	–	–	–	None	P133	–	–	–
0320	PRIMERS, TUBULAR	1.4G	–	–	–	None	P133	–	–	–
0321	CARTRIDGES FOR WEAPONS with bursting charge	1.2E	–	–	–	None	P130 LP101	PP67 L1	–	–
0322	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1.2L	–	–	–	None	P101	–	–	–
0323	CARTRIDGES, POWER DEVICE	1.4S	–	–	–	None	P134 LP102	–	–	–
0324	PROJECTILES with bursting charge	1.2F	–	–	–	None	P130	–	–	–
0325	IGNITERS	1.4G	–	–	–	None	P142	–	–	–
0326	CARTRIDGES FOR WEAPONS, BLANK	1.1C	–	–	–	None	P130	–	–	–
0327	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1.3C	–	–	–	None	P130	–	–	–
0328	CARTRIDGES FOR WEAPONS, INERT PROJECTILE	1.2C	–	–	–	None	P130 LP101	PP67 L1	–	–
0329	TORPEDOES with bursting charge	1.1E	–	–	–	None	P130 LP101	PP67 L1	–	–
0330	TORPEDOES with bursting charge	1.1F	–	–	–	None	P130	–	–	–
0331	EXPLOSIVE, BLASTING, TYPE B (AGENT, BLASTING, TYPE B)	1.5D	–	–	–	None	P116	PP61 PP62 PP64 PP65	IBC100	–
0332	EXPLOSIVE, BLASTING, TYPE E (AGENT, BLASTING, TYPE E)	1.5D	–	–	–	None	P116	PP61 PP62 PP65	IBC100	–
0333	FIREWORKS	1.1G	–	–	–	None	P135	–	–	–
0333	FIREWORKS	1.4S	–	–	–	None	P135	–	–	–
0334	FIREWORKS	1.2G	–	–	–	None	P135	–	–	–
0335	FIREWORKS	1.3G	–	–	–	None	P135	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-Y	Category 15	Substance. Flash powders are pyrotechnic substances which are very sensitive to friction, sparks and electrostatic discharges.	0305
–	–	–	F-B, S-X	Category 06	'See glossary of terms in appendix B for "TRACERS FOR AMMUNITION".	0306
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CARTRIDGES, SIGNAL".	0312
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "SIGNALS, SMOKE".	0313
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "IGNITERS".	0314
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "IGNITERS".	0315
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "FUZES, IGNITING".	0316
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "FUZES, IGNITING".	0317
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "GRENADES, PRACTICE hand or rifle".	0318
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "PRIMERS, TUBULAR".	0319
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "PRIMERS, TUBULAR".	0320
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS with bursting charge (2)".	0321
–	–	–	F-B, S-X	Category 08. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When underdeck special stowage is required, see 7.1.7.1.7	See glossary of terms in appendix B for "ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge".	0322
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "CARTRIDGES, POWER DEVICE".	0323
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "PROJECTILES with bursting charge (1)".	0324
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "IGNITERS".	0325
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS, BLANK".	0326
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS, BLANK".	0327
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS, INERT PROJECTILE".	0328
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "TORPEDOES with bursting charge (1)".	0329
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "TORPEDOES with bursting charge (2)".	0330
–	T1	TP1 TP17 TP32	F-B, S-Y	Category 10. When containing ammonium compounds, "Away from" chlorates or perchlorates and explosives containing chlorates or perchlorates.	Substance. See glossary of terms in appendix B for "EXPLOSIVE, BLASTING, TYPE B".	0331
–	T1	TP1 TP17 TP32	F-B, S-Y	Category 10. When containing ammonium compounds, "Away from" chlorates or perchlorates and explosives containing chlorates and perchlorates.	Substance. See glossary of terms in appendix B for "EXPLOSIVE, BLASTING, TYPE E".	0332
–	–	–	F-B, S-X	Category 07	Pyrotechnic articles designed for entertainment.	0333
–	–	–	F-B, S-X	Category 05	Pyrotechnic articles designed for entertainment.	0333
–	–	–	F-B, S-X	Category 07	Pyrotechnic articles designed for entertainment.	0334
–	–	–	F-B, S-X	Category 07	Pyrotechnic articles designed for entertainment.	0335

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0336	FIREWORKS	1.4G	–	–	–	None	P135	–	–	–
0338	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1.4C	–	–	–	None	P130	–	–	–
0339	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1.4C	–	–	–	None	P130	–	–	–
0340	NITROCELLULOSE dry or wetted with less than 25% water (or alcohol), by mass	1.1D	–	–	–	None	P112 (a) or (b)	–	–	–
0341	NITROCELLULOSE unmodified or plasticized with less than 18% plasticizing substance, by mass	1.1D	–	–	–	None	P112 (b)	–	–	–
0342	NITROCELLULOSE, WETTED with not less than 25% alcohol, by mass	1.3C	–	–	105	None	P114 (a)	PP43	–	–
0343	NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass	1.3C	–	–	105	None	P111	–	–	–
0344	PROJECTILES with bursting charge	1.4D	–	–	–	None	P130 LP101	PP67 L1	–	–
0345	PROJECTILES inert, with tracer	1.4S	–	–	–	None	P130 LP101	PP67 L1	–	–
0346	PROJECTILES with burster or expelling charge	1.2D	–	–	–	None	P130 LP101	PP67 L1	–	–
0347	PROJECTILES with burster or expelling charge	1.4D	–	–	–	None	P130 LP101	PP67 L1	–	–
0348	CARTRIDGES FOR WEAPONS with bursting charge	1.4F	–	–	–	None	P130	–	–	–
0349	ARTICLES, EXPLOSIVE, N.O.S.	1.4S	–	–	178 274	None	P101	–	–	–
0350	ARTICLES, EXPLOSIVE, N.O.S.	1.4B	–	–	178 274	None	P101	–	–	–
0351	ARTICLES, EXPLOSIVE, N.O.S.	1.4C	–	–	178 274	None	P101	–	–	–
0352	ARTICLES, EXPLOSIVE, N.O.S.	1.4D	–	–	178 274	None	P101	–	–	–
0353	ARTICLES, EXPLOSIVE, N.O.S.	1.4G	–	–	178 274	None	P101	–	–	–
0354	ARTICLES, EXPLOSIVE, N.O.S.	1.1L	See SP943	–	178 274	None	P101	–	–	–
0355	ARTICLES, EXPLOSIVE, N.O.S.	1.2L	See SP943	–	178 274	None	P101	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-X	Category 06	Pyrotechnic articles designed for entertainment.	0336
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for “CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK”.	0338
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for “CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS”.	0339
–	–	–	F-B, S-Y	Category 13. For containers non-metallic lining is necessary.	Substance.	0340
–	–	–	F-B, S-Y	Category 13. For containers non-metallic lining is necessary.	Substance.	0341
–	–	–	F-B, S-Y	Category 10	Substance.	0342
–	–	–	F-B, S-Y	Category 10	Substance.	0343
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for “PROJECTILES with bursting charge (2)”.	0344
–	–	–	F-B, S-X	Category 01	See glossary of terms in appendix B for “PROJECTILES inert, with tracer”.	0345
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for “PROJECTILES with burster or expelling charge (1)”.	0346
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for “PROJECTILES with burster or expelling charge (1)”.	0347
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for “CARTRIDGES FOR WEAPONS with bursting charge (1)”.	0348
–	–	–	F-B, S-X	Category 05	–	0349
–	–	–	F-B, S-X	Category 06	–	0350
–	–	–	F-B, S-X	Category 06	–	0351
–	–	–	F-B, S-X	Category 06	–	0352
–	–	–	F-B, S-X	Category 06	–	0353
–	–	–	F-B, S-X	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under deck special stowage is required, see 7.1.7.1.7	–	0354
–	–	–	F-B, S-X	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under deck special stowage is required, see 7.1.7.1.7	–	0355

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0356	ARTICLES, EXPLOSIVE, N.O.S.	1.3L	See SP943	–	178 274	None	P101	–	–	–
0357	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1L	–	–	178 274	None	P101	–	–	–
0358	SUBSTANCES, EXPLOSIVE, N.O.S.	1.2L	–	–	178 274	None	P101	–	–	–
0359	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3L	–	–	178 274	None	P101	–	–	–
0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	–	–	–	None	P131	–	–	–
0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	–	–	–	None	P131	–	–	–
0362	AMMUNITION, PRACTICE	1.4G	–	–	–	None	P130 LP101	PP67 L1	–	–
0363	AMMUNITION, PROOF	1.4G	–	–	–	None	P130 LP101	PP67 L1	–	–
0364	DETONATORS FOR AMMUNITION	1.2B	–	–	–	None	P133	–	–	–
0365	DETONATORS FOR AMMUNITION	1.4B	–	–	–	None	P133	–	–	–
0366	DETONATORS FOR AMMUNITION	1.4S	–	–	–	None	P133	–	–	–
0367	FUZES, DETONATING	1.4S	–	–	–	None	P141	–	–	–
0368	FUZES, IGNITING	1.4S	–	–	–	None	P141	–	–	–
0369	WARHEADS, ROCKET with bursting charge	1.1F	–	–	–	None	P130	–	–	–
0370	WARHEADS, ROCKET with burster or expelling charge	1.4D	–	–	–	None	P130 LP101	PP67 L1	–	–
0371	WARHEADS, ROCKET with burster or expelling charge	1.4F	–	–	–	None	P130	–	–	–
0372	GRENADES, PRACTICE hand or rifle	1.2G	–	–	–	None	P141	–	–	–
0373	SIGNAL DEVICES, HAND	1.4S	–	–	–	None	P135	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-X	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under deck special stowage is required, see 7.1.7.1.7	–	0356
–	–	–	F-B, S-Y	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under deck special stowage is required, see 7.1.7.1.7	–	0357
–	–	–	F-B, S-Y	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under deck special stowage is required, see 7.1.7.1.7	–	0358
–	–	–	F-B, S-Y	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under deck special stowage is required, see 7.1.7.1.7	–	0359
–	–	–	F-B, S-X	Category 11	See glossary of terms in appendix B for "DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting".	0360
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting".	0361
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for "AMMUNITION, PRACTICE".	0362
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for "AMMUNITION, PROOF".	0363
–	–	–	F-B, S-X	Category 11	See glossary of terms in appendix B for "DETONATORS FOR AMMUNITION".	0364
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "DETONATORS FOR AMMUNITION".	0365
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "DETONATORS FOR AMMUNITION".	0366
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "FUZES, DETONATING".	0367
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "FUZES, IGNITING".	0368
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "WARHEADS, ROCKET with bursting charge (2)".	0369
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for "WARHEADS, ROCKET with burster or expelling charge (1)".	0370
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "WARHEADS, ROCKET with burster or expelling charge (2)".	0371
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "GRENADES, PRACTICE hand or rifle".	0372
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "SIGNAL DEVICES, HAND".	0373

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0374	SOUNDING DEVICES, EXPLOSIVE	1.1D	–	–	–	None	P134 LP102	–	–	–
0375	SOUNDING DEVICES, EXPLOSIVE	1.2D	–	–	–	None	P134 LP102	–	–	–
0376	PRIMERS, TUBULAR	1.4S	–	–	–	None	P133	–	–	–
0377	PRIMERS, CAP TYPE	1.1B	–	–	–	None	P133	–	–	–
0378	PRIMERS, CAP TYPE	1.4B	–	–	–	None	P133	–	–	–
0379	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4C	–	–	–	None	P136	–	–	–
0380	ARTICLES, PYROPHORIC	1.2L	–	–	–	None	P101	–	–	–
0381	CARTRIDGES, POWER DEVICE	1.2C	–	–	–	None	P134 LP102	–	–	–
0382	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.2B	–	–	178 274	None	P101	–	–	–
0383	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4B	–	–	178 274	None	P101	–	–	–
0384	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4S	–	–	178 274	None	P101	–	–	–
0385	5-NITROBENZOTRIAZOL	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0386	TRINITROBENZENESULPHONIC ACID	1.1D	–	–	–	None	P112 (b) or (c)	PP26	–	–
0387	TRINITROFLUORENONE	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0388	TRINITROTOLUENE (TNT) AND TRINITROBENZENE MIXTURE or TRINITROTOLUENE (TNT) AND HEXANITROSTILBENE MIXTURE	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0389	TRINITROTOLUENE (TNT) MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0390	TRITONAL	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0391	CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), AND CYCLOTETRAMETHYLENETETRA-NITRAMINE (HMX; OCTOGEN) MIXTURE, WETTED with not less than 15% water, by mass or CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX) AND CYCLOTETRAMETHYLENETETRA-NITRAMINE (HMX; OCTOGEN) MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	1.1D	–	–	266	None	P112 (a) or (b)	–	–	–
0392	HEXANITROSTILBENE	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0393	HEXOTONAL	1.1D	–	–	–	None	P112 (b)	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "SOUNDING DEVICES, EXPLOSIVE (2)".	0374
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "SOUNDING DEVICES, EXPLOSIVE (2)".	0375
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "PRIMERS, TUBULAR".	0376
–	–	–	F-B, S-X	Category 11	See glossary of terms in appendix B for "PRIMERS, CAP TYPE".	0377
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "PRIMERS, CAP TYPE".	0378
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CASES, CARTRIDGE, EMPTY, WITH PRIMER".	0379
–	–	–	F-B, S-X	Category 08. On-deck stowage is recommended. Steel cargo transport units, which prevent leakage of contents, shall be used when stowed on deck on a cargo ship. When under deck special stowage is required, see 7.1.7.1.7.	See glossary of terms in appendix B for "ARTICLES, PYROPHORIC".	0380
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CARTRIDGES, POWER DEVICE".	0381
–	–	–	F-B, S-X	Category 11	Articles containing an explosive designed to transmit the detonation or deflagration within an explosive train.	0382
–	–	–	F-B, S-X	Category 06	Articles containing an explosive designed to transmit the detonation or deflagration within an explosive train.	0383
–	–	–	F-B, S-X	Category 05	Articles containing an explosive designed to transmit the detonation or deflagration within an explosive train.	0384
–	–	–	F-B, S-Y	Category 10	Substance.	0385
–	–	–	F-B, S-Y	Category 10. "Away from" lead and its compounds.	Substance.	0386
–	–	–	F-B, S-Y	Category 10	Substance.	0387
–	–	–	F-B, S-Y	Category 10	Substance.	0388
–	–	–	F-B, S-Y	Category 10	Substance.	0389
–	–	–	F-B, S-Y	Category 10	Tritonal is a substance consisting of trinitrotoluene (TNT) mixed with aluminium.	0390
–	–	–	F-B, S-Y	Category 10	Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0391
–	–	–	F-B, S-Y	Category 10	Substance. Mass detonating explosive.	0392
–	–	–	F-B, S-Y	Category 10	Substance. Mass detonating explosive.	0393

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0394	TRINITRORESORCINOL (STYPHNIC ACID), WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1.1D	–	–	–	None	P112 (a)	PP26	–	–
0395	ROCKET MOTORS, LIQUID FUELLED	1.2J	–	–	–	None	P101	–	–	–
0396	ROCKET MOTORS, LIQUID FUELLED	1.3J	–	–	–	None	P101	–	–	–
0397	ROCKETS, LIQUID FUELLED with bursting charge	1.1J	–	–	–	None	P101	–	–	–
0398	ROCKETS, LIQUID FUELLED with bursting charge	1.2J	–	–	–	None	P101	–	–	–
0399	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1.1J	–	–	–	None	P101	–	–	–
0400	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1.2J	–	–	–	None	P101	–	–	–
0401	DIPICRYL SULPHIDE dry or wetted with less than 10% water, by mass	1.1D	–	–	–	None	P112 (a), (b) or (c)	–	–	–
0402	AMMONIUM PERCHLORATE	1.1D	–	–	152	None	P112 (b) or (c)	–	–	–
0403	FLARES, AERIAL	1.4G	–	–	–	None	P135	–	–	–
0404	FLARES, AERIAL	1.4S	–	–	–	None	P135	–	–	–
0405	CARTRIDGES, SIGNAL	1.4S	–	–	–	None	P135	–	–	–
0406	DINITROSOBENZENE	1.3C	–	–	–	None	P114 (b)	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-Y	Category 10 "Away from" lead and its compounds.	Substance. Mass detonating explosive.	0394
–	–	–	F-B, S-X	Category 04. "Separated from" division 1.4 and "Separated longitudinally by an intervening complete compartment or hold from" divisions 1.1, 1.2, 1.3, 1.5 and 1.6 except from explosives of compatibility group J.	See glossary of terms in appendix B for "ROCKET MOTORS, LIQUID FUELLED".	0395
–	–	–	F-B, S-X	Category 04. "Separated from" division 1.4 and "Separated longitudinally by an intervening complete compartment or hold from" divisions 1.1, 1.2, 1.3, 1.5 and 1.6 except from explosives of compatibility group J.	See glossary of terms in appendix B for "ROCKET MOTORS, LIQUID FUELLED".	0396
–	–	–	F-B, S-X	Category 04. "Separated from" division 1.4 and "Separated longitudinally by an intervening complete compartment or hold from" divisions 1.1, 1.2, 1.3, 1.5 and 1.6 except from explosives of compatibility group J.	See glossary of terms in appendix B for "ROCKETS, LIQUID-FUELLED with bursting charge".	0397
–	–	–	F-B, S-X	Category 04. "Separated from" division 1.4 and "Separated longitudinally by an intervening complete compartment or hold from" divisions 1.1, 1.2, 1.3, 1.5 and 1.6 except from explosives of compatibility group J.	See glossary of terms in appendix B for "ROCKETS, LIQUID-FUELLED with bursting charge".	0398
–	–	–	F-B, S-X	Category 04. "Separated from" division 1.4 and "Separated longitudinally by an intervening complete compartment or hold from" divisions 1.1, 1.2, 1.3, 1.5 and 1.6 except from explosives of compatibility group J.	See glossary of terms in appendix B for "BOMBS, WITH FLAMMABLE LIQUID with bursting charge".	0399
–	–	–	F-B, S-X	Category 04. "Separated from" division 1.4 and "Separated longitudinally by an intervening complete compartment or hold from" divisions 1.1, 1.2, 1.3, 1.5 and 1.6 except from explosives of compatibility group J.	See glossary of terms in appendix B for "BOMBS, WITH FLAMMABLE LIQUID with bursting charge".	0400
–	–	–	F-B, S-Y	Category 10	Substance.	0401
–	–	–	F-B, S-Y	Category 10. "Away from" explosives containing chlorates or perchlorates.	Substance.	0402
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "FLARES, AERIAL".	0403
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "FLARES, AERIAL".	0404
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "CARTRIDGES, SIGNAL".	0405
–	–	–	F-B, S-Y	Category 10	Substance.	0406

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0407	TETRAZOL-1-ACETIC ACID	1.4C	–	–	–	None	P114 (b)	–	–	–
0408	FUZES, DETONATING with protective features	1.1D	–	–	–	None	P141	–	–	–
0409	FUZES, DETONATING with protective features	1.2D	–	–	–	None	P141	–	–	–
0410	FUZES, DETONATING with protective features	1.4D	–	–	–	None	P141	–	–	–
0411	PENTAERYTHRITOL TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN) with not less than 7% wax, by mass	1.1D	–	–	131	None	P112 (b) or (c)	–	–	–
0412	CARTRIDGES FOR WEAPONS with bursting charge	1.4E	–	–	–	None	P130 LP101	PP67 L1	–	–
0413	CARTRIDGES FOR WEAPONS, BLANK	1.2C	–	–	–	None	P130	–	–	–
0414	CHARGES, PROPELLING, FOR CANNON	1.2C	–	–	–	None	P130	–	–	–
0415	CHARGES, PROPELLING	1.2C	–	–	–	None	P143	PP76	–	–
0417	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1.3C	–	–	–	None	P130	–	–	–
0418	FLARES, SURFACE	1.1G	–	–	–	None	P135	–	–	–
0419	FLARES, SURFACE	1.2G	–	–	–	None	P135	–	–	–
0420	FLARES, AERIAL	1.1G	–	–	–	None	P135	–	–	–
0421	FLARES, AERIAL	1.2G	–	–	–	None	P135	–	–	–
0424	PROJECTILES inert, with tracer	1.3G	–	–	–	None	P130 LP101	PP67 L1	–	–
0425	PROJECTILES inert, with tracer	1.4G	–	–	–	None	P130 LP101	PP67 L1	–	–
0426	PROJECTILES with burster or expelling charge	1.2F	–	–	–	None	P130	–	–	–
0427	PROJECTILES with burster or expelling charge	1.4F	–	–	–	None	P130	–	–	–
0428	ARTICLES, PYROTECHNIC for technical purposes	1.1G	–	–	–	None	P135	–	–	–
0429	ARTICLES, PYROTECHNIC for technical purposes	1.2G	–	–	–	None	P135	–	–	–
0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	–	–	–	None	P135	–	–	–
0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	–	–	–	None	P135	–	–	–
0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	–	–	–	None	P135	–	–	–
0433	POWDER CAKE (POWDER PASTE), WETTED with not less than 17% alcohol, by mass	1.1C	–	–	266	None	P111	–	–	–
0434	PROJECTILES with burster or expelling charge	1.2G	–	–	–	None	P130 LP101	PP67 L1	–	–
0435	PROJECTILES with burster or expelling charge	1.4G	–	–	–	None	P130 LP101	PP67 L1	–	–
0436	ROCKETS with expelling charge	1.2C	–	–	–	None	P130 LP101	PP67 L1	–	–
0437	ROCKETS with expelling charge	1.3C	–	–	–	None	P130 LP101	PP67 L1	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-Y	Category 09	Substance.	0407
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "FUZES, DETONATING with protective features".	0408
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "FUZES, DETONATING with protective features".	0409
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "FUZES, DETONATING with protective features".	0410
–	–	–	F-B, S-Y	Category 10	Substance.	0411
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS with bursting charge (2)".	0412
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS, BLANK".	0413
–	–	–	F-B, S-X	Category 10	See glossary of terms in appendix B for "CHARGES, PROPELLING, FOR CANNON".	0414
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CHARGES, PROPELLING".	0415
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS".	0417
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "FLARES, SURFACE".	0418
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "FLARES, SURFACE".	0419
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "FLARES, AERIAL".	0420
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "FLARES, AERIAL".	0421
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "'PROJECTILES inert, with tracer".	0424
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for "'PROJECTILES inert, with tracer".	0425
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "'PROJECTILES with burster or expelling charge (2)".	0426
–	–	–	F-B, S-X	Category 08	See glossary of terms in appendix B for "'PROJECTILES with burster or expelling charge (2)".	0427
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "ARTICLES, PYROTECHNIC for technical purposes".	0428
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "ARTICLES, PYROTECHNIC for technical purposes".	0429
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "ARTICLES, PYROTECHNIC for technical purposes".	0430
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "ARTICLES, PYROTECHNIC for technical purposes".	0431
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "ARTICLES, PYROTECHNIC for technical purposes".	0432
–	–	–	F-B, S-Y	Category 10	Substance consisting of nitrocellulose impregnated with not more than 60% of nitroglycerin or other liquid organic nitrates or a mixture of these. This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.	0433
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "'PROJECTILES with burster or expelling charge (3)".	0434
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for "'PROJECTILES with burster or expelling charge (3)".	0435
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "ROCKETS with expelling charge".	0436
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "ROCKETS with expelling charge".	0437

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0438	ROCKETS with expelling charge	1.4C	–	–	–	None	P130 LP101	PP67 L1	–	–
0439	CHARGES, SHAPED without detonator	1.2D	–	–	–	None	P137	PP70	–	–
0440	CHARGES, SHAPED without detonator	1.4D	–	–	–	None	P137	PP70	–	–
0441	CHARGES, SHAPED without detonator	1.4S	–	–	–	None	P137	PP70	–	–
0442	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.1D	–	–	–	None	P137	–	–	–
0443	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.2D	–	–	–	None	P137	–	–	–
0444	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.4D	–	–	–	None	P137	–	–	–
0445	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1.4S	–	–	–	None	P137	–	–	–
0446	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1.4C	–	–	–	None	P136	–	–	–
0447	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1.3C	–	–	–	None	P136	–	–	–
0448	5-MERCAPTOTETRAZOL-1-ACETIC ACID	1.4C	–	–	–	None	P114 (b)	–	–	–
0449	TORPEDOES, LIQUID-FUELLED with or without bursting charge	1.1J	–	–	–	None	P101	–	–	–
0450	TORPEDOES, LIQUID-FUELLED with inert head	1.3J	–	–	–	None	P101	–	–	–
0451	TORPEDOES with bursting charge	1.1D	–	–	–	None	P130 LP101	PP67 L1	–	–
0452	GRENADES, PRACTICE hand or rifle	1.4G	–	–	–	None	P141	–	–	–
0453	ROCKETS, LINE-THROWING	1.4G	–	–	–	None	P130	–	–	–
0454	IGNITERS	1.4S	–	–	–	None	P142	–	–	–
0455	DETONATORS, NON-ELECTRIC for blasting	1.4S	–	–	–	None	P131	PP68	–	–
0456	DETONATORS, ELECTRIC for blasting	1.4S	–	–	–	None	P131	–	–	–
0457	CHARGES, BURSTING, PLASTICS BONDED	1.1D	–	–	–	None	P130	–	–	–
0458	CHARGES, BURSTING, PLASTICS BONDED	1.2D	–	–	–	None	P130	–	–	–
0459	CHARGES, BURSTING, PLASTICS-BONDED	1.4D	–	–	–	None	P130	–	–	–
0460	CHARGES, BURSTING, PLASTICS-BONDED	1.4S	–	–	–	None	P130	–	–	–
0461	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.1B	–	–	178 274	None	P101	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for "ROCKETS with expelling charge".	0438
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CHARGES, SHAPED without detonator".	0439
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CHARGES, SHAPED without detonator".	0440
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "CHARGES, SHAPED without detonator".	0441
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CHARGES, EXPLOSIVE COMMERCIAL without detonator".	0442
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CHARGES, EXPLOSIVE COMMERCIAL without detonator".	0443
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CHARGES, EXPLOSIVE COMMERCIAL without detonator".	0444
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "CHARGES, EXPLOSIVE COMMERCIAL without detonator".	0445
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CASES COMBUSTIBLE, EMPTY, WITHOUT PRIMER".	0446
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CASES COMBUSTIBLE, EMPTY, WITHOUT PRIMER".	0447
–	–	–	F-B, S-Y	Category 09	Substance.	0448
–	–	–	F-B, S-X	Category 04. "Separated from" division 1.4 and "Separated longitudinally by an intervening complete compartment or hold from" divisions 1.1, 1.2, 1.3, 1.5 and 1.6 except from explosives of compatibility group J.	See glossary of terms in appendix B for "TORPEDOES LIQUID-FUELLED with or without bursting charge".	0449
–	–	–	F-B, S-X	Category 04. "Separated from" division 1.4 and "Separated longitudinally by an intervening complete compartment or hold from" divisions 1.1, 1.2, 1.3, 1.5 and 1.6 except from explosives of compatibility group J.	See glossary of terms in appendix B for "TORPEDOES LIQUID-FUELLED with inert head".	0450
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "TORPEDOES with bursting charge (3)".	0451
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "GRENADES, PRACTICE hand or rifle".	0452
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "ROCKETS, LINE-THROWING".	0453
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "IGNITERS".	0454
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "DETONATORS, NON-ELECTRIC for blasting".	0455
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "DETONATORS, ELECTRIC, for blasting".	0456
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CHARGES, BURSTING, PLASTICS BONDED".	0457
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "CHARGES, BURSTING, PLASTICS BONDED".	0458
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CHARGES, BURSTING, PLASTICS BONDED".	0459
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "CHARGES, BURSTING, PLASTICS BONDED".	0460
–	–	–	F-B, S-X	Category 11	Articles containing an explosive designed to transmit the detonation or deflagration within an explosive train.	0461

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0462	ARTICLES, EXPLOSIVE, N.O.S.	1.1C	-	-	178 274	None	P101	-	-	-
0463	ARTICLES, EXPLOSIVE, N.O.S.	1.1D	-	-	178 274	None	P101	-	-	-
0464	ARTICLES, EXPLOSIVE, N.O.S.	1.1E	-	-	178 274	None	P101	-	-	-
0465	ARTICLES, EXPLOSIVE, N.O.S.	1.1F	-	-	178 274	None	P101	-	-	-
0466	ARTICLES, EXPLOSIVE, N.O.S.	1.2C	-	-	178 274	None	P101	-	-	-
0467	ARTICLES, EXPLOSIVE, N.O.S.	1.2D	-	-	178 274	None	P101	-	-	-
0468	ARTICLES, EXPLOSIVE, N.O.S.	1.2E	-	-	178 274	None	P101	-	-	-
0469	ARTICLES, EXPLOSIVE, N.O.S.	1.2F	-	-	178 274	None	P101	-	-	-
0470	ARTICLES, EXPLOSIVE, N.O.S.	1.3C	-	-	178 274	None	P101	-	-	-
0471	ARTICLES, EXPLOSIVE, N.O.S.	1.4E	-	-	178 274	None	P101	-	-	-
0472	ARTICLES, EXPLOSIVE, N.O.S.	1.4F	-	-	178 274	None	P101	-	-	-
0473	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1A	-	-	178 274	None	P101	-	-	-
0474	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1C	-	-	178 274	None	P101	-	-	-
0475	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1D	-	-	178 274	None	P101	-	-	-
0476	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1G	-	-	178 274	None	P101	-	-	-
0477	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3C	-	-	178 274	None	P101	-	-	-
0478	SUBSTANCES, EXPLOSIVE, N.O.S.	1.3G	-	-	178 274	None	P101	-	-	-
0479	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4C	-	-	178 274	None	P101	-	-	-
0480	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4D	-	-	178 274	None	P101	-	-	-
0481	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4S	-	-	178 274	None	P101	-	-	-
0482	SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE (SUBSTANCES, EVI), N.O.S.	1.5D	-	-	178 274	None	P101	-	-	-
0483	CYCLOTETRAMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED	1.1D	-	-	-	None	P112 (b) or (c)	-	-	-
0484	CYCLOTETRAMETHYLENE-TETRANITRAMINE (OCTOGEN; HMX), DESENSITIZED	1.1D	-	-	-	None	P112 (b) or (c)	-	-	-
0485	SUBSTANCES, EXPLOSIVE, N.O.S.	1.4G	-	-	178 274	None	P101	-	-	-
0486	ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)	1.6N	-	-	-	None	P101	-	-	-
0487	SIGNALS, SMOKE	1.3G	-	-	-	None	P135	-	-	-
0488	AMMUNITION, PRACTICE	1.3G	-	-	-	None	P130 LP101	PP67 L1	-	-
0489	DINITROGLYCOLURIL (DINGU)	1.1D	-	-	-	None	P112 (b) or (c)	-	-	-

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-X	Category 07	–	0462
–	–	–	F-B, S-X	Category 07	–	0463
–	–	–	F-B, S-X	Category 07	–	0464
–	–	–	F-B, S-X	Category 08	–	0465
–	–	–	F-B, S-X	Category 07	–	0466
–	–	–	F-B, S-X	Category 07	–	0467
–	–	–	F-B, S-X	Category 07	–	0468
–	–	–	F-B, S-X	Category 08	–	0469
–	–	–	F-B, S-X	Category 07	–	0470
–	–	–	F-B, S-X	Category 06	–	0471
–	–	–	F-B, S-X	Category 08	–	0472
–	–	–	F-B, S-Y	Category 12	–	0473
–	–	–	F-B, S-Y	Category 10	–	0474
–	–	–	F-B, S-Y	Category 10	–	0475
–	–	–	F-B, S-Y	Category 08	–	0476
–	–	–	F-B, S-Y	Category 10	–	0477
–	–	–	F-B, S-Y	Category 08	–	0478
–	–	–	F-B, S-Y	Category 09	–	0479
–	–	–	F-B, S-Y	Category 09	–	0480
–	–	–	F-B, S-Y	Category 05	–	0481
–	–	–	F-B, S-Y	Category 10	–	0482
–	–	–	F-B, S-Y	Category 10	Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.	0483
–	–	–	F-B, S-Y	Category 10	Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.	0484
–	–	–	F-B, S-Y	Category 08	–	0485
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)".	0486
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "SIGNALS, SMOKE".	0487
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "AMMUNITION, PROOF".	0488
–	–	–	F-B, S-Y	Category 10	Substance.	0489

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0490	NITROTRIAZOLONE (NTO)	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0491	CHARGES, PROPELLING	1.4C	–	–	–	None	P143	PP76	–	–
0492	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.3G	–	–	–	None	P135	–	–	–
0493	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1.4G	–	–	–	None	P135	–	–	–
0494	JET PERFORATING GUNS, CHARGED oil well, without detonator	1.4D	–	–	–	None	P101	–	–	–
0495	PROPELLANT, LIQUID	1.3C	–	–	224	None	P115	PP53 PP54 PP57 PP58	–	–
0496	OCTONAL	1.1D	–	–	–	None	P112 (b) or (c)	–	–	–
0497	PROPELLANT, LIQUID	1.1C	–	–	224	None	P115	PP53 PP54 PP57 PP58	–	–
0498	PROPELLANT, SOLID	1.1C	–	–	–	None	P114 (b)	–	–	–
0499	PROPELLANT, SOLID	1.3C	–	–	–	None	P114 (b)	–	–	–
0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	–	–	–	None	P131	–	–	–
0501	PROPELLANT, SOLID	1.4C	–	–	–	None	P114 (b)	–	–	–
0502	ROCKETS with inert head	1.2C	–	–	–	None	P130 LP101	PP67 L1	–	–
0503	AIR BAG INFLATORS or AIR BAG MODULES or SEAT-BELT PRETENSIONERS	1.4G	–	–	235 289	None	P135	–	–	–
0504	1H-TETRAZOLE	1.1D	–	–	–	None	P112 (c)	PP48	–	–
1001	ACETYLENE, DISSOLVED	2.1	–	–	–	None	P200	–	–	–
1002	AIR, COMPRESSED	2.2	–	–	292	120 mℓ	P200	–	–	–
1003	AIR, REFRIGERATED LIQUID	2.2	5.1	–	–	None	P203	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-Y	Category 10	Substance.	0490
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "CHARGES, PROPELLING".	0491
–	–	–	F-B, S-X	Category 07	See glossary of terms in appendix B for "SIGNALS, RAILWAY TRACK, EXPLOSIVE".	0492
–	–	–	F-B, S-X	Category 06	See glossary of terms in appendix B for "SIGNALS, RAILWAY TRACK, EXPLOSIVE".	0493
–	–	–	F-B, S-X	Category 06	Articles consisting of a steel tube or metallic strip containing shaped charges connected by detonating cord, without means of initiation.	0494
–	–	–	F-B, S-Y	Category 10	Substances consisting of a deflagrating liquid explosive used for propulsion.	0495
–	–	–	F-B, S-Y	Category 10	Substance. Mixtures of mass detonating explosives.	0496
–	–	–	F-B, S-Y	Category 10	Substances consisting of a deflagrating liquid explosive used for propulsion.	0497
–	–	–	F-B, S-Y	Category 13 for on deck stowage non-metallic liner necessary if not in sealed sift-proof packages. Category 10 when in effectively sealed, sift-proof packages. For containers non-metallic lining is necessary.	Substances consisting of a deflagrating solid explosive used for propulsion.	0498
–	–	–	F-B, S-Y	Category 13 for on-deck stowage non-metallic liner necessary if not in sealed sift-proof packages; or Category 10 when in effectively sealed, sift-proof packages. For containers non-metallic lining is necessary.	Substances consisting of a deflagrating solid explosive used for propulsion.	0499
–	–	–	F-B, S-X	Category 05	See glossary of terms in appendix B for "DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting".	0500
–	–	–	F-B, S-X	Category 09	Substances consisting of a detonating solid used for propulsion.	0501
–	–	–	F-B, S-X	Category 03	See glossary of terms in appendix B for "ROCKETS with inert head".	0502
–	–	–	F-B, S-X	Category 02	See glossary of terms in appendix B for "AIR BAG INFLATORS or AIR BAG MODULES or SEAT-BELT PRETENSIONERS".	0503
–	–	–	F-B, S-Y	Category 10	Substance.	0504
–	–	–	<u>F-D, S-U</u>	Category D. Shade from radiant heat. Clear of living quarters. "Separated from" chlorine.	Flammable gas with slight odour. Explosive limits: 2.1% to 80%. Lighter than air (0.907). Rough handling and exposure to local heating should be avoided, since these conditions may result in delayed explosion. Empty cylinders should be carried with the same precautions as filled cylinders.	1001
–	–	–	F-C, S-V	Category A.	Non-flammable gas.	1002
–	T75	TP5 TP22	<u>F-C, S-W</u>	Category D.	Liquefied, non-flammable gas. Strong oxidizing agent. Mixtures of liquid air with combustible materials or oils may explode. May ignite organic materials.	1003

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1005	AMMONIA, ANHYDROUS	2.3	8	–	23	None	P200	–	–	–
1006	ARGON, COMPRESSED	2.2	–	–	–	120 mℓ	P200	–	–	–
1008	BORON TRIFLUORIDE	2.3	8	–	–	None	P200	–	–	–
1009	BROMOTRIFLUOROMETHANE (REFRIGERANT GAS R 13B1)	2.2	–	–	–	120 mℓ	P200	–	–	–
1010	BUTADIENES, STABILIZED or BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED with more than 40% butadienes	2.1	–	–	–	None	P200	–	–	–
1011	BUTANE	2.1	–	–	–	None	P200	–	–	–
1012	BUTYLENE	2.1	–	–	–	None	P200	–	–	–
1013	CARBON DIOXIDE	2.2	–	–	911	120 mℓ	P200	–	–	–
1016	CARBON MONOXIDE, COMPRESSED	2.3	2.1	–	–	None	P200	–	–	–
1017	CHLORINE	2.3	8 P	–	–	None	P200	–	–	–
1018	CHLORODIFLUOROMETHANE (REFRIGERANT GAS R 22)	2.2	–	–	–	120 mℓ	P200	–	–	–
1020	CHLOROPENTAFLUOROETHANE (REFRIGERANT GAS R 115)	2.2	–	–	–	120 mℓ	P200	–	–	–
1021	1-CHLORO-1,2,2,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 124)	2.2	–	–	–	120 mℓ	P200	–	–	–
1022	CHLOROTRIFLUOROMETHANE (REFRIGERANT GAS R 13)	2.2	–	–	–	120 mℓ	P200	–	–	–
1023	COAL GAS, COMPRESSED	2.3	2.1	–	–	None	P200	–	–	–
1026	CYANOGEN	2.3	2.1	–	–	None	P200	–	–	–
1027	CYCLOPROPANE	2.1	–	–	–	None	P200	–	–	–
1028	DICHLORODIFLUOROMETHANE (REFRIGERANT GAS R 12)	2.2	–	–	–	120 mℓ	P200	–	–	–
1029	DICHLOROFLUOROMETHANE (REFRIGERANT GAS R 21)	2.2	–	–	–	120 mℓ	P200	–	–	–
1030	1,1-DIFLUOROETHANE (REFRIGERANT GAS R 152a)	2.1	–	–	–	None	P200	–	–	–
1032	DIMETHYLAMINE, ANHYDROUS	2.1	–	–	–	None	P200	–	–	–
1033	DIMETHYL ETHER	2.1	–	–	–	None	P200	–	–	–
1035	ETHANE	2.1	–	–	–	None	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T50	–	F-C, S-U	Category D. Clear of living quarters. "Separated from" chlorine. "Separated from" acids.	Liquefied, non-flammable, toxic and corrosive gas with a pungent odour. Lighter than air (0.6). Highly irritating to skin, eyes and mucous membranes. Suffocating in low concentrations. Even though this substance has a flammability hazard, it only exhibits such hazard under extreme fire conditions in confined areas. Reacts violently with acids.	1005
–	–	–	F-C, S-V	Category A.	Inert gas. Heavier than air (1.4).	1006
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive gas. Forms dense white corrosive fumes in moist air. Reacts violently with water, evolving hydrogen fluoride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to glass and most metals. Much heavier than air (2.35). Highly irritating to skin, eyes and mucous membranes.	1008
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas with a slight odour. Much heavier than air (5.2).	1009
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable gas with an unpleasant odour. Explosive limits: 2% to 12%. Heavier than air (1.84).	1010
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon gas. Explosive limits: 1.8% to 8.4%. Heavier than air (2.11).	1011
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon gas. Explosive limits: 1.6% to 10%. Heavier than air (2.0).	1012
–	–	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Heavier than air (1.5). Cannot remain in the liquid state above 31°C.	1013
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Flammable, toxic, odourless gas. Explosive limits: 12% to 75%. Slightly lighter than air (0.97).	1016
–	T50	TP19	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive yellow gas with a pungent odour. Corrosive to glass and to most metals. Much heavier than air (2.4). Highly irritating to skin, eyes and mucous membranes.	1017
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas with a chloroform-like odour. Much heavier than air (3.0).	1018
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air (5.4).	1020
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air (4.7).	1021
–	–	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air (3.6). Cannot remain in the liquid state above 29°C.	1022
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Flammable, toxic gas. Explosive limits: 4.5% to 40%. Much lighter than air (0.4 to 0.6).	1023
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable, toxic gas with a pungent odour. Explosive limits: 6.6% to 43%. Heavier than air (1.9).	1026
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon gas. Heavier than air.	1027
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air (4.2).	1028
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas with a chloroform-like odour. Much heavier than air (3.6). Boiling point: 9°C.	1029
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Flammable gas. Explosive limits: 5% to 17%. Much heavier than air (2.3).	1030
–	T50	–	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable gas with an ammonia-like odour. Heavier than air (1.6). Boiling point: 7°C. Suffocating in low concentrations.	1032
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Flammable gas with a chloroform-like odour. Heavier than air (1.6).	1033
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Flammable gas. Explosive limits: 3% to 16%. Slightly heavier than air (1.05).	1035

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1036	ETHYLAMINE	2.1	–	–	912	None	P200	–	–	–
1037	ETHYL CHLORIDE	2.1	–	–	–	None	P200	–	–	–
1038	ETHYLENE, REFRIGERATED LIQUID	2.1	–	–	–	None	P203	–	–	–
1039	ETHYL METHYL ETHER	2.1	–	–	–	None	P200	–	–	–
1040	ETHYLENE OXIDE or ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50°C	2.3	2.1	–	–	None	P200	–	–	–
1041	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87% ethylene oxide	2.1	–	–	–	None	P200	–	–	–
1043	FERTILIZER AMMONIATING SOLUTION with free ammonia	2.2	–	–	–	120 mℓ	P200	–	–	–
1044	FIRE EXTINGUISHERS with compressed or liquefied gas	2.2	–	–	225	120 mℓ	P003	–	–	–
1045	FLUORINE, COMPRESSED	2.3	5.1/8	–	–	None	P200	–	–	–
1046	HELIUM, COMPRESSED	2.2	–	–	–	120 mℓ	P200	–	–	–
1048	HYDROGEN BROMIDE, ANHYDROUS	2.3	8	–	–	None	P200	–	–	–
1049	HYDROGEN, COMPRESSED	2.1	–	–	–	None	P200	–	–	–
1050	HYDROGEN CHLORIDE, ANHYDROUS	2.3	8	–	–	None	P200	–	–	–
1051	HYDROGEN CYANIDE, STABILIZED containing less than 3% water	6.1	3 P	I	–	None	P200	–	–	–
1052	HYDROGEN FLUORIDE, ANHYDROUS	8	6.1	I	–	None	P200	–	–	–
1053	HYDROGEN SULPHIDE	2.3	2.1	–	–	None	P200	–	–	–
1055	ISOBUTYLENE	2.1	–	–	–	None	P200	–	–	–
1056	KRYPTON, COMPRESSED	2.2	–	–	–	120 mℓ	P200	–	–	–
1057	LIGHTERS or LIGHTER REFILLS containing flammable gas	2.1	–	–	201	None	P002	PP84	–	–
1058	LIQUEFIED GASES non-flammable, charged with nitrogen, carbon dioxide or air	2.2	–	–	–	120 mℓ	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T50	–	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable gas with an ammonia-like odour. Explosive limits: 3.5% to 14%. Heavier than air (1.6). Boiling point: 17°C.	1036
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable gas. Explosive limits: 3.5% to 15%. Much heavier than air (2.2). Boiling point: 13°C.	1037
–	T75	TP5	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable gas. Explosive limits: 3% to 34%. Lighter than air (0.98).	1038
–	–	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable gas. Explosive limits: 2% to 10%. Much heavier than air (2.1). Boiling point: 11°C.	1039
TP91	T50	TP20 TP90	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable, toxic gases with an ether-like odour. Heavier than air (1.5). Boiling point: 11°C.	1040
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable gas with an ether-like odour. Heavier than air (1.5).	1041
–	–	–	F-C, S-V	Category E. Clear of living quarters.	Non-flammable aqueous solution of ammonium nitrate, calcium nitrate, urea and their mixtures containing ammonia gas. Emits toxic vapours of ammonia.	1043
–	–	–	F-C, S-V	Category A.	Fire extinguishers, containing compressed or liquefied gases under pressure above 175 kPa for expelling fire-extinguishing contents.	1044
–	–	–	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	Non-flammable, toxic and corrosive pale yellowish gas with a pungent odour. Powerful oxidant which may cause fire. Reacts with water or moist air to produce toxic and corrosive fumes. Corrosive to glass and to most metals. Will explode when mixed with hydrogen. Heavier than air (1.3). Highly irritating to skin, eyes and mucous membranes.	1045
–	–	–	F-C, S-V	Category A.	Inert gas. Much lighter than air (0.14).	1046
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive gas with a pungent odour. Highly corrosive in the presence of water. Much heavier than air (3.6). Highly irritating to the skin, eyes and mucous membranes.	1048
–	–	–	F-D, S-U	Category E. Clear of living quarters. "Separated from" chlorine.	Flammable, odourless gas. Explosive limits: 4% to 75%. Much lighter than air (0.07).	1049
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive colourless gas with a pungent odour. Highly corrosive in the presence of water. Heavier than air (1.3). Highly irritating to skin, eyes and mucous membranes.	1050
–	–	–	F-E, S-D	Category D. Clear of living quarters.	Very volatile, colourless flammable liquid, evolving extremely toxic flammable vapours. Boiling point: 26°C. Flashpoint: –18°C c.c. Miscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	1051
–	T10	TP2	F-C, S-U	Category D. Clear of living quarters.	Colourless, fuming and highly volatile liquid with an irritating and pungent odour. Highly corrosive to metals and glass in the presence of moisture. Boiling point: 20°C. Toxic if swallowed, by skin contact or by inhalation. Causes severe burns to skin, eyes and mucous membranes.	1052
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable, toxic gas with a foul odour. Heavier than air (1.2).	1053
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon gas. Explosive limits: 1.8% to 8.8%. May contain propane, cyclopropane, propylene, butane, butylene, etc., in varying proportions. Heavier than air (1.94).	1055
–	–	–	F-C, S-V	Category A.	Inert gas. Much heavier than air (2.9).	1056
–	–	–	F-D, S-U	Category B. Clear of living quarters.	Lighters or lighter refills containing butane or other flammable gas.	1057
–	–	–	F-C, S-V	Category A.	Non-flammable gases or mixtures of such gases which are used for filling receptacles from which the contents are to be dispersed under pressure. Vapour may be heavier than air.	1058

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1060	METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED	2.1	–	–	–	None	P200	–	–	–
1061	METHYLAMINE, ANHYDROUS	2.1	–	–	–	None	P200	–	–	–
1062	METHYL BROMIDE with not more than 2.0% chloropicrin	2.3	–	–	23	None	P200	–	–	–
1063	METHYL CHLORIDE (REFRIGERANT GAS R 40)	2.1	–	–	–	None	P200	–	–	–
1064	METHYL MERCAPTAN	2.3	2.1 P	–	–	None	P200	–	–	–
1065	NEON, COMPRESSED	2.2	–	–	–	120 ml	P200	–	–	–
1066	NITROGEN, COMPRESSED	2.2	–	–	–	120 ml	P200	–	–	–
1067	DINITROGEN TETROXIDE (NITROGEN DIOXIDE)	2.3	5.1/8	–	–	None	P200	–	–	–
1069	NITROSYL CHLORIDE	2.3	8	–	–	None	P200	–	–	–
1070	NITROUS OXIDE	2.2	5.1	–	–	None	P200	–	–	–
1071	OIL GAS, COMPRESSED	2.3	2.1	–	–	None	P200	–	–	–
1072	OXYGEN, COMPRESSED	2.2	5.1	–	–	None	P200	–	–	–
1073	OXYGEN, REFRIGERATED LIQUID	2.2	5.1	–	–	None	P203	–	–	–
1075	PETROLEUM GASES, LIQUEFIED	2.1	– •	–	–	None	P200	–	–	–
1076	PHOSGENE	2.3	8	–	–	None	P200	–	–	–
1077	PROPYLENE	2.1	–	–	–	None	P200	–	–	–
1078	REFRIGERANT GAS, N.O.S.	2.2	– •	–	274	120 ml	P200	–	–	–
1079	SULPHUR DIOXIDE	2.3	8	–	–	None	P200	–	–	–
1080	SULPHUR HEXAFLUORIDE	2.2	–	–	–	120 ml	P200	–	–	–
1081	TETRAFLUOROETHYLENE, STABILIZED	2.1	–	–	–	None	P200	–	–	–
1082	TRIFLUOROCHLOROETHYLENE, STABILIZED	2.3	2.1	–	–	None	P200	–	–	–
1083	TRIMETHYLAMINE, ANHYDROUS	2.1	–	–	–	None	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Flammable gas. Explosive limits: 3% to 11%. Heavier than air (1.4).	1060
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable gas with an ammonia-like odour. Heavier than air (1.09).	1061
–	T50	–	F-C, S-U	Category D. Clear of living quarters.	Liquefied, toxic gas with a chloroform-like odour. Much heavier than air (3.3). Boiling point: 4.5°C. Even though this substance has a flammability hazard, it only exhibits such hazard under extreme fire conditions in confined areas.	1062
–	T50	–	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable gas. Explosive limits: 8% to 20%. Heavier than air (1.8).	1063
–	T50	–	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable, toxic gas with a foul odour. Heavier than air (1.7). Boiling point: 6°C.	1064
–	–	–	F-C, S-V	Category A.	Inert gas. Lighter than air (0.7).	1065
–	–	–	F-C, S-V	Category A.	Non-flammable, odourless gas. Lighter than air (0.97).	1066
–	T50	TP21	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	Liquefied, non-flammable, toxic and corrosive gas which gives off brown vapours with a pungent odour. Strong oxidizing agent. Corrosive in the presence of water. Heavier than air (1.6). Boiling point: 21°C. Highly irritating to skin, eyes and mucous membranes. Toxic by inhalation, with delayed effect, similar to phosgene.	1067
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic yellow gas with an irritating odour. Corrosive to steel. Much heavier than air (2.3). Highly irritating to skin, eyes and mucous membranes.	1069
–	–	–	F-C, S-W	Category A. Clear of living quarters.	Non-flammable gas. Strong oxidizing agent. Heavier than air (1.5).	1070
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Flammable, toxic gas. A mixture of hydrocarbons and carbon monoxide.	1071
–	–	–	F-C, S-W	Category A.	Non-flammable, odourless gas. Strong oxidizing agent. Heavier than air (1.1).	1072
–	T75	TP5 TP22	F-C, S-W	Category D.	Liquefied, non-flammable gas. Strong oxidizing agent. Mixtures of liquid oxygen with acetylene or oils may explode.	1073
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon gases or mixtures obtained from natural gas or by distillation of mineral oils or coal, etc. May contain propane, cyclopropane, propylene, butane, butylene, etc., in varying proportions. Heavier than air.	1075
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Liquefied, non-flammable, toxic and corrosive gas with a foul odour. Corrosive in the presence of water. Much heavier than air (3.5). Boiling point: 8°C. Highly irritating to skin, eyes and mucous membranes. This gas is particularly dangerous in that it may be inhaled without immediate effect but can cause severe damage and death after a few hours' delay.	1076
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon gas. Explosive limits: 2% to 11.1%. Heavier than air (1.5).	1077
–	T50	–	F-C, S-V	Category A.	Different chlorofluorohydrocarbons or other non-flammable, non-toxic gases considered as refrigerant agents.	1078
–	T50	TP19	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive gas with a pungent odour. Much heavier than air (2.3). Highly irritating to skin, eyes and mucous membranes.	1079
–	–	–	F-C, S-V	Category A.	Liquefied, non-flammable, odourless gas. Much heavier than air (5.1).	1080
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Liquefied, flammable gas. Explosive limits: 11% to 60%. Much heavier than air (3.5). Irritating to skin, eyes and mucous membranes.	1081
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Flammable, toxic, odourless gas. Explosive limits: 8.4% to 38.7%. Much heavier than air (4.0).	1082
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable gas with a fishy odour. Explosive limits: 2% to 12%. Much heavier than air (2.1). Boiling point: 3°C.	1083

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1085	VINYL BROMIDE, STABILIZED	2.1	–	–	–	None	P200	–	–	–
1086	VINYL CHLORIDE, STABILIZED	2.1	–	–	–	None	P200	–	–	–
1087	VINYL METHYL ETHER, STABILIZED	2.1	–	–	–	None	P200	–	–	–
1088	ACETAL	3	–	II	–	1 ℓ	P001	–	IBC02	–
1089	ACETALDEHYDE	3	–	I	–	None	P001	–	–	–
1090	ACETONE (ACETONE SOLUTIONS)	3	–	II	–	1 ℓ	P001	–	IBC02	–
1091	ACETONE OILS	3	–	II	–	1 ℓ	P001	–	IBC02	–
1092	ACROLEIN, STABILIZED	6.1	3 P	I	–	None	P601	–	–	–
1093	ACRYLONITRILE, STABILIZED	3	6.1	I	–	None	P001	–	–	–
1098	ALLYL ALCOHOL	6.1	3	I	–	None	P602	–	–	–
1099	ALLYL BROMIDE	3	6.1 P	I	–	None	P001	–	–	–
1100	ALLYL CHLORIDE	3	6.1	I	–	None	P001	–	–	–
1104	AMYL ACETATES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1105	PENTANOLS	3	–	II	–	1 ℓ	P001	–	IBC02	–
1105	PENTANOLS	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1106	AMYLAMINES	3	8	II	–	1 ℓ	P001	–	IBC02	–
1106	AMYLAMINES	3	8	III	223	5 ℓ	P001	–	IBC03	–
1107	AMYL CHLORIDES	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable gas. Much heavier than air (3.7). Boiling point: 16°C.	1085
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable gas. Explosive limits: 4% to 31%. Much heavier than air (2.2).	1086
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable gas. Explosive limits: 2.6% to 39%. Heavier than air (2.0). Boiling point: 6°C.	1087
T3	T4	TP1	F-E, S-D	Category E.	Colourless, volatile liquid with an agreeable odour. Flashpoint: below –18°C c.c. Explosive limits: 1.6 to 10.4%. Miscible with water.	1088
–	T11	TP2 TP7	F-E, S-D	Category E.	Colourless liquid with a pungent, fruity odour. Flashpoint: –27°C c.c. Explosive limits: 4% to 57%. Boiling point: 21°C. Miscible with water. Harmful if swallowed or by inhalation.	1089
T3	T4	TP1	F-E, S-D	Category E.	Colourless, clear liquid, with a characteristic mint-like odour. Flashpoint: –20°C to –18°C c.c. Explosive limits: 2.5% to 13%. Miscible with water.	1090
T1	T4	TP1 TP8	F-E, S-D	Category B.	Light yellow to brownish, oily liquids. Flashpoint: –4°C to 8°C c.c. Immiscible with water.	1091
T10	T14	TP2 TP7 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless or yellow liquid, with a most irritating odour. Flashpoint: –26°C c.c. Explosive limits: 2.8% to 31%. Boiling point: 52°C. Miscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	1092
T10	T14	TP2 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless, mobile liquid with a mild pungent odour. Flashpoint: –5°C c.c. Explosive limits: 3% to 17%. Partially miscible with water. Toxic if swallowed, by skin contact or by inhalation. Practice has shown that this substance may leak from packagings that ordinarily are leakproof to other chemicals.	1093
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless liquid with a pungent mustard-like odour. Flashpoint: 21°C c.c. Explosive limits: 2.5% to 18%. Miscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	1098
T10	T14	TP2 TP13	F-E, S-D	Category B. Clear of living quarters.	Colourless to light yellow liquid with an irritating odour. Flashpoint: –1°C c.c. Explosive limits: 4.4% to 7.3%. Immiscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	1099
T10	T14	TP2 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid with an unpleasant pungent odour. Flashpoint: –29°C c.c. Explosive limits: 3.3% to 11.1%. Boiling point: 44°C. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	1100
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids with a pear- or banana-like odour. <i>normal</i> -AMYL ACETATE: flashpoint 25°C c.c. <i>secondary</i> -AMYL ACETATE: flashpoint 32°C c.c. Immiscible with water.	1104
T1	T4	TP1 TP29	F-E, S-D	Category B.	Colourless liquids with a strong odour. Immiscible with water. <i>tertiary</i> -AMYL ALCOHOL: flashpoint 19°C to 21°C c.c.	1105
T1	T2	TP1	F-E, S-D	Category A.	See entry above. Explosive limits: 1.2% to 10.5%.	1105
T1	T7	TP1	F-E, S-C	Category B.	Colourless, clear liquids. Explosive limits 2.2% to 22%, <i>normal</i> -AMYLAMINE (1-PENTYLAMINE): flashpoint 4°C c.c. <i>tertiary</i> -AMYLAMINE (3-PENTYLAMINE): flashpoint 2°C c.c. Miscible with water. Harmful by inhalation. Cause burns to skin, eyes and mucous membranes.	1106
T1	T4	TP1	F-E, S-C	Category A.	See entry above. However, irritating to skin, eyes and mucous membranes.	1106
T1	T4	TP1	F-E, S-D	Category B.	Colourless or light brown liquids with an aromatic odour. <i>n</i> -Amyl chloride: Flashpoint: 11°C. Explosive limits: <i>normal</i> -AMYL CHLORIDE 1.4% to 8.6%. Immiscible with water.	1107

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1108	1-PENTENE (<i>n</i> -AMYLENE)	3	–	I	–	None	P001	–	–	–
1109	AMYL FORMATES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1110	AMYL METHYL KETONE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1111	AMYL MERCAPTANS	3	–	II	–	1 ℓ	P001	–	IBC02	–
1112	AMYL NITRATES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1113	AMYL NITRITE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1114	BENZENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1120	BUTANOLS	3	–	II	–	1 ℓ	P001	–	IBC02	–
1120	BUTANOLS	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1123	BUTYL ACETATES	3	–	II	–	1 ℓ	P001	–	IBC02	–
1123	BUTYL ACETATES	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1125	BUTYLAMINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
1126	1-BROMOBUTANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1127	CHLOROBUTANES	3	–	II	–	1 ℓ	P001	–	IBC02	–
1128	BUTYL FORMATE	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
T7	T11	TP2	F-E, S-D	Category E.	Colourless, volatile liquid with a disagreeable odour. Flashpoint: -20°C c.c. Explosive limits: 1.4% to 8.7%. Boiling point: 30°C. Immiscible with water. Irritating to skin, eyes and mucous membranes. Narcotic in high concentrations.	1108
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids with a pleasant odour. <i>normal</i> -AMYL FORMATE: flashpoint 27°C c.c. ISOAMYL FORMATE: flashpoint 26°C c.c. Explosive limits: 1.7% to 10%. Immiscible with water.	1109
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 49°C c.c. Immiscible with water.	1110
-	T4	TP1	F-E, S-D	Category B. "Separated from" foodstuffs and all other odour-absorbing cargoes.	Colourless to yellow liquids with an extremely disagreeable garlic-like odour. <i>tertiary</i> -AMYL MERCAPTAN: flashpoint -7°C c.c. <i>normal</i> -AMYL MERCAPTAN: flashpoint 19°C c.c. ISOAMYL MERCAPTAN: flashpoint 18°C c.c. Immiscible with water. These substances may leak from packagings that ordinarily are leakproof to other chemicals.	1111
T1	T2	TP1	F-E, S-D	Category A. Clear of living quarters.	Colourless liquids with an ether-like odour. <i>normal</i> -AMYL NITRATE: flashpoint 48°C c.c.; ISOAMYL NITRATE: flashpoint 52°C c.c. Immiscible with water. Harmful by inhalation.	1112
-	T4	TP1	F-E, S-D	Category E. Clear of living quarters.	Yellowish, transparent, volatile liquid with a fragrant fruity odour. Flashpoint of the pure ISOAMYL NITRITE: -20°C c.c. Flashpoint of pure <i>normal</i> -AMYL NITRITE: 10°C c.c. Decomposes on exposure to air, light or water, evolving toxic nitrous fumes which are orange in colour. Immiscible with water. Harmful by inhalation.	1113
-	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid with a characteristic odour. Flashpoint: -11°C c.c. Explosive limits: 1.4% to 8%. Freezing point 5°C, flashes below its freezing point. Immiscible with water. Narcotic. Exposure to this substance may produce serious chronic effects of a toxic nature.	1114
T1	T4	TP1 TP29	F-E, S-D	Category B.	Colourless liquids with a disagreeable odour. Explosive limits: <i>normal</i> -BUTANOL 1.4% to 11.2%. <i>secondary</i> -BUTANOL 1.7% to 9.8%. <i>tertiary</i> -BUTANOL 2.4% to 8%. <i>tertiary</i> -BUTANOL solidifies at about 25°C. <i>normal</i> -BUTANOL is immiscible with water. <i>secondary</i> -BUTANOL is immiscible with water. <i>tertiary</i> -BUTANOL is miscible with water. Irritating to skin, eyes and mucous membranes.	1120
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1120
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquids with a pineapple-like odour. Immiscible with water. <i>normal</i> -BUTYL ACETATE: flashpoint 27°C c.c. Explosive limits: 1.5% to 15%.	1123
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1123
T4	T7	TP1	F-E, S-C	Category B. Clear of living quarters.	Flashpoint -9°C c.c. Explosive limits 1.7% to 10%. Colourless, volatile liquid with an ammonia-like odour. Miscible with water. Causes burns to skin, eyes and mucous membranes.	1125
T1	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless to pale straw-coloured, clear liquid. Flashpoint: 13°C c.c. Explosive limits: 2.6% to 6.6%. Immiscible with water. Narcotic.	1126
-	T4	TP1	F-E, S-D	Category B.	Colourless liquids. <i>tertiary</i> -BUTYL CHLORIDE: flashpoint -30°C c.c., boiling point 51°C. Immiscible with water.	1127
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 18°C c.c. Explosive limits: 1.6% to 8.3%. Immiscible with water.	1128

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1129	BUTYRALDEHYDE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1130	CAMPHOR OIL	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1131	CARBON DISULPHIDE	3	6.1	I	953	None	P001	PP31	–	–
1133	ADHESIVES containing flammable liquid	3	– •	I	–	500 ml	P001	–	–	–
1133	ADHESIVES containing flammable liquid	3	– •	II	944	5 ℓ	P001	PP1	IBC02	–
1133	ADHESIVES containing flammable liquid	3	– •	III	223 944 955	5 ℓ	P001 LP01	PP1	IBC03	–
1134	CHLOROBENZENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1135	ETHYLENE CHLOROHYDRIN	6.1	3	I	–	None	P001	–	–	–
1136	COAL TAR DISTILLATES, FLAMMABLE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1136	COAL TAR DISTILLATES, FLAMMABLE	3	–	III	223 955	5 ℓ	P001 LP01	–	IBC03	–
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial purposes such as vehicle under-coating, drum or barrel lining)	3	– •	I	–	500 ml	P001	–	–	–
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial purposes such as vehicle under-coating, drum or barrel lining)	3	– •	II	944	5 ℓ	P001	–	IBC02	–
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial purposes such as vehicle under-coating, drum or barrel lining)	3	– •	III	944 955	5 ℓ	P001 LP01	–	IBC03	–
1143	CROTONALDEHYDE or CROTONALDEHYDE, STABILIZED	6.1	3 P	I	324	None	P001	–	–	–
1144	CROTONYLENE	3	–	I	–	None	P001	–	–	–
1145	CYCLOHEXANE	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a characteristic pungent odour. Flashpoint: –7°C c.c. Explosive limits: 1.4% to 12.5%. Immiscible with water.	1129
T1	T2	TP1	F-E, S-E	Category A.	Colourless oil with a characteristic odour. Flashpoint: 47°C c.c. Immiscible with water.	1130
T10	T14	TP2 TP7 TP13	F-E, S-D	Category D. Clear of living quarters. Prohibited on any ship carrying Class 1 with exceptions as in 7.2.7.1.3.2. See also SP 953.	Colourless or faintly yellow, clear liquid, almost odourless when pure; the commercial substance has a strong disagreeable odour. Flashpoint: –30°C c.c. Explosive limits: 1% to 60%. Boiling point: 46°C. Ignition temperature: 100°C. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation. Vapours are heavier than air, will travel a considerable distance to a source of ignition and will flash back. Vapours may be ignited by contact with an ordinary light bulb or a warm steam pipe.	1131
T1	T11	TP1 TP8 TP27	F-E, S-D	Category E.	Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.	1133
T1	T4	TP1 TP8	F-E, S-D	Category B.	See entry above.	1133
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1133
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid with an almond-like odour. Flashpoint: 29°C c.c. Explosive limits: 1.3% to 11%. Immiscible with water.	1134
–	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless flammable liquid with a faint, ethereal odour. Flashpoint: 60°C o.c. Explosive limits: 4.9% to 15.9%. Miscible with water. When involved in a fire, evolves extremely toxic (phosgene) and corrosive (hydrogen chloride) fumes. Highly toxic if swallowed, by skin contact or by inhalation.	1135
T1	T4	TP1	F-E, <u>S-E</u>	Category B.	Immiscible with water. May form extremely sensitive compounds with heavy metals or their salts.	1136
T1	T4	TP1 TP29	F-E, <u>S-E</u>	Category A.	See entry above.	1136
T1	T11	TP1 TP8 TP27	F-E, <u>S-E</u>	Category E.	Miscibility with water depends upon the composition.	1139
T1	T4	TP1 TP8	F-E, <u>S-E</u>	Category B.	See entry above.	1139
T1	T2	TP1	F-E, <u>S-E</u>	Category A.	See entry above.	1139
T10	T14	TP2 TP13	F-E, S-D	Category B. Clear of living quarters.	Colourless, mobile liquid with a pungent odour. Turns to pale yellow in contact with light and air. Miscible with water. Flashpoint: 13°C c.c. Highly toxic if swallowed, by skin contact or by inhalation. May cause lung damage.	1143
–	T11	TP2	F-E, S-D	Category E.	Colourless liquid. Flashpoint: –53°C c.c. Explosive limits: 1.4% to ... Boiling point: 27°C. Immiscible with water.	1144
–	T4	TP1	F-E, S-D	Category E.	Colourless, mobile liquid with a sweet aromatic odour. Flashpoint: –18°C c.c. Explosive limits: 1.2% to 8.4%. Immiscible with water. Slightly irritating to skin, eyes and mucous membranes. Narcotic in high concentrations.	1145

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1146	CYCLOPENTANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1147	DECAHYDRONAPHTHALENES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1148	DIACETONE ALCOHOL	3	–	II	–	1 ℓ	P001	–	IBC02	–
1148	DIACETONE ALCOHOL	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1149	DIBUTYL ETHERS	3	–	III	–	5 ℓ	P001	–	IBC03	–
1150	1,2-DICHLOROETHYLENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1152	DICHLOROPENTANES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1153	ETHYLENE GLYCOL DIETHYL ETHER	3	–	II	–	1 ℓ	P001	–	IBC02	–
1153	ETHYLENE GLYCOL DIETHYL ETHER	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1154	DIETHYLAMINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
1155	DIETHYL ETHER (ETHYL ETHER)	3	–	I	–	None	P001	–	–	–
1156	DIETHYL KETONE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1157	DIISOBUTYL KETONE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1158	DIISOPROPYLAMINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
1159	DIISOPROPYL ETHER	3	–	II	–	1 ℓ	P001	–	IBC02	–
1160	DIMETHYLAMINE, AQUEOUS SOLUTION	3	8	II	–	1 ℓ	P001	–	IBC02	–
1161	DIMETHYL CARBONATE	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions	(15)	(16)	(17)	(18)
–	T7	TP1	F-E, S-D	Category E.	Colourless liquid with a pungent odour. Flashpoint: below –18°C c.c. Explosive limits: 1.4% to 8%. Boiling point: 49°C. Immiscible with water. Irritating to skin, eyes and mucous membranes. Narcotic in high concentrations.	1146
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids with an aromatic odour. Flashpoint: 52°C to 57°C c.c. Explosive limits: 0.7% to 4.9%. Immiscible with water. Harmful by inhalation.	1147
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Explosive limits: 1.4% to 8%. Miscible with water.	1148
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1148
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids with a mild ether-like odour. Explosive limits: 0.9% to 8.5%. Immiscible with water. <i>normal</i> -DIBUTYL ETHER: flashpoint 25°C c.c.	1149
–	T7	TP2	F-E, S-D	Category B.	Colourless liquid with a chloroform-like odour. Flashpoint: 6°C c.c. Explosive limits: 5.6% to 16%. Immiscible with water. Boiling range: 48°C to 61°C.	1150
T1	T2	TP1	F-E, S-D	Category A.	Light yellow liquids. 1,5-DICHLOROPENTANE: flashpoint 26°C c.c. Immiscible with water.	1152
T1	T4	TP1	F-E, S-D	Category A.	Colourless liquid with an ether-like odour. Flashpoint: 35°C c.c. Immiscible with water.	1153
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1153
–	T7	TP1	F-E, S-C	Category E. Clear of living quarters.	Colourless liquid with an ammonia-like odour. Flashpoint: –39°C c.c. Explosive limits: 1.7% to 10.1%. Boiling point: 55°C. Miscible with water. Harmful if swallowed. Causes burns to skin, eyes and mucous membranes. Higher concentrations cause dangerous lung irritation.	1154
–	T11	TP2	F-E, S-D	Category E. Clear of living quarters.	Colourless, volatile and mobile liquid with a pleasant aromatic odour. Flashpoint: –40°C c.c. Explosive limits: 1.7% to 48%. Boiling point: 34°C. Immiscible with water. In the presence of oxygen or on long standing or exposure to sunlight, unstable peroxides sometimes form; these may explode spontaneously or when heated. Strongly narcotic. Readily ignited by static electricity.	1155
T1	T4	TP1	F-E, S-D	Category B.	Colourless, mobile liquid. Flashpoint: 13°C c.c. Explosive limits: 1.6% to.... Immiscible with water.	1156
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 49°C c.c. Explosive limits: 0.8% to 7.1%. Immiscible with water.	1157
T4	T7	TP1	F-E, S-C	Category B.	Colourless, volatile liquid with a fishy odour. Flashpoint: –7°C c.c. Explosive limits: 1.1% to 7.1%. Partially miscible with water. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes.	1158
–	T4	TP1	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid with an ether-like odour. Flashpoint: –29°C c.c. Explosive limits: 1.1% to 21%. Immiscible with water. In the presence of oxygen or on long standing or exposure to sunlight, unstable peroxides sometimes form; these may explode spontaneously or when heated. Strongly narcotic. Readily ignited by static electricity.	1159
–	T7	TP1	F-E, S-C	Category B. "Separated from" acids.	Aqueous solution of a flammable gas with an ammonia-like odour. Flashpoint for 60% solution in water: –32°C c.c. Explosive limits: 2.8% to 14.4%. Boiling point for 60% solution in water: 36°C. Flashpoint for 25% solution in water: 0°C c.c. Miscible with water. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1160
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Immiscible with water. Flashpoint: 18°C c.c.	1161

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1162	DIMETHYLDICHLOROSILANE	3	8	II	–	None	P001	–	IBC02	–
1163	DIMETHYLHYDRAZINE, UNSYMMETRICAL	6.1	3/8 P	I	–	None	P602	–	–	–
1164	DIMETHYL SULPHIDE	3	–	II	–	1 ℓ	P001	–	IBC02	B8
1165	DIOXANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1166	DIOXOLANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1167	DIVINYL ETHER, STABILIZED	3	–	I	–	None	P001	–	–	–
1169	EXTRACTS, AROMATIC, LIQUID	3	– •	II	944	5 ℓ	P001	–	IBC02	–
1169	EXTRACTS, AROMATIC, LIQUID	3	– •	III	223 944 955	5 ℓ	P001 LP01	–	IBC03	–
1170	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	3	–	II	144 330	3 ℓ	P001	–	IBC02	–
1170	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	3	–	III	144 223 330	5 ℓ	P001 LP01	–	IBC03	–
1171	ETHYLENE GLYCOL MONOETHYL ETHER	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1172	ETHYLENE GLYCOL MONOETHYL ETHER ACETATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1173	ETHYL ACETATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1175	ETHYLBENZENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1176	ETHYL BORATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1177	2-ETHYLBUTYL ACETATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1178	2-ETHYLBUTYRALDEHYDE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1179	ETHYL BUTYL ETHER	3	–	II	–	1 ℓ	P001	–	IBC02	–
1180	ETHYL BUTYRATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1181	ETHYL CHLOROACETATE	6.1	3	II	–	100 ml	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T7	TP2 TP13	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid with a pungent odour. Flashpoint: –9°C c.c. Explosive limits: 1.4% to 9.5%. Immiscible with water. Reacts with water to form a complex mixture of dimethylsiloxanes and evolves hydrogen chloride, a toxic and corrosive gas. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes.	1162
T10	T14	TP2 TP13	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1 and class 8. "Separated from" acids.	Colourless liquid with an ammonia-like odour. Flashpoint: –18°C c.c. Explosive limits: 2% to 95%. Miscible with water, generating heat. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes. May react dangerously with oxidizing substances. Reacts violently with acids.	1163
–	T7	TP2	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid with a disagreeable odour. Flashpoint: –37°C c.c. Explosive limits: 2.2% to 19.7%. Boiling point: 37°C. Immiscible with water. When involved in a fire, evolves toxic gases. Narcotic in high concentrations.	1164
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid with an ether-like odour. Flashpoint: 12°C c.c. Explosive limits: 2% to 22%. Miscible with water. Harmful by inhalation.	1165
–	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid. Flashpoint: 2°C c.c. Miscible with water. Harmful by inhalation.	1166
T7	T11	TP2	F-E, S-D	Category E. Clear of living quarters.	Colourless, clear liquid with a characteristic odour. Flashpoint: –30°C c.c. Explosive limits: 1.7% to 27%. Boiling point: 30°C. Immiscible with water. In the presence of oxygen or on long standing or exposure to sunlight, unstable peroxides sometimes form; these may explode spontaneously or when heated. Strongly narcotic. Readily ignited by static electricity.	1167
T1	T4	TP1 TP8	F-E, S-D	Category B.	Usually consist of alcoholic solutions. Miscibility with water depends upon the composition.	1169
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1169
T1	T4	TP1	F-E, S-D	Category A.	Colourless, volatile liquids. Pure ETHANOL: Flashpoint 13°C c.c. Explosive limits: 3.3% to 19%. Miscible with water.	1170
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1170
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 40°C c.c. Explosive limits: 1.7% to 15.6%. Miscible with water.	1171
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 51°C c.c. Explosive limits: 1.7% to 10.1%. Partially miscible with water.	1172
T2	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a fragrant odour. Flashpoint: –4°C c.c. Explosive limits: 2.18% to 11.5%. Immiscible with water.	1173
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid with an aromatic odour. Flashpoint: 22°C c.c. Explosive limits: 1% to 6.7%. Immiscible with water.	1175
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 11°C c.c. Immiscible with water.	1176
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 54°C o.c. Immiscible with water.	1177
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 11°C c.c. Explosive limits: 1.2% to 7.7%. Immiscible with water.	1178
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: –1°C c.c. Immiscible with water.	1179
T1	T2	TP1	F-E, S-D	Category A.	Colourless, volatile liquid with a pineapple-like odour. Flashpoint: 26°C c.c. Immiscible with water.	1180
–	T7	TP2	F-E, S-D	Category A.	Colourless, flammable liquid with a pungent and fruity odour. Flashpoint: 54°C c.c. Immiscible with water. When heated, evolves toxic and corrosive fumes. Toxic if swallowed, by skin contact or by inhalation.	1181

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1182	ETHYL CHLOROFORMATE	6.1	3/8	I	–	None	P602	–	–	–
1183	ETHYLDICHLOROSILANE	4.3	3/8	I	–	None	P401	PP31	–	–
1184	ETHYLENE DICHLORIDE	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
1185	ETHYLENEIMINE, STABILIZED	6.1	3	I	–	None	P601	–	–	–
1188	ETHYLENE GLYCOL MONOMETHYL ETHER	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1189	ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1190	ETHYL FORMATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1191	OCTYL ALDEHYDES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1192	ETHYL LACTATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1193	ETHYL METHYL KETONE (METHYL ETHYL KETONE)	3	–	II	–	1 ℓ	P001	–	IBC02	–
1194	ETHYL NITRITE, SOLUTION	3	6.1	I	900	None	P099	–	–	–
1195	ETHYL PROPIONATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1196	ETHYLTRICHLOROSILANE	3	8	II	–	None	P001	–	IBC02	–
1197	EXTRACTS, FLAVOURING, LIQUID	3	–	II	944	5 ℓ	P001	–	IBC02	–
1197	EXTRACTS, FLAVOURING, LIQUID	3	–	III	223 944 955	5 ℓ	P001 LP01	–	IBC03	–
1198	FORMALDEHYDE SOLUTION, FLAMMABLE	3	8	III	–	5 ℓ	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T14	TP2 TP13	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	Colourless liquid. Flashpoint: 16°C c.c. Reacts and decomposes with water or heat, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1182
–	T10	TP2 TP7 TP13	F-G, S-O	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" classes 3, 4.1 and 8.	Colourless, very volatile liquid with a pungent odour. Flashpoint: –1°C c.c. Immiscible with water. Reacts violently with water or steam to produce heat which may lead to self-ignition; toxic and corrosive fumes will be evolved. May react vigorously in contact with oxidizing substances. Causes burns to skin, eyes and mucous membranes.	1183
–	T7	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid with a chloroform-like odour. Flashpoint: 13°C c.c. Explosive limits: 6.2% to 15.9%. Immiscible with water. Toxic by inhalation. Irritating to skin, eyes and mucous membranes.	1184
–	–	–	F-E, S-D	Category D. Clear of living quarters.	Colourless oily flammable liquid with a pungent ammonia-like odour. Flashpoint: –13°C c.c. Boiling point: 55°C. Explosive limits: 3.6% to 6.0%. Miscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	1185
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 38°C c.c. Explosive limits: 1.8% to 20%. Miscible with water.	1188
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a characteristic odour. Flashpoint: 44°C c.c. Explosive limits: 1.7% to 8.2%. Miscible with water.	1189
–	T4	TP1	F-E, S-D	Category E.	Colourless liquid with a pleasant aromatic odour. Flashpoint: –20°C c.c. Explosive limits: 3.5% to 16.5%. Boiling point: 54°C. Immiscible with water.	1190
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids with a characteristic odour. Flashpoint: 44°C to 52°C c.c. Explosive limits: 0.9% to 7.2%. Immiscible with water.	1191
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 46°C c.c. Explosive limits: 1.5% to 11.4%. Miscible with water.	1192
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: –1°C c.c. Explosive limits: 1.8% to 11.5%. Miscible with water.	1193
–	–	–	F-E, S-D	Category D. Clear of living quarters.	Alcoholic solution of ethyl nitrite. Extremely volatile, with an aromatic, ethereal odour. Explosive limits of the pure product 3% to 50%. Boiling point of pure product: 17°C. Miscible or partially miscible with water. Decomposes under exposure to air, light, water or heat to evolve toxic nitrous fumes. Toxic if swallowed, by skin contact or by inhalation. Inhalation of ethyl nitrite vapours, even in small quantities, rapidly affects the heart and can be dangerous.	1194
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a pineapple-like odour. Flashpoint: 12°C c.c. Explosive limits: 1.8% to 11%. Immiscible with water.	1195
–	T7	TP2 TP13	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid with a pungent odour. Flashpoint: 14°C c.c. Readily hydrolysed by moisture, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Causes burns to skin and eyes. Irritating to mucous membranes.	1196
T1	T4	TP1 TP8	F-E, S-D	Category B.	Usually consist of alcoholic solutions. Miscibility with water depends upon the composition.	1197
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1197
–	T4	TP1	F-E, S-C	Category A. Clear of living quarters.	Colourless liquids with a pungent odour. Flashpoint: 32–60°C c.c. Miscible with water. Irritating to skin, eyes and mucous membranes.	1198

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1199	FURALDEHYDES	6.1	3	II	–	100 mL	P001	–	IBC02	–
1201	FUSEL OIL	3	–	II	–	1 L	P001	–	IBC02	–
1201	FUSEL OIL	3	–	III	223 955	5 L	P001 LP01	–	IBC03	–
1202	GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT	3	–	III	–	5 L	P001 LP01	–	IBC03	–
1203	MOTOR SPIRIT or GASOLINE or PETROL	3	–	II	243 944	1 L	P001	–	IBC02	–
1204	NITROGLYCERIN SOLUTION IN ALCOHOL with not more than 1% nitroglycerin	3	–	II	–	1 L	P001	PP5	IBC02	–
1206	HEPTANES	3	–	II	–	1 L	P001	–	IBC02	–
1207	HEXALDEHYDE	3	–	III	–	5 L	P001 LP01	–	IBC03	–
1208	HEXANES	3	–	II	–	1 L	P001	–	IBC02	–
1210	PRINTING INK flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	3	–	I	163	500 mL	P001	–	–	–
1210	PRINTING INK flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	3	–	II	163	5 L	P001	PP1	IBC02	–
1210	PRINTING INK flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	3	–	III	163 223 955	5 L	P001 LP01	PP1	IBC03	–
1212	ISOBUTANOL (ISOBUTYL ALCOHOL)	3	–	III	–	5 L	P001 LP01	–	IBC03	–
1213	ISOBUTYL ACETATE	3	–	II	–	1 L	P001	–	IBC02	–
1214	ISOBUTYLAMINE	3	8	II	–	1 L	P001	–	IBC02	–
1216	ISOOCTENES	3	–	II	–	1 L	P001	–	IBC02	–
1218	ISOPRENE, STABILIZED	3	–	I	–	None	P001	–	–	–
1219	ISOPROPANOL (ISOPROPYL ALCOHOL)	3	–	II	–	1 L	P001	–	IBC02	–
1220	ISOPROPYL ACETATE	3	–	II	–	1 L	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
T4	T7	TP2	F-E, S-D	Category A.	Colourless or reddish-brown, mobile liquid with a pungent odour. Miscible with water. Explosive limits for 2-FURALDEHYDE: 2.1% to 19.3%. Flashpoints: 2-FURALDEHYDE 60°C c.c., 3-FURALDEHYDE 48°C c.c. Toxic if swallowed, by skin contact or by inhalation.	1199
T1	T4	TP1	F-E, S-D	Category B.	Colourless, oily liquid with a disagreeable odour. A mixture consisting of amyl alcohols. Immiscible with water.	1201
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1201
T1	T2	TP1	F-E, S-E	Category A.	Immiscible with water.	1202
–	T4	TP1	F-E, S-E	Category E.	Immiscible with water.	1203
–	–	–	F-E, S-D	Category B.	Immiscible with water. Ignites readily. When involved in a fire, evolves toxic nitrous fumes. Not explosive in this state but damage to, or leakage from, a package may allow solvent to evaporate and thus leave the nitroglycerin in an explosive state.	1204
T2	T4	TP1	F-E, S-D	Category B.	Colourless, volatile liquids. Explosive limits: 1.1%–6.7%. <i>n</i> -HEPTANE: flashpoint –4°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	1206
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a pungent odour. Flashpoint: 32°C c.c. Immiscible with water.	1207
–	T4	TP1	F-E, S-D	Category E.	Colourless, volatile liquids with a faint odour. Explosive limits: 1.1% to 7.5%. <i>n</i> -HEXANE: flashpoint –22°C c.c. boiling point 69°C. NEOHXANE: flashpoint –48°C c.c. boiling point 50°C. Immiscible with water. Slightly irritating to skin, eyes and mucous membranes.	1208
T1	T11	TP1 TP8	F-E, S-D	Category E.	Fluid or viscous liquid containing colouring matter in solution or suspension. Miscibility with water depends upon the solvent.	1210
T1	T4	TP1 TP8	F-E, S-D	Category B.	See entry above.	1210
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1210
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a sweet odour. Flashpoint: 28°C c.c. Explosive limits: 1.2% to 10.9%. Partially miscible with water.	1212
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a pineapple-like odour. Flashpoint: 18°C c.c. Explosive limits: 1.3% to 10.5%. Immiscible with water.	1213
T4	T7	TP1	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid. Flashpoint: –9°C c.c. Explosive limits: 3.4% to 9%. Miscible with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	1214
–	T4	TP1	F-E, S-D	Category B.	Colourless liquids. Immiscible with water.	1216
–	T11	TP2	F-E, S-D	Category E.	Colourless, volatile liquid. Flashpoint: –48°C c.c. Explosive limits: 1.5% to 9.7%. Boiling point: 34°C. Immiscible with water.	1218
T1	T4	TP1	F-E, S-D	Category B.	Colourless, mobile liquid. Flashpoint: 12°C c.c. Explosive limits: 2% to 12%. Miscible with water.	1219
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid with an aromatic odour. Flashpoint: 11°C c.c. Explosive limits: 1.8% to 7.8%. Immiscible with water.	1220

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1221	ISOPROPYLAMINE	3	8	I	–	None	P001	–	–	–
1222	ISOPROPYL NITRATE	3	–	II	26	1 ℓ	P099	–	–	–
1223	KEROSENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1224	KETONES, LIQUID, N.O.S.	3	– •	II	274 944	1 ℓ	P001	–	IBC02	–
1224	KETONES, LIQUID, N.O.S.	3	– •	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	II	274 944	1 ℓ	P001	–	IBC02	–
1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	III	223 274 944	5 ℓ	P001	–	IBC03	–
1229	MESITYL OXIDE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1230	METHANOL	3	6.1	II	279	1 ℓ	P001	–	IBC02	–
1231	METHYL ACETATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1233	METHYLAMYL ACETATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1234	METHYLAL	3	–	II	–	1 ℓ	P001	–	IBC02	B8
1235	METHYLAMINE, AQUEOUS SOLUTION	3	8	II	–	1 ℓ	P001	–	IBC02	–
1237	METHYL BUTYRATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1238	METHYL CHLOROFORMATE	6.1	3/8	I	–	None	P602	–	–	–
1239	METHYL CHLOROMETHYL ETHER	6.1	3	I	–	None	P602	–	–	–
1242	METHYLDICHLOROSILANE	4.3	3/8	I	–	None	P401	PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T11	TP2	F-E, S-C	Category E. Clear of living quarters.	Colourless, volatile liquid with an ammonia-like odour. Flashpoint: –37°C c.c. Explosive limits: 2.3% to 10.4%. Boiling point: 32°C. Miscible with water. Harmful if swallowed. Causes burns to skin, eyes and mucous membranes.	1221
–	–	–	F-E, S-D	Category D.	Colourless liquid. Flashpoint: 12°C c.c. Explosive limits: up to 100%. Immiscible with water. May explode on heating. Harmful by inhalation.	1222
T1	T2	TP2	F-E, S-E	Category A.	Immiscible with water.	1223
T2	T7	TP1 TP8 TP28	F-E, S-D	Category B.	–	1224
T2	T4	TP1 TP29	F-E, S-D	Category A.	–	1224
–	T11	TP2 TP27	F-E, S-D	Category B. Clear of living quarters. "Separated from" foodstuffs and all other odour-absorbing cargoes.	Colourless to yellow liquids with a garlic odour. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	1228
T3	T7	TP1 TP28	F-E, S-D	Category B. Clear of living quarters. "Separated from" foodstuffs and all other odour-absorbing cargoes.	See entry above.	1228
T4	T2	TP1	F-E, S-D	Category A.	Colourless, oily liquid with a sweet odour. Flashpoint: 32°C c.c. Miscible with water.	1229
T4	T7	TP2	F-E, S-D	Category B. Clear of living quarters.	Colourless, volatile liquid. Flashpoint: 12°C c.c. Explosive limits: 6% to 36.5%. Miscible with water. Toxic if swallowed; may cause blindness. Avoid skin contact.	1230
–	T4	TP1	F-E, S-D	Category B.	Colourless, volatile liquid with a fragrant odour. Flashpoint: –10°C c.c. Explosive limits: 3% to 16%. Miscible with water.	1231
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 43°C o.c. Immiscible with water.	1233
–	T7	TP2	F-E, S-D	Category E.	Colourless, volatile liquid with a chloroform-like odour. Flashpoint: –28°C c.c. Explosive limits: 3.6% to 12.6%. Boiling point: 42°C. Miscible with water. Irritating to skin, eyes and mucous membranes.	1234
–	T7	TP1	F-E, S-C	Category E. "Separated from" mercury and mercury compounds. "Separated from" acids.	Aqueous solution of a flammable gas having an ammonia-like odour. Explosive limits: 5% to 20.7% (pure product). Boiling point: –7°C (pure product). Commercial product is a 40% solution with: boiling point 48°C, flashpoint –13°C c.c. Miscible with water. May react explosively with mercury. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1235
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 14°C c.c. Immiscible with water.	1237
–	T14	TP2 TP13	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	Colourless liquid. Flashpoint: 5°C c.c. Immiscible with water. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1238
T7	T14	TP2	F-E, S-D	Category D. Clear of living quarters.	Colourless liquid. Flashpoint: below –18°C c.c. Immiscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	1239
–	T10	TP2 TP7 TP13	F-G, S-O	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" classes 3, 4.1 and 8.	Colourless, very volatile liquid with a pungent odour. Flashpoint: –26°C c.c. Explosive limits: 4.5% to 70%. Boiling point: 41°C. Immiscible with water. Reacts violently with water or steam to produce heat which may lead to self-ignition; toxic and corrosive fumes will be evolved. May react vigorously in contact with oxidizing substances. Causes burns to skin, eyes and mucous membranes.	1242

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1243	METHYL FORMATE	3	–	I	–	None	P001	–	–	–
1244	METHYLHYDRAZINE	6.1	3/8	I	–	None	P602	–	–	–
1245	METHYL ISOBUTYL KETONE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1246	METHYL ISOPROPENYL KETONE, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
1247	METHYL METHACRYLATE MONOMER, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
1248	METHYL PROPIONATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1249	METHYL PROPYL KETONE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1250	METHYLTRICHLOROSILANE	3	8	I	–	None	P001	–	–	–
1251	METHYL VINYL KETONE, STABILIZED	6.1	3/8	I	–	None	P601	–	–	–
1259	NICKEL CARBONYL	6.1	3 PP	I	–	None	P601	–	–	–
1261	NITROMETHANE	3	–	II	26	1 ℓ	P099	–	–	–
1262	OCTANES	3	–	II	–	1 ℓ	P001	–	IBC02	–
1263	PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	3	– •	I	163	500 ml	P001	–	–	–
1263	PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	3	– •	II	163 944	5 ℓ	P001	PP1	IBC02	–
1263	PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	3	– •	III	163 223 944 955	5 ℓ	P001 LP01	PP1	IBC03	–
1264	PARALDEHYDE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T11	TP2	F-E, S-D	Category E.	Colourless liquid with an agreeable odour. Flashpoint: –32°C c.c. Explosive limits: 5% to 22.7%. Boiling point: 32°C. Miscible with water.	1243
T10	T14	TP2 TP13	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3 but “Away from” class 4.1 and class 8. “Separated from” acids.	Colourless liquid with an ammonia-like odour. Flashpoint: 20°C c.c. Explosive limits: 2.5% to 98%. Miscible with water. May react dangerously with oxidizing substances. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1244
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a pleasant odour. Flashpoint: 14°C c.c. Explosive limits: 1.4% to 7.5%. Immiscible with water.	1245
T3	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a pleasant odour. Explosive limits: 1.8% to 9%. Immiscible with water.	1246
–	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless, volatile liquid. Flashpoint: 8°C c.c. Explosive limits: 1.5% to 11.6%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	1247
T2	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: –2°C c.c. Explosive limits: 2.4% to 13%. Immiscible with water.	1248
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 7°C c.c. Explosive limits: 1.5% to 8.2%. Immiscible with water.	1249
T7	T11	TP2 TP13	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid with a pungent odour. Flashpoint: 8°C o.c. Explosive limits: 5.1% to 20%. Immiscible with water. Readily hydrolysed by moisture evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, corrosive to most metals. Causes burns to skin and eyes. Irritating to mucous membranes.	1250
T10	T14	TP2 TP13	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3 but “Away from” class 4.1.	Colourless liquid with a pungent odour. Miscible with water. Explosive limits: 2.1% to 15.6%. Flashpoint: –7°C c.c. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1251
–	–	–	F-E, S-D	Category D. Clear of living quarters. PROHIBITED on any ship carrying class 1 with the exceptions listed in 7.2.7.1.3.2.	Colourless or yellow, volatile, flammable liquid. Flashpoint: below –20°C c.c. Oxidizes in air and explodes at a temperature of 60°C. Lower explosive limit: 2.0%. Immiscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	1259
–	–	–	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 35°C c.c. Explosive limits: 7.1% to 63%. Miscible with water. Fire and explosion hazard if package is ruptured.	1261
T1	T4	TP1	F-E, S-E	Category B.	Colourless liquids. Explosive limits: 1% to 6.5%. ISOCTANE: flashpoint –12°C c.c. n-OCTANE: flashpoint 13°C c.c. Immiscible with water.	1262
T1	T11	TP1 TP8 TP27	F-E, <u>S-E</u>	Category E.	Miscibility with water depends upon the composition.	1263
T1	T4	TP1 TP8 TP28	F-E, <u>S-E</u>	Category B.	See entry above.	1263
T1	T2	TP1 TP29	F-E, <u>S-E</u>	Category A.	See entry above.	1263
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 27°C c.c. Explosive limits: 1.3% to ... Miscible with water.	1264

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1265	PENTANES, liquid	3	–	I	–	None	P001	–	–	–
1265	PENTANES, liquid	3	–	II	–	1 ℓ	P001	–	IBC02	–
1266	PERFUMERY PRODUCTS with flammable liquid	3	– ●	II	944	5 ℓ	P001	–	IBC02	–
1266	PERFUMERY PRODUCTS with flammable liquid	3	– ●	III	223 904 944 955	5 ℓ	P001 LP01	–	IBC03	–
1267	PETROLEUM CRUDE OIL	3	–	I	–	500 ml	P001	–	–	–
1267	PETROLEUM CRUDE OIL	3	–	II	–	1 ℓ	P001	–	IBC02	–
1267	PETROLEUM CRUDE OIL	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	– ●	I	–	500 ml	P001	–	–	–
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	– ●	II	944	1 ℓ	P001	–	IBC02	–
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	– ●	III	223 944 955	5 ℓ	P001 LP01	–	IBC03	–
1272	PINE OIL	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1274	PROPANOL (PROPYL ALCOHOL, NORMAL)	3	–	II	–	1 ℓ	P001	–	IBC02	–
1274	PROPANOL (PROPYL ALCOHOL, NORMAL)	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1275	PROPIONALDEHYDE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1276	PROPYL ACETATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1277	PROPYLAMINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
1278	1-CHLOROPROPANE	3	–	II	–	1 ℓ	P001	–	IBC02	B8
1279	1,2-DICHLOROPROPANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1280	PROPYLENE OXIDE	3	–	I	–	None	P001	–	–	–
1281	PROPYL FORMATES	3	–	II	–	1 ℓ	P001	–	IBC02	–
1282	PYRIDINE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1286	ROSIN OIL	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T11	TP2	F-E, S-D	Category E.	Colourless liquids with a paraffin-like odour. Explosive limits: 1.4% to 8%. ISOPENTANE (2-METHYLBUTANE): boiling point 28°C. Immiscible with water. Slightly irritating to skin, eyes and mucous membranes. Narcotic in high concentrations.	1265
–	T4	TP1	F-E, S-D	Category E.	See entry above. <i>normal</i> -PENTANE: boiling point 36°C.	1265
T1	T4	TP1 TP8	F-E, S-D	Category B.	Miscibility with water depends upon the composition.	1266
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1266
T2	T11	TP1 TP8	F-E, S-E	Category E.	Boiling range: 14°C upwards. Immiscible with water.	1267
T2	T4	TP1 TP8	F-E, S-E	Category B.	See entry above.	1267
–	T2	TP1	F-E, S-E	Category A.	See entry above.	1267
T2	T11	TP1 TP8 TP9	F-E, S-E	Category E.	Boiling range: 14°C upwards. Immiscible with water.	1268
T2	T7	TP1 TP8 TP28	F-E, S-E	Category B.	See entry above.	1268
T2	T4	TP1 TP29	F-E, S-E	Category A.	See entry above.	1268
T1	T2	TP1	F-E, S-E	Category A.	Volatile oils with characteristic odours. Flashpoint: 57°C to 60°C c.c. Immiscible with water.	1272
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Explosive limits: 2% to 12%. Flashpoint: 15°C to 23°C c.c. Miscible with water.	1274
T1	T2	TP1	F-E, S-D	Category A.	See entry above. Flashpoint: 23°C to 26°C c.c.	1274
–	T7	TP1	F-E, S-D	Category E.	Colourless liquid with a pungent odour. Flashpoint: below –18°C c.c. Explosive limits: 2.3% to 21%. Boiling point: 49°C. Miscible with water. Irritating to skin, eyes and mucous membranes.	1275
T1	T4	TP1	F-E, S-D	Category B.	Colourless, clear liquid with a pleasant odour. Flashpoint: 10°C c.c. Explosive limits: 1.8% to 8%. Immiscible with water.	1276
–	T7	TP1	F-E, S-C	Category E. Clear of living quarters.	Colourless liquid. Flashpoint: below –18°C c.c. Explosive limits: 2% to 10.4%. Boiling point: 48°C. Miscible with water. Harmful if swallowed. Causes burns to skin, eyes and mucous membranes.	1277
–	T7	TP2	F-E, S-D	Category E.	Colourless liquid with a chloroform-like odour. Flashpoint: –18°C c.c. Explosive limits: 2.6% to 10.5%. Boiling point: 47°C. Immiscible with water.	1278
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 15°C c.c. Immiscible with water. Harmful by inhalation. Irritating to skin and eyes.	1279
–	T11	TP2 TP7	F-E, S-D	Category E. Clear of living quarters.	Colourless, volatile liquid with an ether-like odour. Flashpoint: below –18°C c.c. Explosive limits: 2% to 22%. Boiling point: 34°C. Partially miscible with water.	1280
–	T4	TP1	F-E, S-D	Category B.	Colourless liquids with a pleasant odour. Explosive limits: 2.4% to 7.8%. Miscibility with water depends upon the composition. Irritating to skin, eyes and mucous membranes.	1281
–	T4	TP2	F-E, S-D	Category B. Clear of living quarters.	Colourless or slightly yellow liquid with a pungent odour. Flashpoint: 17°C c.c. Explosive limits: 1.8% to 12.4%. Miscible with water. Harmful by inhalation.	1282
T1	T4	TP1	F-E, S-E	Category B.	Colourless to brown viscous liquid. Immiscible with water.	1286

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1286	ROSIN OIL	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1287	RUBBER SOLUTION	3	– •	II	944	5 ℓ	P001	–	IBC02	–
1287	RUBBER SOLUTION	3	– •	III	223 944 955	5 ℓ	P001 LP01	–	IBC03	–
1288	SHALE OIL	3	–	II	–	1 ℓ	P001	–	IBC02	–
1288	SHALE OIL	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1289	SODIUM METHYLATE SOLUTION in alcohol	3	8	II	–	1 ℓ	P001	–	IBC02	–
1289	SODIUM METHYLATE SOLUTION in alcohol	3	8	III	223	5 ℓ	P001	–	IBC03	–
1292	TETRAETHYL SILICATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1293	TINCTURES, MEDICINAL	3	– •	II	944	1 ℓ	P001	–	IBC02	–
1293	TINCTURES, MEDICINAL	3	– •	III	904 944 955	5 ℓ	P001 LP01	–	IBC03	–
1294	TOLUENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
1295	TRICHLOROSILANE	4.3	8/3	I	–	None	P401	PP31	–	–
1296	TRIETHYLAMINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
1297	TRIMETHYLAMINE, AQUEOUS SOLUTION not more than 50% trimethylamine, by mass	3	8	I	–	None	P001	–	–	–
1297	TRIMETHYLAMINE, AQUEOUS SOLUTION not more than 50% trimethylamine, by mass	3	8	II	–	1 ℓ	P001	–	IBC02	–
1297	TRIMETHYLAMINE, AQUEOUS SOLUTION not more than 50% trimethylamine, by mass	3	8	III	223	5 ℓ	P001	–	IBC03	–
1298	TRIMETHYLCHLOROSILANE	3	8	II	–	None	P001	–	IBC02	–
1299	TURPENTINE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1300	TURPENTINE SUBSTITUTE	3	– •	II	944	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T1	T2	TP1	F-E, S-E	Category A.	See entry above.	1286
T1	T4	TP1 TP8	F-E, S-D	Category B.	Miscibility with water depends upon the composition.	1287
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1287
T1	T4	TP1 TP8	F-E, S-E	Category B.	Immiscible with water.	1288
T1	T2	TP1	F-E, S-E	Category A.	See entry above.	1288
T4	T7	TP1 TP8	F-E, S-C	Category B.	Reacts violently with water. Causes burns to skin, eyes and mucous membranes.	1289
-	T4	TP1	F-E, S-C	Category A.	See entry above. Irritating to skin, eyes and mucous membranes.	1289
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 37°C c.c. Explosive limits: 1.3% to 23%. Immiscible with water.	1292
T1	T4	TP1 TP8	F-E, S-D	Category B.	Miscibility with water depends upon the composition.	1293
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1293
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a benzene-like odour. Flashpoint: 7°C c.c. Explosive limits: 1.27% to 7%. Immiscible with water.	1294
-	T14	TP2 TP7 TP13	F-G, <u>S-O</u>	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" classes 3, 4.1 and 8. See 7.2.1.13.1.2.	Colourless, very volatile, flammable and corrosive liquid. Flashpoint: below -50°C. Explosive limits: 1.2% to 90.5%. Boiling point: 32°C. Reacts with water or steam to produce heat, which may lead to self-ignition; toxic and corrosive fumes will be evolved. May react vigorously in contact with oxidizing substances. Causes burns to skin, eyes and mucous membranes.	1295
T4	T7	TP1	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid with a strong ammonia-like odour. Flashpoint: -11°C c.c. Explosive limits: 1.2% to 8%. Miscible with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	1296
T7	T11	TP1	F-E, S-C	Category D. Clear of living quarters. "Separated from" mercury and mercury compounds.	Aqueous solution of a flammable gas with an ammonia-like odour. Flashpoint depending on percentage of dissolved gas. May react explosively with mercury. Miscible with water. An aqueous solution of 45% TRIMETHYLAMINE, by mass, has a flashpoint of -45°C c.c. and a boiling point of 30°C (applicable to PG I only). Harmful by inhalation. Causes burns to skin, eyes and mucous membranes.	1297
-	T7	TP1	F-E, S-C	Category B. Clear of living quarters. "Separated from" mercury and mercury compounds.	See entry above.	1297
-	T7	TP1	F-E, S-C	Category A. Clear of living quarters. "Separated from" mercury and mercury compounds.	See entry above. Irritating to skin, eyes and mucous membranes.	1297
-	T7	TP2 TP13	<u>F-E</u> , S-C	Category E. Clear of living quarters.	Colourless liquid. Flashpoint: below -18°C c.c. Explosive limits: 1.8% to 6%. Boiling point: 57°C. Immiscible with water. Readily hydrolysed by moisture, evolving hydrogen chloride, a toxic and corrosive gas. Causes burns to skin, eyes and mucous membranes.	1298
T1	T2	TP1	F-E, S-E	Category A.	Colourless liquid. Flashpoint: 35°C c.c. Mixture of resin and volatile oils. Immiscible with water.	1299
T1	T4	TP1	F-E, S-E	Category B.	Immiscible with water.	1300

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1300	TURPENTINE SUBSTITUTE	3	– ●	III	223 944	5 ℓ	P001 LP01	–	IBC03	–
1301	VINYL ACETATE, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
1302	VINYL ETHYL ETHER, STABILIZED	3	–	I	–	None	P001	–	–	–
1303	VINYLDENE CHLORIDE, STABILIZED	3	– P	I	–	None	P001	–	–	–
1304	VINYL ISOBUTYL ETHER, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
1305	VINYLTRICHLOROSILANE	3	8	I	–	None	P001	–	–	–
1306	WOOD PRESERVATIVES, LIQUID	3	– ●	II	944	5 ℓ	P001	–	IBC02	–
1306	WOOD PRESERVATIVES, LIQUID	3	– ●	III	223 944 955	5 ℓ	P001 LP01	–	IBC03	–
1307	XYLENES	3	–	II	–	1 ℓ	P001	–	IBC02	–
1307	XYLENES	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1308	ZIRCONIUM, SUSPENDED IN A FLAMMABLE LIQUID	3	–	I	–	None	P001	PP33	–	–
1308	ZIRCONIUM, SUSPENDED IN A FLAMMABLE LIQUID	3	–	II	–	1 ℓ	P001	PP33	–	–
1308	ZIRCONIUM, SUSPENDED IN A FLAMMABLE LIQUID	3	–	III	223	5 ℓ	P001	–	–	–
1309	ALUMINIUM POWDER, COATED	4.1	–	II	–	1 kg	P002	PP38	IBC08	B2 B4
1309	ALUMINIUM POWDER, COATED	4.1	–	III	223	5 kg	P002 LP02	PP11 PP38	IBC08	B3
1310	AMMONIUM PICRATE, WETTED with not less than 10% water, by mass	4.1	–	I	28	None	P406	PP26 PP31	–	–
1312	BORNEOL	4.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1313	CALCIUM RESINATE	4.1	–	III	–	5 kg	P002	–	IBC06	–
1314	CALCIUM RESINATE, FUSED	4.1	–	III	–	5 kg	P002	–	IBC04	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
T1	T2	TP1	F-E, S-E	Category A.	See entry above.	1300
–	T4	TP1	F-E, S-D	Category B.	Colourless to light yellow liquid. Flashpoint: –8°C c.c. Explosive limits: 2.6% to 14%. Immiscible with water.	1301
T7	T11	TP2	F-E, S-D	Category D.	Colourless liquid. Flashpoint: below –18°C c.c. Explosive limits: 1.7% to 28%. Boiling point: 33°C. Immiscible with water. Extremely reactive; may polymerize.	1302
–	T12	TP2 TP7	F-E, S-D	Category E. Clear of living quarters.	Colourless to straw-coloured, volatile liquid with a sweet odour. Flashpoint: –28°C c.c. Explosive limits: 6.5% to 15.5%. Boiling point: 32°C. Immiscible with water.	1303
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: –9°C o.c. Immiscible with water.	1304
T7	T11	TP2 TP13	F-E, S-C	Category B. Clear of living quarters.	Colourless, pale yellow or pink liquid with a pungent odour. Flashpoint: 11°C c.c. Explosive limits: 3% to Readily hydrolysed by moisture, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Immiscible with water. In the presence of moisture, corrosive to most metals.	1305
T1	T4	TP1 TP8	F-E, S-D	Category B.	Miscibility with water depends upon the composition. Harmful by inhalation.	1306
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	1306
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquids. Flashpoint: 17°C to 23°C c.c. Explosive limits: 1.1% to 7%. Immiscible with water.	1307
T1	T2	TP1	F-E, S-D	Category A.	See entry above. Flashpoint: 23°C to 30°C c.c.	1307
–	–	–	F-E, S-D	Category D.	Finely divided zirconium metal in a flammable liquid. Immiscible with water. Spillage is liable to self-ignition.	1308
–	–	–	F-E, S-D	Category B.	See entry above.	1308
–	–	–	F-E, S-D	Category B.	See entry above.	1308
–	T3	TP33	F-G, S-G	Category A. Keep as dry as reasonably practicable. "Away from" liquid halogenated hydrocarbons. "Separated from" class 5.1, acids, alkalis and iron oxide.	If uncoated it possesses the property of evolving hydrogen gas when in contact with water, especially seawater; if treated with oil or wax it does not at ordinary temperatures. Reacts readily with acids and caustic alkalis, evolving hydrogen, a flammable gas. Reacts readily with iron oxide, producing a thermite effect. May form explosive mixtures with oxidizing substances. In the event of breakage of receptacles, the scattered powder is readily ignited by sparks or open flame and may give rise to an explosive atmosphere.	1309
–	T1	TP33	F-G, S-G	Category A. Keep as dry as reasonably practicable. "Away from" liquid halogenated hydrocarbons. "Separated from" class 5.1, acids, alkalis and iron oxide.	See entry above.	1309
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow crystals. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals or their salts. Harmful if swallowed or by skin contact.	1310
–	T1	TP33	F-A, S-I	Category A	White, translucent lumps. Camphor-like odour. Insoluble in water. Harmful by ingestion.	1312
–	T1	TP33	F-A, S-I	Category A.	Yellowish-white, amorphous powder or lumps. Insoluble in water. Liable to spontaneous heating. Irritating to skin and mucous membranes.	1313
–	T1	TP33	F-A, S-I	Category A.	Yellowish-white, amorphous powder or lumps. Insoluble in water. Liable to spontaneous heating. Irritating to skin and mucous membranes.	1314

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1318	COBALT RESINATE, PRECIPITATED	4.1	–	III	–	5 kg	P002	–	IBC06	–
1320	DINITROPHENOL, WETTED with not less than 15% water, by mass	4.1	6.1 P	I	28	None	P406	PP26 PP31	–	–
1321	DINITROPHENOLATES, WETTED with not less than 15% water, by mass	4.1	6.1 P	I	28	None	P406	PP26 PP31	–	–
1322	DINITRORESORCINOL, WETTED with not less than 15% water, by mass	4.1	–	I	28	None	P406	PP26 PP31	–	–
1323	FERROCERIUM	4.1	–	II	249	1 kg	P002	–	IBC08	B2 B4
1324	FILMS, NITROCELLULOSE BASE gelatin coated, except scrap	4.1	–	III	–	5 kg	P002	PP15	–	–
1325	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	– •	II	274 915 944	1 kg	P002	–	IBC08	B2 B4
1325	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	– •	III	223 274 915 944	5 kg	P002	–	IBC08	B3
1326	HAFNIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	4.1	–	II	916	1 kg	P410	PP31 PP40	IBC06	B2
1327	HAY, STRAW or BHUSA	4.1	–	–	29 281 954	3 kg	P003	PP19	IBC08	B6
1328	HEXAMETHYLENETETRAMINE	4.1	–	III	–	5 kg	P002	–	IBC08	B3
1330	MANGANESE RESINATE	4.1	–	III	–	5 kg	P002	–	IBC06	–
1331	MATCHES, "STRIKE ANYWHERE"	4.1	–	III	293	5 kg	P407	PP27	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T1	TP33	F-A, S-I	Category A.	Dark brownish-black solid. Insoluble in water. Readily combustible; may ignite spontaneously if contaminated with vegetable fibres (such as, cotton). Irritating to skin and mucous membranes.	1318
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance when pure consists of yellow crystals. Slightly soluble in water. May form extremely sensitive compounds with heavy metals or their salts. Toxic if swallowed, by skin contact or by inhalation.	1320
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals or their salts. Toxic if swallowed, by skin contact or by inhalation.	1321
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Explosive when dry. May form extremely sensitive compounds with heavy metals or their salts. Harmful if swallowed or by skin contact.	1322
–	T3	TP33	F-G, S-G	Category A.	Alloy derived from cerium or mischmetal, with the addition of 10% to 65% iron. Emits sparks when struck.	1323
–	–	–	F-A, S-I	Category D. "Away from" class 3.	Ignites readily. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air.	1324
–	T3	TP33	F-A, S-G	Category B.	–	1325
–	T1	TP33	F-A, S-G	Category B.	–	1325
–	T3	TP33	F-A, S-J	Category E. "Separated from" class 5.1.	Insoluble in water. Liable to spontaneous combustion when dry. Forms explosive mixtures with oxidizing substances.	1326
–	–	–	F-A, S-I	Category A. "Away from" animal or vegetable oils. Unless carried in closed cargo transport units, bales shall be properly covered by tarpaulins or the like. Cargo spaces shall be clean, dry and free from oil or grease. Ventilator cowls leading into the cargo space shall have spark-preventing screens. All other openings, entrances and hatches leading to the cargo space shall be securely closed. During temporary interruption of loading, when the hatch remains uncovered, a fire-watch shall be kept. During loading or discharge, smoking in the vicinity shall be prohibited and fire-fighting appliances kept ready for immediate operation.	Ignites readily. Liable to spontaneous combustion when wet, damp or contaminated with oil. Refuse for shipment when loose, damp, wet or contaminated with oil.	1327
–	T1	TP33	F-A, S-G	Category A.	White, crystalline powder. Soluble in water.	1328
–	T1	TP33	F-A, S-I	Category A.	Very dark brown solid. Insoluble in water. Liable to spontaneous heating. Irritating to skin, eyes and mucous membranes.	1330
–	–	–	F-A, S-I	Category B.	Ignite by friction; prepared surface is not required.	1331

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1332	METALDEHYDE	4.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1333	CERIUM slabs, ingots or rods	4.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
1334	NAPHTHALENE, CRUDE or NAPHTHALENE, REFINED	4.1	–	III	948	5 kg	P002 LP02	–	IBC08	B3
1336	NITROGUANIDINE (PICRITE), WETTED with not less than 20% water, by mass	4.1	–	I	28	None	P406	PP31	–	–
1337	NITROSTARCH, WETTED with not less than 20% water, by mass	4.1	–	I	28	None	P406	PP31	–	–
1338	PHOSPHORUS, AMORPHOUS	4.1	–	III	–	5 kg	P410	–	IBC08	B3
1339	PHOSPHORUS HEPTASULPHIDE free from yellow or white phosphorus	4.1	–	II	–	1 kg	P410	PP31	IBC04	–
1340	PHOSPHORUS PENTASULPHIDE free from yellow or white phosphorus	4.3	4.1	II	–	500 g	P410	PP31 PP40	IBC04	–
1341	PHOSPHORUS SESQUISULPHIDE free from yellow or white phosphorus	4.1	–	II	–	1 kg	P410	PP31	IBC04	–
1343	PHOSPHORUS TRISULPHIDE free from yellow or white phosphorus	4.1	–	II	–	1 kg	P410	PP31	IBC04	–
1344	TRINITROPHENOL, WETTED with not less than 30% water, by mass	4.1	–	I	28	None	P406	PP26 PP31	–	–
1345	RUBBER SCRAP powdered or granulated, not exceeding 840 microns and rubber content exceeding 45% or RUBBER SHODDY powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%	4.1	–	II	223 917	1 kg	P002	–	IBC08	B2 B4
1346	SILICON POWDER, AMORPHOUS	4.1	–	III	32	5 kg	P002 LP02	–	IBC08	B3
1347	SILVER PICRATE, WETTED with not less than 30% water, by mass	4.1	–	I	28 900	None	P406	PP25 PP26 PP31	–	–
1348	SODIUM DINITRO-ortho-CRESOLATE, WETTED with not less than 15% water, by mass	4.1	6.1 P	I	28	None	P406	PP26 PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T1	TP33	F-A, S-G	Category A.	White crystals, powder or tablets. Insoluble in water. Harmful if swallowed or by dust inhalation.	1332
–	–	–	F-G, S-P	Category A. "Separated from" classes 3 and 5.1.	Contains 94%–99% rare earth metals. In contact with water or moist air, evolves hydrogen, a flammable gas. Emits sparks when scratched or struck.	1333
–	T1 BK2	TP33	F-A, S-G	Category A.	Crystalline flakes or powder with a persistent odour. Evolves flammable vapours at, or below, its melting point.	1334
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. White solid. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. May form extremely sensitive compounds with heavy metals or their salts.	1336
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Orange powder. Explosive and sensitive to friction in the dry state. When involved in a fire, evolves toxic fumes; in closed compartments these fumes may form an explosive mixture with air. May form extremely sensitive compounds with heavy metals or their salts.	1337
–	T1	TP33	F-A, S-G	Category A. "Separated from" class 5.1.	Reddish-brown powder. Insoluble in water. Ignites readily by friction. When involved in a fire, evolves irritating fumes. Forms explosive mixtures with oxidizing substances. Harmful if swallowed or by dust inhalation.	1338
–	T3	TP33	F-G, S-G	Category B. "Separated from" class 5.1	Yellow solid. Ignites readily by friction. Develops heat in contact with moist air, evolving toxic and flammable gases. Forms explosive mixtures with oxidizing substances. Harmful if swallowed or by dust inhalation.	1339
–	T3	TP33	F-G, S-N	Category D.	Yellow solid. Ignites readily by friction. Develops heat in contact with moist air, evolving toxic and flammable gases. Forms explosive mixtures with oxidizing substances. Harmful if swallowed or by dust inhalation.	1340
–	T3	TP33	F-A, S-G	Category B. "Separated from" class 5.1.	Yellow solid. Ignites readily by friction. Develops heat in contact with moist air, evolving toxic and flammable gases. Forms explosive mixtures with oxidizing substances. Harmful if swallowed or by dust inhalation.	1341
–	T3	TP33	F-G, S-G	Category B. "Separated from" class 5.1.	Yellow solid. Ignites readily by friction. Develops heat in contact with moist air, evolving toxic and flammable gases. Forms explosive mixtures with oxidizing substances. Harmful if swallowed or by dust inhalation.	1343
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow crystals. Soluble in water. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals or their salts. Harmful if swallowed or by skin contact.	1344
–	T3	TP33	F-A, S-I	Category A.	Liable to spontaneous heating.	1345
–	T1	TP33	F-A, S-G	Category A. "Separated from" class 5.1.	Dark brown, non-metallic powder. Burns in air, when ignited; readily flammable when mixed with oxidizing substances.	1346
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Yellow crystals. Soluble in water. Explosive and sensitive to friction in the dry state. Harmful if swallowed or by skin contact. May form extremely sensitive compounds with heavy metals or their salts.	1347
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow powder. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals or their salts. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. Toxic if swallowed, by skin contact or by inhalation.	1348

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1349	SODIUM PICRAMATE, WETTED with not less than 20% water, by mass	4.1	–	I	28	None	P406	PP26 PP31	–	–
1350	SULPHUR	4.1	–	III	242	5 kg	P002 LP02	–	IBC08	B3
1352	TITANIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, having a particle size less than 53 microns; (b) chemically produced, having a particle size less than 840 microns	4.1	–	II	28 916	1 kg	P410	PP31 PP40	IBC06	B2
1353	FIBRES or FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	4.1	– ●	III	944	5 kg	P410	–	IBC08	B3
1354	TRINITROBENZENE, WETTED with not less than 30% water, by mass	4.1	–	I	28	None	P406	PP31	–	–
1355	TRINITROBENZOIC ACID, WETTED with not less than 30% water, by mass	4.1	–	I	28	None	P406	PP31	–	–
1356	TRINITROTOLUENE, WETTED with not less than 30% water, by mass	4.1	–	I	28	None	P406	PP31	–	–
1357	UREA NITRATE, WETTED with not less than 20% water, by mass	4.1	–	I	28 227 918 919	None	P406	PP31	–	–
1358	ZIRCONIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	4.1	–	II	916	1 kg	P410	PP31 PP40	IBC06	B2
1360	CALCIUM PHOSPHIDE	4.3	6.1	I	–	None	P403	PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow powder. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals or their salts. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. Harmful if swallowed or by skin contact.	1349
–	T1 BK2	TP33	F-A, S-G	Category A. Protect from sparks and open flame. "Separated from" class 5.1.	When involved in a fire, evolves toxic, very irritating and suffocating gas. The dust forms an explosive mixture with air which may be ignited by static electricity. Forms explosive mixtures with oxidizing substances. Corrosive to steel, in particular in the presence of moisture. The provisions of this Code should not apply to sulphur when it is formed to a specific shape (such as, prills, granules, pellets, pastilles or flakes).	1350
–	T3	TP33	F-A, S-J	Category E. "Separated from" class 5.1.	Grey powder. Forms explosive mixtures with oxidizing substances.	1352
–	–	–	F-A, S-I	Category D.	Toe board used in the manufacture of boots and shoes. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air.	1353
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow crystals. When involved in a fire, evolves toxic fumes; in closed compartments these fumes may form an explosive mixture with air. Explosive and sensitive to friction in the dry state. Harmful if swallowed or by skin contact. May form extremely sensitive compounds with heavy metals or their salts.	1354
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow crystals. Soluble in water. When involved in a fire, evolves toxic fumes; in closed compartments these fumes may form an explosive mixture with air. Explosive and sensitive to friction in the dry state. Harmful if swallowed or by skin contact. May form extremely sensitive compounds with heavy metals or their salts.	1355
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow crystals. When involved in a fire, evolves toxic fumes; in closed compartments these fumes may form an explosive mixture with air. Explosive and sensitive to friction in the dry state. Harmful if swallowed or by skin contact. May form extremely sensitive compounds with heavy metals or their salts.	1356
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of white crystals. Soluble in water. When involved in a fire, evolves toxic fumes; in closed compartments these fumes may form an explosive mixture with air. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals or their salts.	1357
–	T3	TP33	F-G, S-J	Category E. "Separated from" class 5.1.	Grey powder. Insoluble in water. Liable to spontaneous combustion when dry. Forms explosive mixtures with oxidizing substances.	1358
–	–	–	F-G, S-N	Category E. Under deck in a mechanically ventilated space. Clear of living quarters. "Separated from" acids.	Red to brown crystals. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	1360

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1361	CARBON animal or vegetable origin	4.2	–	II	925	None	P002	PP12	IBC06	–
1361	CARBON animal or vegetable origin	4.2	–	III	223 925	None	P002 LP02	PP12	IBC08	B3
1362	CARBON, ACTIVATED	4.2	–	III	223 925	None	P002	PP11 PP31	IBC08	B3
1363	COPRA	4.2	–	III	29 926	None	P003 LP02	PP20	IBC08	B3 B6
1364	COTTON WASTE, OILY	4.2	–	III	29	None	P003 LP02	PP19	IBC08	B3 B6
1365	COTTON, WET	4.2	–	III	29	None	P003	PP19	IBC08	B3 B6
1369	p-NITROSODIMETHYLANILINE	4.2	–	II	927	None	P410	–	IBC06	B2
1372	FIBRES ANIMAL or FIBRES VEGETABLE burnt, wet or damp	4.2	–	III	117	None	P410	–	–	–
1373	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil	4.2	– •	III	–	None	P410	PP31	IBC08	B3
1374	FISHMEAL, UNSTABILIZED or FISHSCRAP, UNSTABILIZED High hazard Unrestricted moisture content, Unrestricted fat content in excess of 12% by mass; unrestricted fat content in excess of 15% by mass, in the case of anti-oxidant treated fishmeal or fishscrap	4.2	–	II	928	None	P410	PP31 PP40	IBC08	B2 B4
1374	FISHMEAL, UNSTABILIZED or FISHSCRAP, UNSTABILIZED Not anti-oxidant treated Moisture content: more than 5% but not more than 12%, by mass. Fat content: not more than 12%, by mass	4.2	–	III	29 300 907 928	None	P410	PP31	IBC08	B2 B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-J	Category A. Keep as cool as possible.	Black powder or granules. Liable to heat slowly and ignite spontaneously in air. The material as offered for shipment should have been sufficiently heat-treated and should be cooled down to ambient temperature before packing.	1361
–	T1	TP33	F-A, S-J	Category A. Keep as cool as possible.	See entry above.	1361
–	T1	TP33	F-A, S-J	Category A. Keep as cool as possible.	Black powder or granules. Liable to heat slowly and ignite spontaneously in air. The material as offered for shipment should have been sufficiently heat-treated and should be cooled down to ambient temperature before packing.	1362
–	BK2	–	F-A, S-J	Category A. Keep as dry as reasonably practicable. Protect from sparks and open flame. Provide a good through ventilation for bagged cargo. Double strip stowage recommended. The illustration in 7.1.10.3.3 shows how this can be achieved. The cargo shall be stowed "Away from" pipes and bulkheads which are liable to become heated (e.g. engine-room or heated fuel tank bulkheads). During the voyage regular temperature readings shall be taken at varying depths in the hold and recorded. If the temperature of the cargo exceeds the ambient temperature and continues to increase, ventilation shall be closed down.	Dried kernels of coconuts, with a penetrating rancid odour which may taint other cargoes.	1363
–	–	–	F-A, S-J	Category A. "Separated from" animal or vegetable oil.	Fibres of vegetable origin.	1364
–	–	–	F-A, S-J	Category A.	Readily combustible, liable to ignite spontaneously according to moisture content.	1365
–	T3	TP33	F-A, S-J	Category D. "Away from" foodstuffs.	Dark green, crystalline solid, insoluble in water. Ignites spontaneously in air when dry. Harmful if swallowed.	1369
–	–	–	F-A, S-J	Category A	Liable to ignite spontaneously according to moisture content.	1372
–	T1	TP33	F-A, S-J	Category A.	Liable to ignite spontaneously according to the oil content.	1373
–	T3	TP33	F-A, S-J	Category B. "Separated by a complete compartment or hold" from class 1 except from division 1.4. For special stowage provisions see 7.1.10.3	Brown to greenish-brown product derived from oily fish. Strong odour which may affect other cargo. Liable to heat and ignite spontaneously.	1374
–	T1	TP33	F-A, S-J	Category A.	See entry above.	1374

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1376	IRON OXIDE, SPENT or IRON SPONGE, SPENT obtained from coal gas purification	4.2	–	III	223	None	P002 LP02	–	IBC08	B3
1378	METAL CATALYST, WETTED with a visible excess of liquid	4.2	–	II	–	None	P410	PP31 PP39 PP40	IBC01	–
1379	PAPER, UNSATURATED OIL TREATED incompletely dried (including carbon paper)	4.2	–	III	–	None	P410	PP31	IBC08	B3
1380	PENTABORANE	4.2	6.1	I	–	None	P601	–	–	–
1381	PHOSPHORUS, WHITE or YELLOW, DRY or UNDER WATER or IN SOLUTION	4.2	6.1 PP	I	–	None	P405	PP31	–	–
1382	POTASSIUM SULPHIDE, ANHYDROUS or POTASSIUM SULPHIDE with less than 30% water of crystallization	4.2	–	II	–	None	P410	PP31 PP40	IBC06	B2
1383	PYROPHORIC METAL, N.O.S. or PYROPHORIC ALLOY, N.O.S.	4.2	– •	I	274	None	P404	PP31	–	–
1384	SODIUM DITHIONITE (SODIUM HYDROSULPHITE)	4.2	–	II	–	None	P410	PP31	IBC06	B2
1385	SODIUM SULPHIDE, ANHYDROUS or SODIUM SULPHIDE with less than 30% water of crystallization	4.2	–	II	–	None	P410	PP31	IBC06	B2
1386	SEED CAKE, containing vegetable oil (a) mechanically expelled seeds, containing more than 10% oil or more than 20% oil and moisture combined	4.2	–	III	29 929	None	P003 LP02	PP20	IBC08	B3 B6
1386	SEED CAKE, containing vegetable oil (b) solvent extractions and expelled seeds, containing not more than 10% of oil and when the amount of moisture is higher than 10%, not more than 20% of oil and moisture combined	4.2	–	III	29 929	None	P003 LP02	PP20	IBC08	B3 B6

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T1 BK2	TP33	F-G, S-P	Category E.	Obtained from coal gas purification. Strong odour which may taint other cargo. Liable to heat and ignite spontaneously. May evolve hydrogen sulphide, sulphur dioxide and hydrogen cyanide which are toxic gases. This substance should have been cooled and weathered for not less than eight weeks before shipment, unless packed in a metal drum.	1376
–	T3	TP33	F-H, S-M	Category C.	Liable to ignite spontaneously if dry.	1378
–	–	–	F-A, S-J	Category A.	Liable to ignite spontaneously. The provisions of this Code should not apply to manufactured articles properly aged.	1379
–	–	–	F-G, S-L	Category D.	Colourless liquid. Boiling point range: 48°C to 63°C. Ignites spontaneously in air. Decomposes in contact with water, evolving hydrogen, a flammable gas. Toxic if swallowed, by skin contact or by inhalation.	1380
–	T9	TP3 TP31	F-A, S-J	Category E.	Ignites spontaneously in air. Melting point: 44°C. Toxic if swallowed, by skin contact or by inhalation. Receptacles are usually filled with substance in the liquid state which subsequently solidifies. A sufficient ullage should be allowed.	1381
–	T3	TP33	F-A, S-J	Category A. "Separated from" acids.	Black solid, absorbs moisture to become crystalline. Liable to ignite spontaneously. In contact with acids, evolves hydrogen sulphide, a toxic and flammable gas. Reacts violently with acids.	1382
–	T21	TP7 TP9 TP33	F-G, S-M	Category D.	Liable to ignite spontaneously in air. If shaken, may produce sparks. In contact with water, evolves hydrogen, a flammable gas.	1383
–	T3	TP33	F-A, S-J	Category E. Keep as dry as reasonably practicable.	White or grey crystalline powder. Liable to heat and ignite spontaneously in air and to evolve sulphur dioxide, an irritating gas.	1384
–	T3	TP33	F-A, S-J	Category A. "Separated from" acids.	Black solid, absorbs moisture to become crystalline. Liable to ignite spontaneously. In contact with acids, evolves hydrogen sulphide, a toxic and flammable gas. Reacts violently with acids.	1385
–	BK2	–	F-A, S-J	Category E. Keep dry. Away from all sources of heat. For special stowage provisions see 7.1.10.4.1	Residue remaining after oil has been expelled mechanically from oil-bearing seeds. Used mainly as animal feed or fertilizer. The most common seed cakes include those derived from coconut (copra), cottonseed, groundnut (peanut), linseed, maize (hominy chop), niger seed, palm kernel, rape seed, rice bran, soya bean and sunflower seed and they may be shipped in the form of cake, flakes, pellets, meal, etc. May self-heat slowly and, if wet or containing an excessive proportion of unoxidized oil, ignite spontaneously. Before shipment, this cargo should be properly aged. The duration of ageing varies with the oil content. Smoking and the use of naked lights should be prohibited during loading and unloading and on entry to the cargo space(s) at any time.	1386
–	BK2	–	F-A, S-J	Category A. Keep dry. Away from all sources of heat. For special stowage provisions, see 7.1.10.4.2	Residue remaining after oil has been extracted by a solvent process or expelled mechanically from oil-bearing seeds. Used mainly as animal feed or fertilizer. The most common seed cakes include those derived from coconut (copra), cottonseed, groundnut (peanut), linseed, maize (hominy chop), niger seed, palm kernel, rape seed, rice bran, soya bean and sunflower seed and they may be shipped in the form of cake, flakes, pellets, meal, etc. May self-heat slowly and, if wet or containing an excessive proportion of unoxidized oil, ignite spontaneously. The seed cake should be substantially free from flammable solvent. Before shipment, this cargo should be properly aged. The duration of ageing varies with the oil content. Smoking and the use of naked lights should be prohibited during loading and unloading and on entry to the cargo space(s) at any other time.	1386

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1387	WOOL WASTE, WET	4.2	–	III	117	None	P410	–	–	–
1389	ALKALI METAL AMALGAM, LIQUID	4.3	– ●	I	182	None	P402	PP31	–	–
1390	ALKALI METAL AMIDE	4.3	–	II	182	500 g	P410	PP31 PP40	IBC07	B2
1391	ALKALI METAL DISPERSION or ALKALINE EARTH METAL DISPERSION	4.3	–	I	182 183 329	None	P402	PP31	–	–
1392	ALKALINE EARTH METAL AMALGAM, LIQUID	4.3	– ●	I	183	None	P402	PP31	–	–
1393	ALKALINE EARTH METAL ALLOY, N.O.S.	4.3	– ●	II	183	500 g	P410	PP31 PP40	IBC07	B2
1394	ALUMINIUM CARBIDE	4.3	–	II	–	500 g	P410	PP31 PP40	IBC07	B2
1395	ALUMINIUM FERROSILICON POWDER	4.3	6.1	II	932	500 g	P410	–	IBC05	B2
1396	ALUMINIUM POWDER, UNCOATED	4.3	–	II	–	500 g	P410	PP40	IBC07	B2
1396	ALUMINIUM POWDER, UNCOATED	4.3	–	III	223	1 kg	P410	–	IBC08	B4
1397	ALUMINIUM PHOSPHIDE	4.3	6.1	I	–	None	P403	PP31	–	–
1398	ALUMINIUM SILICON POWDER, UNCOATED	4.3	–	III	37 223 932	1 kg	P410	–	IBC08	B4
1400	BARIUM	4.3	–	II	–	500 g	P410	PP31 PP40	IBC07	B2
1401	CALCIUM	4.3	–	II	–	500 g	P410	PP31 PP40	IBC07	B2

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-A, S-J	Category A	Liable to ignite spontaneously in air according to moisture content.	1387
–	–	–	F-G, S-N	Category D. "Separated from" acids.	Silvery liquid, consisting of metal alloyed with mercury. Reacts with moisture, water or acids, evolving hydrogen, a flammable gas. When heated, evolves toxic vapours.	1389
–	T3	TP33	F-G, S-O	Category E. Clear of living quarters. "Separated from" acids.	Small crystals. Decomposes in contact with water or acid, evolving ammonia vapour and producing highly caustic alkaline solutions.	1390
–	–	–	F-G, S-N	Category D. "Separated from" acids.	Finely divided alkali or alkaline earth metal, e.g. metallic sodium, suspended in a flammable liquid such as toluene, xylene, naphtha, kerosene, etc. Reacts violently with moisture, water or acids, evolving hydrogen, which may be ignited by the heat of the reaction.	1391
–	–	–	F-G, S-N	Category D. "Separated from" acids.	Consists of metal alloyed with mercury. Contains 2% to 10% alkaline earth metals and may contain up to 98% mercury. Reacts with moisture, water or acids, evolving hydrogen, a flammable gas. When heated, evolves toxic vapours.	1392
–	T3	TP33	F-G, S-N	Category E. "Separated from" acids.	When containing a substantial proportion of alkaline earth metals, readily decomposed by water and reacts violently with acids, evolving hydrogen, which may be ignited by the heat of the reaction.	1393
–	T3	TP33	F-G, S-N	Category A. "Separated from" acids.	Yellow crystals or powder. In contact with water, rapidly evolves methane, a flammable gas. Reacts violently with acids.	1394
–	T3 BK2	TP33	F-G, S-N	Category A. Only to be loaded under dry weather conditions. Under deck in a mechanically ventilated space. Clear of living quarters. "Away from" liquid halogenated hydrocarbons. "Separated from" acids and alkalis.	In contact with water, caustic alkalis or acids, evolves hydrogen, a flammable gas. Impurities may, under similar circumstances, produce phosphine and arsine, which are highly toxic gases.	1395
–	T3	TP33	F-G, S-O	Category A. "Away from" liquid halogenated hydrocarbons. "Separated from" acids and alkalis.	In contact with water, caustic alkalis or acids, evolves hydrogen, a flammable gas. When finely divided aluminium dust is scattered, it is easily ignited by naked lights, causing explosion. May explode when in contact with oxidizing substances. Reacts with liquid halogenated hydrocarbons.	1396
–	T1	TP33	F-G, S-O	Category A. "Away from" liquid halogenated hydrocarbons. "Separated from" acids and alkalis.	See entry above.	1396
–	–	–	F-G, S-N	Category E. Under deck in a mechanically ventilated space. Clear of living quarters. "Separated from" acids.	Crystals or powder. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	1397
–	T1 BK2	TP33	F-G, S-N	Category A. Only to be loaded under dry weather conditions. Under deck in a mechanically ventilated space. Clear of living quarters. "Away from" liquid halogenated hydrocarbons. "Separated from" acids and alkalis.	In contact with water, caustic alkalis or acids, generates heat and evolves hydrogen, a flammable gas. May also evolve silanes, which are toxic and may ignite spontaneously.	1398
–	T3	TP33	F-G, S-O	Category E. "Separated from" acids.	Readily decomposes in water and reacts violently with acids, evolving hydrogen, which may be ignited by the heat of the reaction. Harmful if swallowed or by dust inhalation.	1400
–	T3	TP33	F-G, S-O	Category E. "Separated from" acids.	Readily decomposes in water and reacts violently with acids, evolving hydrogen, which may be ignited by the heat of the reaction.	1401

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1402	CALCIUM CARBIDE	4.3	–	I	–	None	P403	PP31	IBC04	B1
1402	CALCIUM CARBIDE	4.3	–	II	951	500 g	P410	PP40	IBC07	B2
1403	CALCIUM CYANAMIDE with more than 0.1% calcium carbide	4.3	–	III	38 934	1 kg	P410	–	IBC08	B4
1404	CALCIUM HYDRIDE	4.3	–	I	–	None	P403	PP31	–	–
1405	CALCIUM SILICIDE	4.3	–	II	932	500 g	P410	PP31	IBC07	B2
1405	CALCIUM SILICIDE	4.3	–	III	223 932	1 kg	P410	PP31 PP40	IBC08	B4
1407	CAESIUM	4.3	–	I	–	None	P403	PP31	IBC04	B1
1408	FERROSILICON with 30% or more but less than 90% silicon	4.3	6.1	III	39 223 932	1 kg	P003	PP20	IBC08	B4 B6
1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.	4.3	– •	I	274	None	P403	PP31	–	–
1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.	4.3	– •	II	274	500 g	P410	PP40	IBC04	–
1410	LITHIUM ALUMINIUM HYDRIDE	4.3	–	I	–	None	P403	PP31	–	–
1411	LITHIUM ALUMINIUM HYDRIDE, ETHEREAL	4.3	3	I	–	None	P402	–	–	–
1413	LITHIUM BOROHYDRIDE	4.3	–	I	–	None	P403	PP31	–	–
1414	LITHIUM HYDRIDE	4.3	–	I	–	None	P403	PP31	–	–
1415	LITHIUM	4.3	–	I	–	None	P403	PP31	IBC04	B1
1417	LITHIUM SILICON	4.3	–	II	–	500 g	P410	PP31 PP40	IBC07	B2

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	BK2	–	F-G, S-N	Category B. "Separated from" acids.	Solid. In contact with water, rapidly evolves acetylene, a highly flammable gas, which may be ignited by the heat of the reaction. Acetylene forms highly explosive compounds with salts of some heavy metals. Reacts violently with acids.	1402
–	T3 BK2	TP33	F-G, S-N	Category B. "Separated from" acids.	See entry above.	1402
–	T1	TP33	F-G, S-N	Category A. "Separated from" acids.	Powder or granules. Contains calcium carbide as an impurity. In contact with water, evolves ammonia and acetylene, which is a highly flammable gas. Reacts vigorously with acids.	1403
–	–	–	F-G, S-O	Category E. "Separated from" acids.	Solid. In contact with water, acids or moisture, evolves hydrogen, which may be ignited by the heat of the reaction.	1404
–	T3	TP33	F-G, S-N	Category B. Only to be loaded under dry weather conditions. Under deck in a mechanically ventilated space. "Separated from" acids.	In contact with water, evolves hydrogen, a flammable gas. If calcium carbide is present as an impurity, acetylene will also be evolved. In contact with acid evolves silane, a spontaneously flammable gas.	1405
–	T1	TP33	F-G, S-N	Category B. Only to be loaded under dry weather conditions. Under deck in a mechanically ventilated space. "Separated from" acids.	See entry above.	1405
–	–	–	F-G, S-N	Category D. "Separated from" acids.	White, ductile, soft metal. Reacts violently with moisture, water or acids, evolving hydrogen, which may be ignited by the heat of the reaction. Highly reactive, sometimes with explosive effect.	1407
–	T1 BK2	TP33	F-G, S-N	Category A. Only to be loaded under dry weather conditions. Keep as dry as reasonably practicable. Under deck in a mechanically ventilated cargo space. Clear of living quarters. "Separated from" acids and alkalis.	In contact with moisture, water, alkalis or acids, may evolve hydrogen, a flammable gas, which may form explosive mixtures with air, and also arsine and phosphine, which are highly toxic gases. These gases are evolved in proportions which, under mechanically ventilated conditions, make the poison hazard by far predominant over the explosion hazard. The rate of gas evolution is greatest from freshly broken surfaces, so is liable to increase whenever the cargo is disturbed, such as, during loading. Toxic if swallowed, by skin contact or by vapour inhalation.	1408
–	–	–	F-G, S-L	Category D. "Separated from" acids.	Solids. React with water, moisture or acids, evolving hydrogen, which may be ignited by the heat of the reaction.	1409
–	T3	TP33	F-G, S-L	Category D. "Separated from" acids.	See entry above.	1409
–	–	–	F-G, S-M	Category E. "Separated from" acids.	White powder. In contact with water, acids or moisture, evolves hydrogen, which may be ignited by the heat of the reaction.	1410
–	–	–	F-G, S-M	Category D. Clear of living quarters.	Clear, colourless solution of lithium aluminium hydride in ether. Reacts readily with water, evolving hydrogen, a flammable gas. Evaporates readily to leave a residue which is easily ignited by a spark or friction.	1411
–	–	–	F-G, S-O	Category E. "Separated from" acids.	Crystalline, hygroscopic solid. In contact with water, acids and moisture evolves hydrogen, which may be ignited by the heat of the reaction.	1413
–	–	–	F-G, S-N	Category E. "Separated from" acids.	Solid. In contact with water, acids or moisture, evolves hydrogen, which may be ignited by the heat of the reaction.	1414
–	–	–	F-G, S-N	Category E. "Separated from" acids.	White, ductile, soft metal. Floats on water. Readily decomposes in water and reacts violently with acids, evolving hydrogen, which may be ignited by the heat of the reaction. For fire-fighting purposes, dry lithium chloride powder, dry sodium chloride or graphite powder should be carried on board when this substance is transported.	1415
–	T3	TP33	F-G, S-N	Category A. Only to be loaded under dry weather conditions. Under deck in a mechanically ventilated space.	Shiny lumps, crystals or powder, with sharp irritating odour. Reacts readily with water, evolving hydrogen and silane, flammable gases. Enough heat may be generated to ignite the gas mixture in air.	1417

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	4.2	I	–	None	P403	PP31	–	–
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	4.2	II	–	None	P410	PP40	IBC05	B2
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	4.2	III	223	None	P410	–	IBC08	B4
1419	MAGNESIUM ALUMINIUM PHOSPHIDE	4.3	6.1	I	–	None	P403	PP31	–	–
1420	POTASSIUM METAL ALLOYS, LIQUID	4.3	–	I	–	None	P402	PP31	–	–
1421	ALKALI METAL ALLOY, LIQUID, N.O.S.	4.3	–	I	182	None	P402	PP31	–	–
1422	POTASSIUM SODIUM ALLOYS, LIQUID	4.3	–	I	–	None	P402	PP31	–	–
1423	RUBIDIUM	4.3	–	I	–	None	P403	PP31	IBC04	B1
1426	SODIUM BOROHYDRIDE	4.3	–	I	–	None	P403	PP31	–	–
1427	SODIUM HYDRIDE	4.3	–	I	–	None	P403	PP31	–	–
1428	SODIUM	4.3	–	I	–	None	P403	PP31	IBC04	B1
1431	SODIUM METHYLATE	4.2	8	II	–	None	P410	PP31	IBC05	B2
1432	SODIUM PHOSPHIDE	4.3	6.1	I	–	None	P403	PP31	–	–
1433	STANNIC PHOSPHIDE	4.3	6.1	I	–	None	P403	PP31	–	–
1435	ZINC ASHES	4.3	–	III	223 935	1 kg	P002	–	IBC08	B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-G, S-O	Category A. "Away from" liquid halogenated hydrocarbons. "Separated from" acids.	In contact with moisture, water or acids, evolves hydrogen, a flammable gas. Magnesium dust is easily ignited, causing explosion. May explode when in contact with oxidizing substances. For fire-fighting purposes, dry lithium chloride powder, dry sodium chloride or graphite powder should be carried on board when this substance is transported. Reacts with liquid halogenated hydrocarbons.	1418
–	T3	TP33	F-G, S-O	Category A. "Away from" liquid halogenated hydrocarbons. "Separated from" acids.	See entry above.	1418
–	T1	TP33	F-G, S-O	Category A. "Away from" liquid halogenated hydrocarbons. "Separated from" acids.	See entry above.	1418
–	–	–	F-G, S-N	Category E. Under deck in a mechanically ventilated space. Clear of living quarters. "Separated from" acids.	Solid. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	1419
–	–	–	F-G, S-L	Category D. "Separated from" acids.	Soft, silvery metal liquid. Floats on water. Reacts violently with moisture, water or acids, evolving hydrogen, which may be ignited by the heat of the reaction. Highly reactive, sometimes with explosive effect.	1420
–	–	–	F-G, S-L	Category D. "Separated from" acids.	Flows like mercury at ordinary temperatures. Not volatile. Reacts violently with moisture, water or acids, evolving hydrogen, a flammable gas, and developing considerable heat which may ignite the gas.	1421
–	T9	TP3 TP7 TP31	F-G, S-L	Category D. "Separated from" acids.	Soft, silvery metal liquid. Floats on water. Reacts violently with moisture, water or acids, evolving hydrogen, which may be ignited by the heat of the reaction. Highly reactive, sometimes with explosive effect.	1422
–	–	–	F-G, S-N	Category D. "Separated from" acids.	Silvery-white, ductile, soft metal. Melting point: 39°C. Floats on water. Reacts violently with moisture, water or acids, evolving hydrogen, which may be ignited by the heat of the reaction. Highly reactive, sometimes with explosive effect.	1423
–	–	–	F-G, S-O	Category E. "Separated from" acids.	Crystalline powder. In contact with water, acids or moisture, evolves hydrogen, which may be ignited by the heat of the reaction.	1426
–	–	–	F-G, S-O	Category E. "Separated from" acids.	White powder. In contact with water, acids or moisture, evolves hydrogen, which may be ignited by the heat of the reaction.	1427
–	T9	TP7 TP33	F-G, S-N	Category D. "Separated from" acids.	White, ductile, soft metal. Floats on water. Reacts violently with moisture, water or acids, evolving hydrogen, which may be ignited by the heat of the reaction. Highly reactive, sometimes with explosive effect.	1428
–	T3	TP33	F-A, S-L	Category B.	White, amorphous, free-flowing, hygroscopic powder. Decomposed by water to form methanol, a flammable liquid, which may be ignited by the heat of the reaction. Causes burns to skin, eyes and mucous membranes.	1431
–	–	–	F-G, S-N	Category E. Under deck in a mechanically ventilated space. Clear of living quarters. "Separated from" acids.	Solid. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	1432
–	–	–	F-G, S-N	Category E. Under deck in a mechanically ventilated space. Clear of living quarters. "Separated from" acids.	Silver-white solid. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	1433
–	T1 BK2	TP33	F-G, S-O	Category A.	In contact with moisture or water, liable to evolve dangerous gases, including hydrogen, a flammable gas.	1435

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1436	ZINC POWDER or ZINC DUST	4.3	4.2	I	–	None	P403	–		–
1436	ZINC POWDER or ZINC DUST	4.3	4.2	II	–	None	P410	PP40	IBC07	B2
1436	ZINC POWDER or ZINC DUST	4.3	4.2	III	223	None	P410	–	IBC08	B4
1437	ZIRCONIUM HYDRIDE	4.1	–	II	–	1 kg	P410	PP31 PP40	IBC04	–
1438	ALUMINIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1439	AMMONIUM DICHROMATE	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
1442	AMMONIUM PERCHLORATE	5.1	–	II	152	1 kg	P002	–	IBC06	B2
1444	AMMONIUM PERSULPHATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1445	BARIUM CHLORATE, SOLID	5.1	6.1	II	–	1 kg	P002	–	IBC06	B2
1446	BARIUM NITRATE	5.1	6.1	II	–	1 kg	P002	–	IBC08	B2 B4
1447	BARIUM PERCHLORATE, SOLID	5.1	6.1	II	–	1 kg	P002	–	IBC06	B2
1448	BARIUM PERMANGANATE	5.1	6.1	II	–	1 kg	P002	–	IBC06	B2
1449	BARIUM PEROXIDE	5.1	6.1	II	–	1 kg	P002	–	IBC06	B2
1450	BROMATES, INORGANIC, N.O.S.	5.1	– •	II	900 944	1 kg	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-G, S-O	Category A. "Separated from" acids and alkalis.	In contact with water, alkalis or acids, evolves hydrogen, a flammable gas. Zinc dust is easily ignited, causing explosion. May explode when in contact with oxidizing substances.	1436
–	T3	TP33	F-G, S-O	Category A. "Separated from" acids and alkalis.	See entry above.	1436
–	T1	TP33	F-G, S-O	Category A. "Separated from" acids and alkalis.	See entry above.	1436
–	T3	TP33	F-A, S-G	Category E.	Black coloured powder.	1437
–	T1 BK2	TP33	F-A, S-Q	Category A.	Colourless or white crystals. Deliquescent. Soluble in water. Slightly corrosive. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed.	1438
–	T3	TP33	F-H, S-Q	Category A. "Separated from" strong acids.	Orange needles. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. May ignite spontaneously in contact with strong acids. Harmful if swallowed.	1439
–	T3	TP33	F-H, S-Q	Category E. "Separated from" cyanides and hydrogen peroxide.	White crystals or powder. Soluble in water. When heated, decomposes readily, even with explosion, evolving toxic fumes. Forms highly explosive mixtures with combustible material or powdered metals. These mixtures are sensitive to friction and are liable to ignite.	1442
–	T1	TP33	F-A, S-Q	Category A.	White crystals or powder. Soluble in water. Mixtures with combustible material are sensitive to friction and are liable to ignite.	1444
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless crystals or powder. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion. Toxic if swallowed, by skin contact or by dust inhalation.	1445
–	T3 BK2	TP33	F-A, S-Q	Category A.	White crystals. Mixtures with combustible material are readily ignited and may burn fiercely. Toxic if swallowed, by skin contact or by dust inhalation.	1446
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White crystals or powder, soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion. Toxic if swallowed, by skin contact or by dust inhalation.	1447
–	T3	TP33	F-H, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	Brownish-violet crystals. Soluble in water. Reacts vigorously with sulphuric acid and hydrogen peroxide. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion. Toxic if swallowed, by skin contact or by dust inhalation.	1448
–	T3	TP33	F-G, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	White powder. Particularly if wetted with small quantities of water, a mixture with combustible material may ignite following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen. Toxic if swallowed, by skin contact or by dust inhalation.	1449
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Solids. React vigorously with sulphuric acid. React fiercely with cyanides when heated or by friction; and may form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1450

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1451	CAESIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1452	CALCIUM CHLORATE	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
1453	CALCIUM CHLORITE	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
1454	CALCIUM NITRATE	5.1	–	III	208	5 kg	P002 LP02	–	IBC08	B3
1455	CALCIUM PERCHLORATE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1456	CALCIUM PERMANGANATE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1457	CALCIUM PEROXIDE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1458	CHLORATE AND BORATE MIXTURE	5.1	– •	II	944	1 kg	P002	–	IBC08	B2 B4
1458	CHLORATE AND BORATE MIXTURE	5.1	– •	III	223 944	5 kg	P002 LP02	–	IBC08	B3
1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE, SOLID	5.1	– •	II	944	1 kg	P002	–	IBC08	B2 B4
1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE, SOLID	5.1	– •	III	223 944	5 kg	P002 LP02	–	IBC08	B3
1461	CHLORATES, INORGANIC, N.O.S.	5.1	– •	II	900 944	1 kg	P002	–	IBC06	B2

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T1	TP33	F-A, S-Q	Category A.	White powder. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed.	1451
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White to yellowish deliquescent crystals. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1452
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White deliquescent crystals. Soluble in water. Sensitive to heat. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1453
–	T1 BK2	TP33	F-A, S-Q	Category A.	White deliquescent solid, soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed.	1454
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White crystals or powder. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1455
–	T3	TP33	F-H, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	Violet deliquescent crystals. Soluble in water. Occurs in hydrated form. Reacts vigorously with sulphuric acid and hydrogen peroxide. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1456
–	T3	TP33	F-G, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	White or yellowish powder. Particularly if wetted with small quantities of water, a mixture with combustible material may ignite following impact or friction. When involved in a fire, or on contact with water or acids, decomposes, evolving oxygen.	1457
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Solid. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1458
–	T1	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	See entry above.	1458
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Deliquescent solid. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1459
–	T1	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	See entry above.	1459
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Solids. React vigorously with sulphuric acid. React fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire, may cause an explosion.	1461

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1462	CHLORITES, INORGANIC, N.O.S.	5.1	– ●	II	900 944	1 kg	P002	–	IBC06	B2
1463	CHROMIUM TRIOXIDE, ANHYDROUS	5.1	6.1 8	II	–	1 kg	P002	PP31	IBC08	B4
1465	DIDYMIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1466	FERRIC NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1467	GUANIDINE NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1469	LEAD NITRATE	5.1	6.1 P	II	–	1 kg	P002	–	IBC08	B2 B4
1470	LEAD PERCHLORATE, SOLID	5.1	6.1 P	II	–	1 kg	P002	–	IBC06	B2
1471	LITHIUM HYPOCHLORITE, DRY or LITHIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
1472	LITHIUM PEROXIDE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1473	MAGNESIUM BROMATE	5.1	–	II	–	1 kg	P002	–	IBC08	B4
1474	MAGNESIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Solids. React vigorously with sulphuric acid. React fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1462
–	T3	TP33	F-A, S-Q	Category A. Segregation as for class 5.1 but "Separated from" classes 4.1 and 7.	Dark-purplish red deliquescent crystals. Soluble in water. Mixtures with combustible material may ignite spontaneously and may even explode. In the presence of moisture, corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1463
–	T1	TP33	F-A, S-Q	Category A.	Hygroscopic solid. Mixture of neodymium nitrate and praseodymium nitrate. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed.	1465
–	T1	TP33	F-A, S-Q	Category A.	Violet deliquescent crystals. Soluble in water. Melting point: 47°C. Mixtures with combustible material are readily ignited and may burn fiercely. Solutions in water are slightly corrosive to most metals. Harmful if swallowed.	1466
–	T1	TP33	F-A, S-Q	Category A. "Separated from" chlorates.	White granules. Soluble in water. Mixtures with combustible material are sensitive to friction and are liable to ignite. NITROGUANIDINE is a different substance.	1467
–	T3 BK2	TP33	F-A, S-Q	Category A.	White crystals. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Toxic if swallowed, by skin contact or by dust inhalation.	1469
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White crystals or powder. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion. Toxic if swallowed, by skin contact or by dust inhalation.	1470
–	T3	TP33	F-H, S-Q	Category A. Ventilation may be required. The possible need to open hatches in case of fire to provide maximum ventilation and to apply water in an emergency, and the consequent risk to the stability of the ship through flooding of the cargo spaces, shall be considered before loading. "Separated from" ammonium compounds, acids, cyanides, hydrogen peroxide and liquid organic substances. "Away from" sources of heat.	White powder with pungent odour. Soluble in water. Critical ambient temperature of decomposition may be as low as 60°C. May cause fire in contact with organic material or ammonium compounds. Reacts with acids evolving chlorine, an irritating, corrosive and toxic gas. In the presence of moisture, corrosive to most metals. Dust irritates mucous membranes.	1471
–	T3	TP33	F-G, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	White powder. Soluble in water. Solution in water is an alkaline corrosive liquid. Particularly if wetted with small quantities of water, a mixture with combustible material may ignite following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen.	1472
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White deliquescent crystals or crystalline powder. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1473
–	T1 BK2	TP33	F-A, S-Q	Category A.	White deliquescent crystals, soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed.	1474

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1475	MAGNESIUM PERCHLORATE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1476	MAGNESIUM PEROXIDE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1477	NITRATES, INORGANIC, N.O.S.	5.1	– •	II	944	1 kg	P002	–	IBC08	B2 B4
1477	NITRATES, INORGANIC, N.O.S.	5.1	– •	III	223 944	5 kg	P002 LP02	–	IBC08	B3
1479	OXIDIZING SOLID, N.O.S.	5.1	– •	I	274 900	None	P503	–	IBC05	B1
1479	OXIDIZING SOLID, N.O.S.	5.1	– •	II	274 900 944	1 kg	P002	–	IBC08	B2 B4
1479	OXIDIZING SOLID, N.O.S.	5.1	– •	III	223 274 900 944	5 kg	P002 LP02	–	IBC08	B3
1481	PERCHLORATES, INORGANIC, N.O.S.	5.1	– •	II	944	1 kg	P002	–	IBC06	B2
1481	PERCHLORATES, INORGANIC, N.O.S.	5.1	– •	III	223 944	5 kg	P002 LP02	–	IBC08	B3
1482	PERMANGANATES, INORGANIC, N.O.S.	5.1	– •	II	900 944	1 kg	P002	–	IBC06	B2
1482	PERMANGANATES, INORGANIC, N.O.S.	5.1	– •	III	223 900 944	5 kg	P002	–	IBC08	B3
1483	PEROXIDES, INORGANIC, N.O.S.	5.1	– •	II	944	1 kg	P002	–	IBC06	B2
1483	PEROXIDES, INORGANIC, N.O.S.	5.1	– •	III	223 944	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White crystals or powder. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1475
–	T3	TP33	F-G, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	White powder. Particularly if wetted with small quantities of water, a mixture with combustible material may ignite following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen. Harmful if swallowed.	1476
–	T3	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Solids. Solid mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed.	1477
–	T1	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	See entry above.	1477
–	–	–	F-A, S-Q	Category D. "Separated from" powdered metals, ammonium compounds, cyanides and peroxides.	–	1479
–	T3	TP33	F-A, S-Q	Category B. "Separated from" powdered metals, ammonium compounds, cyanides and peroxides.	–	1479
–	T1	TP33	F-A, S-Q	Category B. "Separated from" powdered metals, ammonium compounds, cyanides and peroxides.	–	1479
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Solids. React vigorously with sulphuric acid. React fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire, may cause an explosion.	1481
–	T1	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	See entry above.	1481
–	T3	TP33	F-H, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	Solids. React vigorously with sulphuric acid. React fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire, may cause an explosion.	1482
–	T1	TP33	F-H, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	See entry above.	1482
–	T3	TP33	F-G, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	Particularly if wetted with small quantities of water, a mixture with combustible material may ignite following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen.	1483
–	T1	TP33	F-G, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	See entry above.	1483

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1484	POTASSIUM BROMATE	5.1	–	II	–	1 kg	P002	–	IBC08	B4
1485	POTASSIUM CHLORATE	5.1	–	II	–	1 kg	P002	–	IBC08	B4
1486	POTASSIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1487	POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE	5.1	–	II	–	1 kg	P002	–	IBC08	B4
1488	POTASSIUM NITRITE	5.1	–	II	–	1 kg	P002	–	IBC08	B4
1489	POTASSIUM PERCHLORATE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1490	POTASSIUM PERMANGANATE	5.1	–	II	–	1 kg	P002	–	IBC08	B4
1491	POTASSIUM PEROXIDE	5.1	–	I	–	None	P503	–	IBC06	B1
1492	POTASSIUM PERSULPHATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1493	SILVER NITRATE	5.1	–	II	–	1 kg	P002	–	IBC08	B4
1494	SODIUM BROMATE	5.1	–	II	–	1 kg	P002	–	IBC08	B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White crystals or powder. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible materials, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1484
–	T3 BK2	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White crystals or powder. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1485
–	T1 BK2	TP33	F-A, S-Q	Category A.	White crystals or powder. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed.	1486
–	T3	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Deliquescent solid. Soluble in water. May cause fire in contact with organic material such as wood, cotton or straw. Mixtures with ammonium compounds or cyanides may explode. Harmful if swallowed. May be shipped in the form of fused solid block or lumps.	1487
–	T3	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White or slightly yellowish deliquescent crystals or sticks. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Mixtures with ammonium compounds or cyanides may explode. Harmful if swallowed.	1488
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White crystals or powder, soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1489
–	T3	TP33	F-H, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	Dark purple crystals or powder. Soluble in water. Reacts vigorously with sulphuric acid and hydrogen peroxide. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1490
–	–	–	F-G, S-Q	Category B. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	Yellow powder. Particularly if wetted with small quantities of water, a mixture with combustible material may ignite, following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen. Highly irritating to skin, eyes and mucous membranes.	1491
–	T1	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White crystals or powder. Soluble in water. Mixtures with combustible material are sensitive to friction and are liable to ignite. Reacts fiercely with cyanides when heated or by friction. May form explosive mixture with powdered metals or ammonium compounds.	1492
–	T3	TP33	F-A, S-Q	Category A.	Colourless crystals. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed. Irritating to skin and mucous membranes.	1493
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White deliquescent crystals. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1494

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1495	SODIUM CHLORATE	5.1	–	II	–	1 kg	P002	–	IBC08	B4
1496	SODIUM CHLORITE	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
1498	SODIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1499	SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1500	SODIUM NITRITE	5.1	6.1	III	–	5 kg	P002	–	IBC08	B3
1502	SODIUM PERCHLORATE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1503	SODIUM PERMANGANATE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1504	SODIUM PEROXIDE	5.1	–	I	–	None	P503	–	IBC05	B1
1505	SODIUM PERSULPHATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1506	STRONTIUM CHLORATE	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
1507	STRONTIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3 BK2	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless deliquescent crystals. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1495
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless deliquescent solid. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1496
–	T1 BK2	TP33	F-A, S-Q	Category A.	Colourless deliquescent solid. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed. This substance in the impure form is known as Chile Saltpetre.	1498
–	T1 BK2	TP33	F-A, S-Q	Category A.	Colourless, hygroscopic solid. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed. Mixture prepared as a fertilizer.	1499
–	T1	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless deliquescent solid. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Mixtures with ammonium compounds or cyanides may explode. Decomposes if heated, giving off toxic nitrous fumes and gases supporting combustion. Harmful if swallowed or by dust inhalation.	1500
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless crystals or powder, soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1502
–	T3	TP33	F-H, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	Red crystals or powder. Soluble in water. Reacts vigorously with sulphuric acid and hydrogen peroxide. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1503
–	–	–	F-G, S-Q	Category B. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	Pale yellow coarse powder or granules. Particularly if wetted with small quantities of water, a mixture with combustible material may ignite, following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen. Highly irritating to skin, eyes and mucous membranes.	1504
–	T1	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless crystals or powder. Soluble in water. Mixtures with combustible material are sensitive to friction and are liable to ignite. Reacts fiercely with cyanides when heated or by friction. May form explosive mixture with powdered metals or ammonium compounds.	1505
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless deliquescent solid, soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1506
–	T1	TP33	F-A, S-Q	Category A.	Colourless solid. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed.	1507

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1508	STRONTIUM PERCHLORATE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1509	STRONTIUM PEROXIDE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1510	TETRANITROMETHANE	5.1	6.1	I	–	None	P602	–	–	–
1511	UREA HYDROGEN PEROXIDE	5.1	8	III	–	5 kg	P002	–	IBC08	B3
1512	ZINC AMMONIUM NITRITE	5.1	–	–	900	–	–	–	–	–
1513	ZINC CHLORATE	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
1514	ZINC NITRATE	5.1	–	II	–	1 kg	P002	–	IBC08	B4
1515	ZINC PERMANGANATE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1516	ZINC PEROXIDE	5.1	–	II	–	1 kg	P002	–	IBC06	B2
1517	ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass	4.1	–	I	28	None	P406	PP26 PP31	–	–
1541	ACETONE CYANOHYDRIN, STABILIZED	6.1	– P	I	–	None	P602	–	–	–
1544	ALKALOIDS, SOLID, N.O.S. or ALKALOIDS SALTS, SOLID, N.O.S.	6.1	– •	I	43 274	None	P002	–	IBC07	B1
1544	ALKALOIDS, SOLID, N.O.S. or ALKALOIDS SALTS, SOLID, N.O.S.	6.1	– •	II	43 274	500 g	P002	–	IBC08	B2 B4
1544	ALKALOIDS, SOLID, N.O.S. or ALKALOIDS SALTS, SOLID, N.O.S.	6.1	– •	III	43 223 274 944	5 kg	P002 LP02	–	IBC08	B3
1545	ALLYL ISOTHIOCYANATE, STABILIZED	6.1	3	II	–	100 ml	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless crystals or powder, soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1508
–	T3	TP33	F-G, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	Colourless powder. Particularly if wetted with small quantities of water, a mixture with combustible materials may ignite following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen.	1509
–	–	–	F-H, S-Q	Category D. Clear of living quarters. "Separated from" class 4.1.	Colourless liquid with a pungent odour. Freezing point: 12.5°C. Insoluble in water. Mixtures with combustible material are readily ignited, burn fiercely and may also explode by friction or shock. Toxic if swallowed, by skin contact or by vapour inhalation.	1510
–	T1	TP33	F-A, S-Q	Category A. Keep as dry as reasonably practicable.	White crystals or powder. Soluble in water. Mixtures with combustible material are sensitive to friction and are liable to ignite. Irritating to skin, eyes and mucous membranes.	1511
–	–	–	–	–	–	1512
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless or yellowish crystals. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1513
–	T3	TP33	F-H, S-Q	Category A.	Colourless solid. Soluble in water. Melting point: 36°C. Mixtures with combustible material are readily ignited and may burn fiercely. Solutions in water are slightly corrosive. Harmful if swallowed.	1514
–	T3	TP33	F-H, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	Violet-brown or black crystals or powder. Soluble in water. Reacts vigorously with sulphuric acid and hydrogen peroxide. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	1515
–	T3	TP33	F-G, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	White powder. Particularly if wetted with small quantities of water, a mixture with combustible material may ignite following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen.	1516
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Highly explosive in the dry state or if insufficiently wetted. May react violently in contact with heavy metals or their salts.	1517
T10	T14	TP2 TP13	F-A, S-A	Category D. Shaded from radiant heat. Clear of living quarters. "Separated from" acids and alkalis.	Colourless to amber liquid evolving toxic vapour. Miscible with water. Unstable in contact with acids and alkalis, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed, by skin contact or by inhalation.	1541
–	T6	TP9 TP33	F-A, S-A	Category A.	A wide range of toxic solids, generally of vegetable origin. Toxic if swallowed, by skin contact or by inhalation.	1544
–	T3	TP33	F-A, S-A	Category A.	See entry above.	1544
–	T1	TP33	F-A, S-A	Category A.	See entry above	1544
–	T7	TP2	F-E, S-D	Category D. Clear of living quarters.	Colourless liquid evolving toxic vapour which is irritating and causes tears. Flashpoint: 46°C c.c. Toxic if swallowed, by skin contact or by inhalation.	1545

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1546	AMMONIUM ARSENATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1547	ANILINE	6.1	–	II	279	100 ml	P001	–	IBC02	–
1548	ANILINE HYDROCHLORIDE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.	6.1	–	III	45	5 kg	P002 LP02	–	IBC08	B3
1550	ANTIMONY LACTATE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1551	ANTIMONY POTASSIUM TARTRATE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1553	ARSENIC ACID, LIQUID	6.1	–	I	–	None	P001	PP31	–	–
1554	ARSENIC ACID, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1555	ARSENIC BROMIDE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1556	ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.	6.1	– ●	I	43	None	P001	–	–	–
1556	ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.	6.1	– ●	II	43	100 ml	P001	–	IBC02	–
1556	ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.	6.1	– ●	III	43 223 944	5 l	P001 LP01	–	IBC03	–
1557	ARSENIC COMPOUND, SOLID, N.O.S. inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	– ●	I	43	None	P002	–	IBC07	B1
1557	ARSENIC COMPOUND, SOLID, N.O.S. inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	– ●	II	43	500 g	P002	–	IBC08	B2 B4
1557	ARSENIC COMPOUND, SOLID, N.O.S. inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	– ●	III	43 223 944	5 kg	P002 LP02	–	IBC08	B3
1558	ARSENIC	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1559	ARSENIC PENTOXIDE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1560	ARSENIC TRICHLORIDE	6.1	–	I	–	None	P602	–	–	–
1561	ARSENIC TRIOXIDE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-A	Category A. "Separated from" alkalis.	White powder or crystals. Soluble in water. Reacts with alkalis, evolving ammonia gas. Toxic if swallowed, by skin contact or by dust inhalation.	1546
T4	T7	TP2	F-A, S-A	Category A. Clear of living quarters. "Separated from" acids.	Colourless, oily, volatile liquid. Reacts with acids. Toxic if swallowed, by skin contact or by inhalation.	1547
–	T1	TP33	F-A, S-A	Category A.	White, crystalline solid. Soluble in water. Decomposes to aniline in contact with alkalis. Toxic if swallowed, by skin contact or by inhalation.	1548
–	T1	TP33	F-A, S-A	Category A.	A wide range of toxic solids. Toxic if swallowed, by skin contact or by inhalation.	1549
–	T1	TP33	F-A, S-A	Category A.	White powder or crystals. Toxic if swallowed, by skin contact or by dust inhalation.	1550
–	T1	TP33	F-A, S-A	Category A.	Colourless crystals or white powder. Toxic if swallowed, by skin contact or by dust inhalation.	1551
T10	T20	TP2 TP7 TP13	F-A, S-A	Category B. "Away from" powdered metals.	White, deliquescent crystals which readily become liquid. Melting point: approximately 35°C. Miscible with water. In contact with metals, may evolve arsine, an extremely toxic gas. Highly toxic if swallowed, by skin contact or by inhalation.	1553
–	T3	TP33	F-A, S-A	Category A.	White crystals with a relatively high melting point. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1554
–	T3	TP33	F-A, S-A	Category A. Keep as cool as reasonably practicable. Clear of living quarters.	White, deliquescent crystals. Melting point: approximately 33°C. Decomposed by water, evolving hydrogen bromide, an irritating and corrosive gas, apparent as white fumes. Toxic if swallowed, by skin contact or by dust inhalation.	1555
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters. For arsenic sulphides, "Separated from" acids.	A wide variety of toxic liquids. In contact with acids, arsenic sulphide evolves hydrogen sulphide, a toxic and flammable gas. Toxic if swallowed, by skin contact or by inhalation.	1556
–	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters. For arsenic sulphides, "Separated from" acids.	See entry above.	1556
–	T7	TP2 TP28	F-A, S-A	Category B. Clear of living quarters. For arsenic sulphides, "Separated from" acids.	See entry above.	1556
–	T6	TP9 TP33	F-A, S-A	Category A. For arsenic sulphides, "Separated from" acids.	A wide variety of toxic solids. In contact with acids, arsenic sulphide evolves hydrogen sulphide, a toxic and flammable gas. Toxic if swallowed, by skin contact or by dust inhalation.	1557
–	T3	TP33	F-A, S-A	Category A. For arsenic sulphides, "Separated from" acids.	See entry above.	1557
–	T1	TP33	F-A, S-A	Category A. For arsenic sulphides, "Separated from" acids.	See entry above.	1557
–	T3	TP33	F-A, S-A	Category A.	Silvery, brittle, crystalline solid with the appearance of a metal. Toxic if swallowed, by skin contact or by dust inhalation.	1558
–	T3	TP33	F-A, S-A	Category A.	White, deliquescent powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1559
T10	T14	TP2 TP13	F-A, S-A	Category B. Clear of living quarters.	Colourless, oily liquid. Fumes in moist air, evolving hydrogen chloride, an irritating and corrosive gas, apparent as white fumes. Reacts with water. Highly toxic if swallowed, by skin contact or by inhalation.	1560
–	T3	TP33	F-A, S-A	Category A.	White powder. Slightly soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1561

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1562	ARSENICAL DUST	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1564	BARIUM COMPOUND, N.O.S.	6.1	– ●	II	177	500 g	P002	–	IBC08	B2 B4
1564	BARIUM COMPOUND, N.O.S.	6.1	– ●	III	177 223 944	5 kg	P002 LP02	–	IBC08	B3
1565	BARIUM CYANIDE	6.1	– P	I	–	None	P002	PP31	IBC07	B1
1566	BERYLLIUM COMPOUND, N.O.S.	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1566	BERYLLIUM COMPOUND, N.O.S.	6.1	–	III	223	5 kg	P002 LP02	–	IBC08	B3
1567	BERYLLIUM POWDER	6.1	4.1	II	–	500 g	P002	–	IBC08	B2 B4
1569	BROMOACETONE	6.1	3 P	II	–	None	P602	–	–	–
1570	BRUCINE	6.1	–	I	43	None	P002	–	IBC07	B1
1571	BARIUM AZIDE, WETTED with not less than 50% water, by mass	4.1	6.1	I	28	None	P406	PP31	–	–
1572	CACODYLIC ACID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1573	CALCIUM ARSENATE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1574	CALCIUM ARSENATE AND CALCIUM ARSENITE MIXTURE, SOLID	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1575	CALCIUM CYANIDE	6.1	– P	I	–	None	P002	PP31	IBC07	B1
1577	CHLORODINITROBENZENES, LIQUID	6.1	– P	II	279	100ml	P001	–	IBC02	–
1578	CHLORONITROBENZENES, SOLID	6.1	–	II	279	500 g	P002	–	IBC08	B2 B4
1579	4-CHLORO-ortho-TOLUIDINE HYDROCHLORIDE, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1580	CHLOROPICRIN	6.1	– P	I	–	None	P602	–	–	–
1581	CHLOROPICRIN AND METHYL BROMIDE MIXTURE with more than 2% chloropicrin	2.3	–	–	–	None	P200	–	–	–
1582	CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	2.3	–	–	–	None	P200	–	–	–
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	– ●	I	43 315	None	P602	–	–	–
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	– ●	II	43	100 ml	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-A	Category A.	Fine powder. Toxic if swallowed, by skin contact or by dust inhalation.	1562
–	T3	TP33	F-A, S-A	Category A.	White powder, lumps or crystals. Toxic if swallowed, by skin contact or by inhalation.	1564
–	T1	TP33	F-A, S-A	Category A.	See entry above.	1564
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters. "Separated from" acids.	White crystals or powder. Soluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed, by skin contact or by dust inhalation.	1565
–	T3	TP33	F-A, S-A	Category A.	A wide range of toxic solids. Toxic if swallowed, by skin contact or by dust inhalation.	1566
–	T1	TP33	F-A, S-A	Category A.	See entry above.	1566
–	T3	TP33	F-G, S-G	Category A.	White, metallic powder. Toxic if swallowed, by skin contact or by dust inhalation.	1567
–	T10	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	When pure, colourless liquid evolving irritating vapour ("Tear Gas"). Flashpoint: approximately 45°C c.c. Toxic if swallowed, by skin contact or by inhalation.	1569
–	T6	TP33	F-A, S-A	Category A.	White crystals or powder. Highly toxic if swallowed, by skin contact or by dust inhalation.	1570
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. White crystals or powder. Explosive and sensitive to friction in the dry state. Toxic if swallowed, by skin contact or by dust inhalation. May form extremely sensitive compounds with heavy metals or their salts.	1571
–	T3	TP33	F-A, S-A	Category E. "Separated from" acids.	Colourless crystals or white powder with an offensive odour. Soluble in water. May react with acids, evolving dimethylarsine, an extremely toxic gas. Toxic if swallowed, by skin contact or by dust inhalation.	1572
–	T3	TP33	F-A, S-A	Category A.	White powder. Slightly soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1573
–	T3	TP33	F-A, S-A	Category A.	White powder. Toxic if swallowed, by skin contact or by dust inhalation.	1574
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters. "Separated from" acids.	White crystals or powder. Decomposes slowly in water to form a weak hydrogen cyanide solution. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed, by skin contact or by dust inhalation.	1575
–	T7	TP2	F-A, S-A	Category A. "Separated from" class 3.	Colourless liquids. May explode if involved in a fire. Toxic if swallowed, by skin contact or by inhalation.	1577
–	T3	TP33	F-A, S-A	Category A.	Yellow crystals. Melting point: approximately 30°C to 80°C. Toxic if swallowed, by skin contact or by inhalation.	1578
–	T1	TP33	F-A, S-A	Category A	Dry solid or paste. Toxic if swallowed, by skin contact or by dust inhalation.	1579
T10	T14	TP2 TP13	F-A, S-A	Category D. Clear of living quarters.	Colourless, oily liquid. Highly toxic if swallowed, by skin contact or by inhalation.	1580
–	T50	–	F-C, S-U	Category D. Shade from radiant heat. Clear of living quarters.	Extremely volatile liquid evolving highly toxic vapours. Highly toxic by skin contact or by inhalation. Causes burns to skin and eyes; vapour irritating to mucous membranes.	1581
–	T50	–	F-C, S-U	Category D. Shade from radiant heat. Clear of living quarters.	Extremely volatile liquid evolving highly toxic vapours. Highly toxic by skin contact or by inhalation. Causes burns to skin and eyes; vapour irritating to mucous membranes.	1582
–	–	–	F-A, S-A	Category C. Clear of living quarters.	A wide range of liquid mixtures. May evolve highly toxic vapour. Toxic if swallowed, by skin contact or by inhalation.	1583
–	–	–	F-A, S-A	Category C. Clear of living quarters.	See entry above.	1583

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	– ●	III	43 223 944	5 ℓ	P001 LP01	–	IBC03	–
1585	COPPER ACETOARSENITE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1586	COPPER ARSENITE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1587	COPPER CYANIDE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	– P	I	47 274	None	P002	–	IBC07	B1
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	– P	II	47 274	500 g	P002	–	IBC08	B2 B4
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	– P	III	47 223 274	5 kg	P002 LP02	–	IBC08	B3
1589	CYANOGEN CHLORIDE, STABILIZED	2.3	8 P	–	–	None	P200	–	–	–
1590	DICHLOROANILINES, LIQUID	6.1	– P	II	279	100 ml	P001	–	IBC02	–
1591	ortho-DICHLOROBENZENE	6.1	–	III	279	5 ℓ	P001 LP01	–	IBC03	–
1593	DICHLOROMETHANE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	B8
1594	DIETHYL SULPHATE	6.1	–	II	–	100 ml	P001	–	IBC02	–
1595	DIMETHYL SULPHATE	6.1	8	I	–	None	P602	–	–	–
1596	DINITROANILINES	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1597	DINITROBENZENES, LIQUID	6.1	–	II	–	100 ml	P001	–	IBC03	–
1597	DINITROBENZENES, LIQUID	6.1	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1598	DINITRO-ortho-CRESOL	6.1	– P	II	43	500 g	P002	–	IBC08	B2 B4
1599	DINITROPHENOL SOLUTION	6.1	– P	II	–	100 ml	P001	–	IBC02	–
1599	DINITROPHENOL SOLUTION	6.1	– P	III	223	5 ℓ	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-A, S-A	Category C. Clear of living quarters.	See entry above.	1583
–	T3	TP33	F-A, S-A	Category A.	Green powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1585
–	T3	TP33	F-A, S-A	Category A.	Yellowish-green powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1586
–	T3	TP33	F-A, S-A	Category A. "Separated from" acids.	Green powder. Slightly soluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by dust inhalation.	1587
–	T6	TP9 TP33	F-A, S-A	Category A. "Separated from" acids.	Solids. May be soluble in water. On contact with water, may form a weak hydrogen cyanide solution. React with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by dust inhalation. The provisions of this Code shall not apply to complex ferricyanides and ferrocyanides.	1588
–	T3	TP33	F-A, S-A	Category A. "Separated from" acids.	See entry above.	1588
–	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	See entry above.	1588
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Liquefied, non-flammable, toxic and corrosive gas with an irritating odour. Produces severe tearing of the eyes. On contact with water, reacts violently to give off highly toxic and corrosive fumes. Much heavier than air (2.1). Boiling point: 13°C. Toxic by skin contact or by inhalation. Highly irritating to skin, eyes and mucous membranes.	1589
–	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Colourless liquid with a penetrating odour. Liquid mixtures of various isomers of dichloroanilines, some of which in the pure state may be solid, with a melting point varying from 24°C to 72°C. Toxic if swallowed, by skin contact or by inhalation.	1590
T3	T4	TP1	F-A, S-A	Category A.	Volatile liquid. Melting point: approximately –17°C. Toxic if swallowed, by skin contact or by inhalation.	1591
–	T7	TP2	F-A, S-A	Category A.	Colourless, volatile liquid with heavy vapours. Boiling point: 40°C. When involved in a fire, evolves extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation.	1593
–	T7	TP2	F-A, S-A	Category C.	Colourless, oily liquid. Readily hydrolysed by moisture to sulphuric acid, which is a corrosive liquid. Toxic if swallowed, by skin contact or by inhalation.	1594
T10	T14	TP2 TP13	F-A, S-B	Category D. Clear of living quarters.	Colourless, volatile liquid evolving toxic vapours. In the presence of moisture, corrosive to most metals. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1595
–	T3	TP33	F-A, S-A	Category A. "Separated from" class 3.	Yellow crystals in pure form. Insoluble in water. May explode if involved in a fire. Toxic if swallowed, by skin contact or by inhalation.	1596
–	T7	TP2	F-A, S-A	Category A. "Separated from" class 3.	Yellow solutions. May explode if involved in a fire. Toxic if swallowed, by skin contact or by inhalation.	1597
–	T7	TP2	F-A, S-A	Category A. "Separated from" class 3.	See entry above.	1597
–	T3	TP33	F-A, S-A	Category A.	Yellow crystals or crystallized mass. Slightly soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1598
T3	T7	TP2	F-A, S-A	Category A. "Away from" heavy metals and their salts.	Substance when pure consists of yellow crystals. Slightly soluble in water. May form extremely sensitive compounds with heavy metals or their salts. Toxic if swallowed, by skin contact or by inhalation.	1599
T3	T4	TP1	F-A, S-A	Category A. "Away from" heavy metals and their salts.	See entry above.	1599

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1600	DINITROTOLUENES, MOLTEN	6.1	–	II	–	None	–	–	–	–
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	– •	I	274	None	P002	–	IBC07	B1
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	– •	II	274	500 g	P002	–	IBC08	B2 B4
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	– •	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	– •	I	274	None	P001	–	–	–
1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	– •	II	274	100 ml	P001	–	IBC02	–
1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	– •	III	223 274 944	5 l	P001 LP01	–	IBC03	–
1603	ETHYL BROMOACETATE	6.1	3	II	–	100 ml	P001	–	IBC02	–
1604	ETHYLENEDIAMINE	8	3	II	–	1 l	P001	–	IBC02	–
1605	ETHYLENE DIBROMIDE	6.1	–	I	–	None	P602	–	–	–
1606	FERRIC ARSENATE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1607	FERRIC ARSENITE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1608	FERROUS ARSENATE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1611	HEXAETHYL TETRAPHOSPHATE	6.1	– P	II	–	100 ml	P001	–	IBC02	–
1612	HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURE	2.3	–	–	–	None	P200	–	–	–
1613	HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with not more than 20% hydrogen cyanide	6.1	– P	I	900	None	P601	–	–	–
1614	HYDROGEN CYANIDE, STABILIZED containing less than 3% water and absorbed in a porous inert material	6.1	– P	I	–	None	P099	–	–	–
1616	LEAD ACETATE	6.1	– P	III	–	5 kg	P002 LP02	–	IBC08	B3
1617	LEAD ARSENATES	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1618	LEAD ARSENITES	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1620	LEAD CYANIDE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1621	LONDON PURPLE	6.1	– P	II	43	500 g	P002	–	IBC08	B2 B4
1622	MAGNESIUM ARSENATE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T7	TP3	F-A, S-A	Category C.	Molten liquid. This entry covers the 2,3-, 2,4-, 2,5-, 2,6-, 3,4- and 3,5-isomers having melting points between 52°C and 93°C. Toxic if swallowed, by skin contact or by inhalation.	1600
–	T6	TP9 TP33	F-A, S-A	Category A. Clear of living quarters.	A wide range of toxic solids. Toxic if swallowed, by skin contact or by inhalation.	1601
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	1601
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	1601
–	–	–	F-A, S-A	Category A.	A wide range of toxic liquids. Toxic if swallowed, by skin contact or by inhalation.	1602
–	–	–	F-A, S-A	Category A.	See entry above.	1602
–	–	–	F-A, S-A	Category A.	See entry above.	1602
–	T7	TP2	F-E, S-D	Category D. Clear of living quarters.	Colourless, flammable liquid evolving irritating vapour ("Tear Gas"). Flashpoint: 58°C c.c. Toxic if swallowed, by skin contact or by inhalation.	1603
–	T7	TP2	F-E, S-C	Category A. Clear of living quarters. "Separated from" acids.	Volatile, colourless, hygroscopic flammable liquid with an ammonia-like odour. Flashpoint: 34°C c.c. Miscible with water. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1604
–	T14	TP2 TP13	F-A, S-A	Category D. Clear of living quarters.	Colourless, volatile liquid. Highly toxic if swallowed, by skin contact or by inhalation.	1605
–	T3	TP33	F-A, S-A	Category A.	Green crystals or powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1606
–	T3	TP33	F-A, S-A	Category A.	Brown or yellow powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1607
–	T3	TP33	F-A, S-A	Category A.	Green powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1608
–	T7	TP2	F-A, S-A	Category E. Clear of living quarters.	Yellow liquid. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	1611
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	1612
T10	T14	TP2 TP13	F-A, S-A	Category D. Clear of living quarters.	Colourless liquid evolving extremely toxic vapour with a bitter almond odour. Miscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	1613
–	–	–	F-A, <u>S-U</u>	Category D. Shaded from radiant heat. Clear of living quarters.	Very volatile, colourless liquid, evolving extremely toxic flammable vapours, absorbed in a porous inert material. Miscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	1614
–	T1	TP33	F-A, S-A	Category A.	White crystals, or brown or grey lumps. Soluble in water. Toxic if swallowed, by skin contact or by inhalation.	1616
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1617
–	T3	TP33	F-A, S-A	Category A.	White powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1618
–	T3	TP33	F-A, S-A	Category A. "Separated from" acids.	White powder. Slightly soluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by dust inhalation.	1620
–	T3	TP33	F-A, S-A	Category A.	Mixture of arsenic trioxide, lime and ferric oxide, used as an insecticide. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1621
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1622

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1623	MERCURIC ARSENATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1624	MERCURIC CHLORIDE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1625	MERCURIC NITRATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1626	MERCURIC POTASSIUM CYANIDE	6.1	– PP	I	–	None	P002	PP31	IBC07	B1
1627	MERCUROUS NITRATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1629	MERCURY ACETATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1630	MERCURY AMMONIUM CHLORIDE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1631	MERCURY BENZOATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1634	MERCURY BROMIDES	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1636	MERCURY CYANIDE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1637	MERCURY GLUCONATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1638	MERCURY IODIDE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1639	MERCURY NUCLEATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1640	MERCURY OLEATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1641	MERCURY OXIDE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1642	MERCURY OXYCYANIDE, DESENSITIZED	6.1	– PP	II	900	500 g	P002	–	IBC08	B2 B4
1643	MERCURY POTASSIUM IODIDE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1644	MERCURY SALICYLATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1645	MERCURY SULPHATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1646	MERCURY THIOCYANATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1647	METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID	6.1	– P	I	–	None	P602	–	–	–
1648	ACETONITRILE	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-A	Category A.	Yellow crystals or powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1623
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1624
–	T3	TP33	F-A, S-A	Category A.	White, deliquescent crystals or powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1625
–	T6	TP33	F-A, S-A	Category A. "Separated from" acids.	Colourless crystals. Soluble in water. Reacts with acid, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed, by skin contact or by dust inhalation.	1626
–	T3	TP33	F-A, S-A	Category A.	Crystals or powder. Toxic if swallowed, by skin contact or by dust inhalation.	1627
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Toxic if swallowed, by skin contact or by dust inhalation.	1629
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1630
–	T3	TP33	F-A, S-A	Category A.	White crystals. Toxic if swallowed, by skin contact or by dust inhalation.	1631
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Toxic if swallowed, by skin contact or by dust inhalation.	1634
–	T3	TP33	F-A, S-A	Category A. "Separated from" acids.	White crystals or powder. Soluble in water. Reacts with acid or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by dust inhalation.	1636
–	T3	TP33	F-A, S-A	Category A.	Solid. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1637
–	T3	TP33	F-A, S-A	Category A.	Red crystals or powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1638
–	T3	TP33	F-A, S-A	Category A.	Brown powder containing about 20% mercury. Toxic if swallowed, by skin contact or by dust inhalation.	1639
–	T3	TP33	F-A, S-A	Category A.	Yellow oily paste. Insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	1640
–	T3	TP33	F-A, S-A	Category A.	Orange powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1641
–	T3	TP33	F-A, S-A	Category A. "Separated from" acids and class 3.	White crystals or powder. Reacts with acid or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. May explode if involved in a fire. Toxic if swallowed, by skin contact or by dust inhalation. Should be sufficiently phlegmatized (mercury oxycyanide–mercury cyanide mixtures containing not less than 65% by mass of mercury cyanide can be regarded as adequately phlegmatized). The transport of the substance in its pure form is prohibited.	1642
–	T3	TP33	F-A, S-A	Category A.	Yellow, deliquescent crystals or powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1643
–	T3	TP33	F-A, S-A	Category A.	White powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1644
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Decomposes in water, forming sulphuric acid. Toxic if swallowed, by skin contact or by dust inhalation.	1645
–	T3	TP33	F-A, S-A	Category A.	White powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1646
–	–	–	F-A, S-A	Category C. Clear of living quarters.	Solutions of methyl bromide gas, evolving toxic vapour. Methyl bromide has a boiling point of approximately 4°C. Highly toxic if swallowed, by skin contact or by inhalation.	1647
–	T7	TP2	F-E, S-D	Category B. Clear of living quarters.	Colourless, volatile liquid. Flashpoint: 2°C c.c. Explosive limits: 3% to 16%. Miscible with water. When involved in a fire, evolves toxic cyanide fumes. Harmful if swallowed, by skin contact or by inhalation.	1648

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1649	MOTOR FUEL ANTI-KNOCK MIXTURE	6.1	– P	I	329	None	P602	–	–	–
1650	beta-NAPHTHYLAMINE, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1651	NAPHTHYLTHIOUREA	6.1	–	II	43	500 g	P002	–	IBC08	B2 B4
1652	NAPHTHYLUREA	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1653	NICKEL CYANIDE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1654	NICOTINE	6.1	–	II	–	100 mL	P001	–	IBC02	–
1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	–	I	43	None	P002	–	IBC07	B1
1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	–	II	43	500 g	P002	–	IBC08	B2 B4
1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	–	III	43 223	5 kg	P002 LP02	–	IBC08	B3
1656	NICOTINE HYDROCHLORIDE, LIQUID or SOLUTION	6.1	–	II	43	100 mL	P001	–	IBC02	–
1656	NICOTINE HYDROCHLORIDE, LIQUID or SOLUTION	6.1	–	III	43 223	5 L	P001 LP01	–	IBC03	–
1657	NICOTINE SALICYLATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1658	NICOTINE SULPHATE SOLUTION	6.1	–	II	–	100 mL	P001	–	IBC02	–
1658	NICOTINE SULPHATE SOLUTION	6.1	–	III	223	5 L	P001 LP01	–	IBC03	–
1659	NICOTINE TARTRATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1660	NITRIC OXIDE, COMPRESSED	2.3	5.1/8	–	–	None	P200	–	–	–
1661	NITROANILINES	6.1	–	II	279	500 g	P002	–	IBC08	B2 B4
1662	NITROBENZENE	6.1	–	II	279	100 mL	P001	–	IBC02	–
1663	NITROPHENOLS	6.1	–	III	279	5 kg	P002 LP02	–	IBC08	B3
1664	NITROTOLUENES, LIQUID	6.1	–	II	–	100 mL	P001	–	IBC02	–
1665	NITROXYLENES, LIQUID	6.1	–	II	–	100 mL	P001	–	IBC02	–
1669	PENTACHLOROETHANE	6.1	– P	II	–	100 mL	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T14	TP2 TP13	F-A, S-A If flammable: F-E, S-D	Category D. Clear of living quarters. Shaded from radiant heat.	Volatile liquids evolving toxic vapour. Mixture of tetraethyllead or tetramethyllead with ethylene dibromide and ethylene dichloride. Insoluble in water. May have a flashpoint within the range of flammable liquids. Highly toxic if swallowed, by skin contact or by inhalation.	1649
–	T3	TP33	F-A, S-A	Category A.	White crystals. Toxic if swallowed, by skin contact or by inhalation.	1650
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Toxic if swallowed, by skin contact or by dust inhalation.	1651
–	T3	TP33	F-A, S-A	Category A.	Crystals or powder. Toxic if swallowed, by skin contact or by dust inhalation.	1652
–	T3	TP33	F-A, S-A	Category A. "Separated from" acids.	Green crystals or powder. Insoluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by dust inhalation.	1653
–	–	–	F-A, S-A	Category A.	Thick colourless oil, turning brown on exposure to air. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	1654
–	T6	TP9 TP33	F-A, S-A	Category B.	A wide variety of toxic solids. Toxic if swallowed, by skin contact or by dust inhalation.	1655
–	T3	TP33	F-A, S-A	Category A.	See entry above.	1655
–	T1	TP33	F-A, S-A	Category A.	See entry above.	1655
–	–	–	F-A, S-A	Category A.	Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	1656
–	–	–	F-A, S-A	Category A.	See entry above.	1656
–	T3	TP33	F-A, S-A	Category A.	White crystals. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1657
–	T7	TP2	F-A, S-A	Category A.	Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	1658
–	T7	TP2	F-A, S-A	Category A.	See entry above.	1658
–	T3	TP33	F-A, S-A	Category A.	White crystals. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1659
–	–	–	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	Non-flammable, toxic and corrosive gas. Strong oxidizing agent. On contact with air, gives off brown fumes which are toxic by inhalation, with delayed effect similar to phosgene. Heavier than air (1.04). Highly irritating to skin, eyes and mucous membranes.	1660
–	T3	TP33	F-A, S-A	Category A.	Yellow crystals. Toxic if swallowed, by skin contact or by dust inhalation. <i>ortho</i> -NITROANILINES may be carried in the molten state.	1661
–	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Oily liquid, evolving toxic vapour. Melting point: approximately 6°C. Toxic if swallowed, by skin contact or by inhalation.	1662
–	T1	TP33	F-A, S-A	Category A.	Yellow crystals. Some isomers may have a melting point as low as 44°C. Toxic if swallowed, by skin contact or by dust inhalation. May be carried in the molten state.	1663
–	T7	TP2	F-A, S-A	Category A.	Yellow liquids. Melting points: <i>ortho</i> -NITROTOLUENE: –4°C, <i>meta</i> -NITROTOLUENE: 15°C. Toxic if swallowed, by skin contact or by inhalation.	1664
–	T7	TP2	F-A, S-A	Category A.	Yellow liquids. Melting points: 2-NITRO-3-XYLENE: 14°C to 16°C, 3-NITRO-2-XYLENE: 7°C to 9°C, 4-NITRO-3-XYLENE: 2°C. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	1665
–	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Colourless liquid. Toxic if swallowed, by skin contact or by inhalation.	1669

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1670	PERCHLOROMETHYL MERCAPTAN	6.1	– P	I	–	None	P602	–	–	–
1671	PHENOL, SOLID	6.1	–	II	279	500 g	P002	–	IBC08	B2 B4
1672	PHENYLCARBYLAMINE CHLORIDE	6.1	–	I	–	None	P602	–	–	–
1673	PHENYLENEDIAMINES	6.1	–	III	279	5 kg	P002 LP02	–	IBC08	B3
1674	PHENYLMERCURIC ACETATE	6.1	– PP	II	43	500 g	P002	–	IBC08	B2 B4
1677	POTASSIUM ARSENATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1678	POTASSIUM ARSENITE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1679	POTASSIUM CUPROCYANIDE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1680	POTASSIUM CYANIDE, SOLID	6.1	– P	I	–	None	P002	PP31	IBC07	B1
1683	SILVER ARSENITE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1684	SILVER CYANIDE	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
1685	SODIUM ARSENATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1686	SODIUM ARSENITE, AQUEOUS SOLUTION	6.1	–	II	43	100 ml	P001	–	IBC02	–
1686	SODIUM ARSENITE, AQUEOUS SOLUTION	6.1	–	III	43 223	5 l	P001 LP01	–	IBC03	–
1687	SODIUM AZIDE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1688	SODIUM CACODYLATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1689	SODIUM CYANIDE, SOLID	6.1	– P	I	–	None	P002	PP31	IBC07	B1
1690	SODIUM FLUORIDE, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1691	STRONTIUM ARSENITE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1692	STRYCHNINE or STRYCHNINE SALTS	6.1	– P	I	43	None	P002	–	IBC07	B1

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T10	T14	TP2 TP13	F-A, S-A	Category D. Clear of living quarters.	Yellow, oily, volatile liquid evolving irritating vapour ("Tear Gas"). Slowly decomposes in contact with water, producing hydrochloric acid. Reacts with iron or steel, evolving carbon tetrachloride. Corrosive to most metals. Highly toxic if swallowed, by skin contact or by inhalation.	1670
-	T3	TP33	F-A, S-A	Category A.	Colourless or white crystals or crystallized mass. Melting point: 43°C (pure product). Soluble in water. Toxic if swallowed, by skin contact or by vapour inhalation. Rapidly absorbed through the skin.	1671
T10	T14	TP2 TP13	F-A, S-A	Category D. Clear of living quarters.	Pale yellow, oily liquid with an irritating unpleasant odour. Highly toxic if swallowed, by skin contact or by inhalation.	1672
-	T1	TP33	F-A, S-A	Category A.	White crystals or powder. Toxic if swallowed, by skin contact or by dust inhalation. May be carried in the molten state.	1673
-	T3	TP33	F-A, S-A	Category A.	Toxic if swallowed, by skin contact or by dust inhalation.	1674
-	T3	TP33	F-A, S-A	Category A.	Colourless crystals or white powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1677
-	T3	TP33	F-A, S-A	Category A.	White powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1678
-	T3	TP33	F-A, S-A	Category A. "Separated from" acids.	White crystals or powder. Soluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by dust inhalation.	1679
-	T6	TP33	F-A, S-A	Category B. "Separated from" acids.	White, deliquescent crystals or lumps. Soluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed, by skin contact or by dust inhalation.	1680
-	T3	TP33	F-A, S-A	Category A.	Yellow powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1683
-	T3	TP33	F-A, S-A	Category A. Clear of living quarters. "Separated from" acids.	White powder. Insoluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by dust inhalation.	1684
-	T3	TP33	F-A, S-A	Category A.	Colourless crystals. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1685
-	T7	TP2	F-A, S-A	Category A.	Colourless liquid. Toxic if swallowed, by skin contact or by inhalation.	1686
-	T4	TP2	F-A, S-A	Category A.	See entry above.	1686
-	-	-	F-A, S-A	Category A. "Away from" heavy metals and their salts. "Separated from" class 3 and from acids.	Colourless crystals. May react vigorously with acids to form hydrazoic acid, which is an explosive. May form extremely sensitive compounds with heavy metals or their salts. May explode if involved in a fire. Toxic if swallowed, by skin contact or by dust inhalation.	1687
-	T3	TP33	F-A, S-A	Category A. "Separated from" acids.	White, deliquescent solid with a foul odour. Reacts with acid, evolving dimethylarsine, an extremely toxic gas. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1688
-	T6	TP33	F-A, S-A	Category B. "Separated from" acids.	White, deliquescent crystals or lumps. Soluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed, by skin contact or by dust inhalation.	1689
-	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	White crystals or powder. Reacts with acids, evolving hydrogen fluoride, a toxic, irritating and corrosive gas, apparent as white fumes. Toxic if swallowed, by skin contact or by inhalation.	1690
-	T3	TP33	F-A, S-A	Category A.	White powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1691
-	T6	TP33	F-A, S-A	Category A.	White crystals or powder. Strychnine is slightly soluble; the salts are soluble in water. Highly toxic if swallowed, by skin contact or by dust inhalation.	1692

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.	6.1	– •	I	274	None	P001	PP31	–	–
1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.	6.1	– •	II	274	None	P001	PP31	IBC02	–
1694	BROMOBENZYL CYANIDES, LIQUID	6.1	– •	I	138	None	P001	PP31	–	–
1695	CHLOROACETONE, STABILIZED	6.1	3/8 P	I	–	None	P001	–	–	–
1697	CHLOROACETOPHENONE, SOLID	6.1	–	II	–	None	P002	–	IBC08	B2 B4
1698	DIPHENYLAMINE CHLOROARSINE	6.1	– PP	I	–	None	P002	PP31	–	–
1699	DIPHENYLCHLOROARSINE, LIQUID	6.1	– PP	I	–	None	P001	PP31	–	–
1700	TEAR GAS CANDLES	6.1	4.1	II	–	None	P600	–	–	–
1701	XYLYL BROMIDE, LIQUID	6.1	–	II	–	None	P001	PP31	IBC02	–
1702	1,1,2,2-TETRACHLOROETHANE	6.1	– P	II	–	100 ml	P001	–	IBC02	–
1704	TETRAETHYL DITHIOPYROPHOSPHATE	6.1	– P	II	43	100 ml	P001	–	IBC02	–
1707	THALLIUM COMPOUND, N.O.S.	6.1	– P	II	43	500 g	P002	–	IBC08	B2 B4
1708	TOLUIDINES, LIQUID	6.1	–	II	279	100 ml	P001	–	IBC02	–
1709	2,4-TOLUYLENEDIAMINE, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1710	TRICHLOROETHYLENE	6.1	–	III	–	5 l	P001 LP01	–	IBC03	–
1711	XYLIDINES, LIQUID	6.1	–	II	–	100 ml	P001	–	IBC02	–
1712	ZINC ARSENATE or ZINC ARSENITE or ZINC ARSENATE, ZINC ARSENITE MIXTURE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1713	ZINC CYANIDE	6.1	– P	I	–	None	P002	–	IBC07	B1
1714	ZINC PHOSPHIDE	4.3	6.1	I	–	None	P403	PP31	–	–
1715	ACETIC ANHYDRIDE	8	3	II	–	1 l	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	–	–	F-A, S-A	Category D. Clear of living quarters.	"Tear gas substance" is a generic term for substances which, in minute quantities dispersed in air, cause extreme eye irritation and profuse tears. Toxic if swallowed, by skin contact or by inhalation.	1693
–	–	–	F-A, S-A	Category D. Clear of living quarters.	See entry above.	1693
T10	T14	TP2 TP13	F-A, S-A	Category D. Keep as cool as reasonably practicable. Clear of living quarters. "Separated from" acids.	Volatile liquids evolving irritating vapour ("Tear Gas"). Melting point: <i>ortho</i> -BROMOBENZYL CYANIDE 1°C. Highly toxic if swallowed, by skin contact or by inhalation.	1694
–	T14	TP2 TP13	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	Flammable, corrosive, colourless liquid, evolving irritating vapour ("Tear Gas"). Miscible with water. Flashpoint 25°C c.c. Highly toxic if swallowed, by skin contact or by inhalation.	1695
–	T3	TP33	F-A, S-A	Category D. Keep as cool as reasonably practicable. Clear of living quarters.	White crystals evolving irritating vapour ("Tear Gas"). Melting point may be as low as 20°C. Toxic if swallowed, by skin contact or by inhalation.	1697
–	T6	TP33	F-A, S-A	Category D. Clear of living quarters.	Volatile, yellow crystals evolving irritating vapour ("Tear Gas"). Highly toxic if swallowed, by skin contact or by inhalation.	1698
–	–	–	F-A, S-A	Category D. Clear of living quarters.	When pure, colourless liquid. The commercial product may be a dark brown liquid. Volatile liquid evolving an irritating vapour ("Tear Gas"). Highly toxic if swallowed, by skin contact or by inhalation.	1699
–	–	–	F-A, S-G	Category D. Clear of living quarters.	Devices containing tear-producing substances which, in minute quantities dispersed in air, cause extreme eye irritation and profuse tears.	1700
–	T7	TP2 TP13	F-A, S-A	Category D. Clear of living quarters.	Colourless liquid, evolving irritating vapour ("Tear Gas"). Toxic if swallowed, by skin contact or by inhalation.	1701
–	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Colourless liquid with a chloroform-like odour. Toxic if swallowed, by skin contact or by inhalation.	1702
–	T7	TP2	F-A, S-A	Category D. Clear of living quarters.	Colourless liquid. In the presence of moisture, corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation.	1704
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Toxic if swallowed, by skin contact or by dust inhalation.	1707
–	T7	TP2	F-A, S-A	Category A.	Colourless liquids. Toxic if swallowed, by skin contact or by inhalation.	1708
–	T1	TP33	F-A, S-A	Category A.	White crystals or powder. Toxic if swallowed, by skin contact or by inhalation.	1709
T1	T4	TP1	F-A, S-A	Category A. Clear of living quarters.	Colourless liquid with a chloroform-like odour. When involved in a fire, evolves extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation.	1710
–	T7	TP2	F-A, S-A	Category A.	Toxic if swallowed, by skin contact or by inhalation.	1711
–	T3	TP33	F-A, S-A	Category A.	Crystalline solid. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1712
–	T6	TP33	F-A, S-A	Category A. "Separated from" acids.	White crystals or powder. Insoluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed, by skin contact or by dust inhalation.	1713
–	–	–	F-G, S-N	Category E. If under deck, in a mechanically ventilated space. Clear of living quarters. "Separated from" acids.	Grey crystals or powder. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances.	1714
T4	T7	TP2	F-E, S-C	Category A. Clear of living quarters.	Colourless, flammable liquid with an irritating odour. Flashpoint: 54°C c.c. Immiscible with water. In the presence of moisture, corrosive to most metals. Vapour irritates mucous membranes.	1715

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1716	ACETYL BROMIDE	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1717	ACETYL CHLORIDE	3	8	II	–	1 ℓ	P001	–	IBC02	B20
1718	BUTYL ACID PHOSPHATE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1719	CAUSTIC ALKALI LIQUID, N.O.S.	8	– ●	II	274 944	1 ℓ	P001	–	IBC02	–
1719	CAUSTIC ALKALI LIQUID, N.O.S.	8	– ●	III	223 274 944	5 ℓ	P001	–	IBC03	–
1722	ALLYL CHLOROFORMATE	6.1	3/8	I	–	None	P001	–	–	–
1723	ALLYL IODIDE	3	8	II	–	1 ℓ	P001	–	IBC02	–
1724	ALLYLTRICHLOROSILANE, STABILIZED	8	3	II	–	None	P001	–	IBC02	–
1725	ALUMINIUM BROMIDE, ANHYDROUS	8	–	II	937	1 kg	P002	–	IBC08	B2 B4
1726	ALUMINIUM CHLORIDE, ANHYDROUS	8	–	II	937	1 kg	P002	–	IBC08	B2 B4
1727	AMMONIUM HYDROGENDIFLUORIDE, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1728	AMYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T8	TP2 TP12	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid. Reacts violently with water, evolving hydrogen bromide, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1716
–	T8	TP2 TP12	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid. Flashpoint: 5°C c.c. Boiling point: 51°C. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1717
T3	T4	TP1	F-A, S-B	Category A.	Yellow liquid. Insoluble in water. Mildly corrosive to most metals.	1718
T3	T11	TP2 TP27	F-A, S-B	Category A. "Separated from" acids. "Away from" ammonium salts.	Corrosive to aluminium, zinc and tin. Reacts with ammonium salts, evolving ammonia gas. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1719
T3	T7	TP1 TP28	F-A, S-B	Category A. "Separated from" acids. "Away from" ammonium salts.	See entry above.	1719
–	T14	TP2 TP13	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	Colourless, flammable liquid, extremely irritating odour, causes tears. Flashpoint: 31°C c.c. When involved in a fire, evolves toxic gases. In the presence of moisture, corrosive to most metals. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1722
–	T7	TP2 TP13	F-E, S-C	Category B. Clear of living quarters.	Yellow liquid with an irritating odour. Flashpoint: 5°C c.c. Immiscible with water. In the presence of moisture, corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1723
–	T7	TP2 TP13	F-E, S-C	Category C. Clear of living quarters.	Colourless, flammable liquid with a pungent odour. Flashpoint: 35°C c.c. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas, apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1724
–	T3	TP33	F-A, S-B	Category A. Clear of living quarters.	White to yellowish hygroscopic crystals. Forms corrosive vapours in moist air. Reacts violently with water, evolving heat and hydrogen bromide, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Highly irritating to skin, eyes and mucous membranes. The solid hydrated form of this substance is not subject to the provisions of this Code.	1725
–	T3	TP33	F-A, S-B	Category A. Clear of living quarters.	White to yellowish hygroscopic crystals. Forms corrosive vapours in moist air. Reacts violently with water, evolving heat and hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Highly irritating to skin, eyes and mucous membranes. The solid hydrated form of this substance is not subject to the provisions of this Code.	1726
–	T3	TP33	F-A, S-B	Category A. Shade from radiant heat. Clear of living quarters. "Separated from" acids.	White deliquescent crystals. Decomposed by heat or acid, evolving hydrogen fluoride, a toxic, extremely irritating and corrosive gas, apparent as white fumes. In the presence of moisture, highly corrosive to glass, other siliceous materials and most metals. Causes burns to skin and mucous membranes.	1727
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1728

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1729	ANISOYL CHLORIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1730	ANTIMONY PENTACHLORIDE, LIQUID	8	–	II	–	1 ℓ	P001	–	IBC02	–
1731	ANTIMONY PENTACHLORIDE SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
1731	ANTIMONY PENTACHLORIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1732	ANTIMONY PENTAFLUORIDE	8	6.1	II	–	1 ℓ	P001	–	IBC02	–
1733	ANTIMONY TRICHLORIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1736	BENZOYL CHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1737	BENZYL BROMIDE	6.1	8	II	–	None	P001	–	IBC02	B20
1738	BENZYL CHLORIDE	6.1	8	II	–	None	P001	–	IBC02	B20
1739	BENZYL CHLOROFORMATE	8	– P	I	–	None	P001	–	–	–
1740	HYDROGENDIFLUORIDES, SOLID, N.O.S.	8	– ●	II	944	1 kg	P002	–	IBC08	B2 B4
1740	HYDROGENDIFLUORIDES, SOLID, N.O.S.	8	– ●	III	223 944	5 kg	P002 LP02	–	IBC08	B3
1741	BORON TRICHLORIDE	2.3	8	–	–	None	P200	–	–	–
1742	BORON TRIFLUORIDE ACETIC ACID COMPLEX, LIQUID	8	–	II	–	1 ℓ	P001	–	IBC02	B20

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-B	Category C. Clear of living quarters.	Crystalline powder. Melting point: 22°C. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1729
–	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Yellow, oily liquid with an offensive odour. May solidify by absorption of moisture. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1730
–	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Yellow liquid with an offensive odour. Corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1731
–	T4	TP1	F-A, S-B	Category C. Clear of living quarters.	See entry above.	1731
–	T7	TP2	F-A, S-B	Category D. Clear of living quarters. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	Colourless liquid with a pungent odour. When anhydrous, mildly corrosive to glass, other siliceous materials and most metals. Reacts violently with water, evolving hydrogen fluoride, an irritating gas, highly corrosive to glass and other siliceous materials and most metals. Powerful oxidant, may cause fire in contact with readily flammable organic substances. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin and mucous membranes.	1732
–	T3	TP33	F-A, S-B	Category C. Clear of living quarters.	Reacts slowly with water, evolving hydrogen chloride, an irritating and corrosive gas. In the presence of moisture, corrosive to most metals.	1733
–	T8	TP2 TP12 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid, very irritating odour, causes tears. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1736
–	T8	TP2 TP12 TP13	F-A, S-B	Category D. Keep as dry as reasonably practicable. Clear of living quarters.	Colourless liquid with a pungent odour, causes tears. In the presence of moisture, corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1737
–	T8	TP2 TP12 TP13	F-A, S-B	Category D. Keep as dry as reasonably practicable. Clear of living quarters.	Colourless liquid with a pungent odour. Causes tears. Immiscible with water, but hydrolyses slowly in contact with it. In the presence of moisture, corrosive to most metals. Toxic if swallowed, by skin contact or by vapour inhalation. Causes burns to skin, eyes and mucous membranes.	1738
–	T10	TP2 TP12 TP13	F-A, S-B	Category D. Clear of living quarters.	Colourless liquid with an irritating odour. Reacts with water. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	1739
–	T3	TP33	F-A, S-B	Category A. Shade from radiant heat. Clear of living quarters. "Separated from" acids.	Crystalline solids. Decomposed by heat or acid, evolving hydrogen fluoride, an extremely irritating and corrosive gas. In the presence of moisture, corrosive to glass, other siliceous materials and most metals. Cause burns to skin, eyes and mucous membranes.	1740
–	T1	TP33	F-A, S-B	Category A. Shade from radiant heat. Clear of living quarters. "Separated from" acids.	See entry above.	1740
–	–	–	F-C, S-U	Category D. Clear of living quarters. Shade from radiant heat.	Non-flammable, toxic and corrosive gas. Forms dense white corrosive fumes in moist air. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Much heavier than air (2.35). Highly irritating to skin, eyes and mucous membranes.	1741
–	T8	TP2 TP12	F-A, S-B	Category A.	Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1742

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1743	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, LIQUID	8	–	II	–	500 mL	P001	–	IBC02	B20
1744	BROMINE or BROMINE SOLUTION	8	6.1	I	–	None	P601	PP82	–	–
1745	BROMINE PENTAFLUORIDE	5.1	6.1/8	I	–	None	P200	–	–	–
1746	BROMINE TRIFLUORIDE	5.1	6.1/8	I	–	None	P200	–	–	–
1747	BUTYLTRICHLOROSILANE	8	3	II	–	None	P001	–	IBC02	–
1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	–	II	313 314	1 kg	P002	PP85	–	–
1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	–	III	316	5 kg	P002	PP85	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T8	TP2 TP12	F-A, S-B	Category A.	Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1743
–	T22	TP2 TP10 TP12 TP13	F-A, S-B	Category D. Keep as cool as reasonably practicable. Clear of living quarters. Segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	Very dark brown, heavy liquid with an extremely irritating odour. Density: 3.1 (pure product). Boiling point: 59°C. Powerful oxidant; may cause fire in contact with organic materials such as wood, cotton or straw. Highly corrosive to most metals. Solutions have the same properties to a lesser degree, depending on concentration. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1744
–	T22	TP2 TP12 TP13	F-A, S-B	Category D. Shade from radiant heat. Clear of living quarters. Segregation as for class 5.1 but "Separated from" classes 4.1 and 7.	Colourless, heavy liquid with an extremely irritating odour. Boiling point: 40°C. Powerful oxidant; may cause fire in contact with organic material such as wood, cotton or straw. Reacts violently with water, evolving hydrogen fluoride, a toxic, extremely corrosive gas apparent as white fumes. In contact with acids or acid fumes evolves highly toxic fumes of bromine, fluorine and their compounds. Highly corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1745
–	T22	TP2 TP12 TP13	F-A, S-B	Category D. Shade from radiant heat. Clear of living quarters. Segregation as for class 5.1 but "Separated from" classes 4.1 and 7.	Colourless, heavy liquid with an extremely irritating odour. Powerful oxidant; may cause fire in contact with organic material such as wood, cotton or straw. Reacts violently with water, evolving hydrogen fluoride, a toxic, extremely corrosive gas apparent as white fumes. In contact with acids or acid fumes evolves highly toxic fumes of bromine, fluorine and their compounds. Highly corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1746
–	T7	TP2 TP13	F-E, S-C	Category C. Clear of living quarters.	Colourless, flammable liquid with a pungent odour. Flashpoint: 52°C c.c. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1747
–	–	–	F-H, S-Q	Category D. Cargo transport units shall be shaded from direct sunlight and stowed away from sources of heat. Packages in cargo transport units shall be stowed so as to allow for adequate air circulation throughout the cargo. "Separated from" ammonium compounds, acids, cyanides, hydrogen peroxides and liquid organic substances.	White or yellowish solid (powder, granules or tablets) with chlorine-like odour. Soluble in water. May cause fire in contact with organic material or ammonium compounds. Substances are liable to exothermic decomposition at elevated temperatures. This condition may lead to fire or explosion. Decomposition can be initiated by heat or by impurities (e.g. powdered metals (iron, manganese, cobalt, magnesium) and their compounds). Liable to heat slowly. Reacts with acids, evolving chlorine, an irritating, corrosive and toxic gas. In the presence of moisture, corrosive to most metals. Dust irritates mucous membranes.	1748
–	–	–	F-H, S-Q	Category D. Cargo transport units shall be shaded from direct sunlight and stowed away from sources of heat. Packages in cargo transport units shall be stowed so as to allow for adequate air circulation throughout the cargo. "Separated from" ammonium compounds, acids, cyanides, hydrogen peroxides and liquid organic substances.	See entry above.	1748

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1749	CHLORINE TRIFLUORIDE	2.3	5.1/8	–	–	None	P200	–	–	–
1750	CHLOROACETIC ACID SOLUTION	6.1	8	II	–	100 ml	P001	–	IBC02	–
1751	CHLOROACETIC ACID, SOLID	6.1	8	II	–	500 g	P002	–	IBC08	B4
1752	CHLOROACETYL CHLORIDE	6.1	8	I	–	None	P001	–	–	–
1753	CHLOROPHENYLTRICHLOROSILANE	8	– P	II	–	None	P001	–	IBC02	–
1754	CHLOROSULPHONIC ACID (with or without sulphur trioxide)	8	–	I	–	None	P001	–	–	–
1755	CHROMIC ACID SOLUTION	8	–	II	–	1 l	P001	–	IBC02	B20
1755	CHROMIC ACID SOLUTION	8	–	III	223	5 l	P001 LP01	–	IBC03	–
1756	CHROMIC FLUORIDE, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1757	CHROMIC FLUORIDE SOLUTION	8	–	II	–	1 l	P001	–	IBC02	–
1757	CHROMIC FLUORIDE SOLUTION	8	–	III	223	5 l	P001 LP01	–	IBC03	–
1758	CHROMIUM OXYCHLORIDE	8	–	I	–	None	P001	–	–	–
1759	CORROSIVE SOLID, N.O.S.	8	– •	I	274	None	P002	–	IBC07	B1
1759	CORROSIVE SOLID, N.O.S.	8	– •	II	274 944	1 kg	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	–	–	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	Non-flammable, toxic and corrosive gas. Forms dense, white, corrosive fumes in moist air. Reacts violently with water, evolving hydrogen fluoride, an irritating and corrosive gas apparent as white fumes. Corrosive to glass and to most metals. Powerful oxidizing agent which may cause fires with combustible materials. Much heavier than air. Highly irritating to skin, eyes and mucous membranes.	1749
T4	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid. Corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1750
–	T3	TP33	F-A, S-B	Category C. Clear of living quarters.	Colourless, very deliquescent crystals. Melting point may be as low as 50°C. In the presence of moisture, corrosive to most metals. Toxic if swallowed, by skin contact or by dust inhalation. Causes burns to skin, eyes and mucous membranes.	1751
T10	T14	TP2 TP13	F-A, S-B	Category D. Clear of living quarters.	Colourless liquid, with extremely irritating odour, causing tears. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes, and mucous membranes.	1752
–	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Irritating to skin, eyes and mucous membranes.	1753
T5	T20	TP2 TP12	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	1754
T5	T8	TP2 TP12	F-A, S-B	Category C. Clear of living quarters. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	Orange liquid. Powerful oxidant. May cause fire in contact with organic materials such as wood, cotton or straw. Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1755
–	T4	TP1 TP12	F-A, S-B	Category C. Clear of living quarters. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	See entry above.	1755
–	T3	TP33	F-A, S-B	Category A. "Separated from" acids.	Green or violet crystals. Slightly soluble in water. Reacts with strong acid, evolving hydrogen fluoride, an extremely irritating and corrosive gas. Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1756
T4	T7	TP2	F-A, S-B	Category A.	Green liquid. Reacts with strong acid, evolving hydrogen fluoride, an extremely irritating and corrosive gas. Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1757
–	T4	TP1	F-A, S-B	Category A.	See entry above.	1757
TP28	T10	TP2 TP12	F-A, S-B	Category C. Clear of living quarters. Segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	Dark red liquid. Reacts violently with water, evolving hydrogen chloride and chlorine, both highly irritating and corrosive gases apparent as white fumes. Oxidant; may cause fire in contact with organic materials such as wood, cotton or straw. Highly corrosive to most metals. In the presence of moisture, highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	1758
–	T6	TP9 TP33	F-A, S-B	Category B.	Causes burns to skin, eyes and mucous membranes.	1759
–	T3	TP33	F-A, S-B	Category A.	See entry above.	1759

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1759	CORROSIVE SOLID, N.O.S.	8	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
1760	CORROSIVE LIQUID, N.O.S.	8	– ●	I	274	None	P001	–	–	–
1760	CORROSIVE LIQUID, N.O.S.	8	– ●	II	274 944	1 ℓ	P001	–	IBC02	–
1760	CORROSIVE LIQUID, N.O.S.	8	– ●	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
1761	CUPRIETHYLENEDIAMINE SOLUTION	8	6.1 P	II	–	1 ℓ	P001	–	IBC02	–
1761	CUPRIETHYLENEDIAMINE SOLUTION	8	6.1 P	III	223	5 ℓ	P001	–	IBC03	–
1762	CYCLOHEXENYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
1763	CYCLOHEXYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
1764	DICHLOROACETIC ACID	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1765	DICHLOROACETYL CHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
1766	DICHLOROPHENYLTRICHLOROSILANE	8	– P	II	–	None	P001	–	IBC02	–
1767	DIETHYLDICHLOROSILANE	8	3	II	–	None	P001	–	IBC02	–
1768	DIFLUOROPHOSPHORIC ACID, ANHYDROUS	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1769	DIPHENYLDICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
1770	DIPHENYLMETHYL BROMIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T1	TP33	F-A, S-B	Category A.	See entry above.	1759
–	T14	TP2 TP9 TP27	F-A, S-B	Category B. Clear of living quarters.	Causes burns to skin, eyes and mucous membranes.	1760
–	T11	TP2 TP27	F-A, S-B	Category B. Clear of living quarters.	See entry above.	1760
T4	T7	TP1 TP28	F-A, S-B	Category A. Clear of living quarters.	See entry above.	1760
T3	T7	TP2	F-A, S-B	Category A.	Dark purple liquid with an ammonia-like odour. Corrosive to copper, aluminium, zinc and tin. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1761
T3	T7	TP1 TP28	F-A, S-B	Category A.	See entry above.	1761
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1762
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1763
TP28	T8	TP2 TP12	F-A, S-B	Category A.	Colourless liquid. Melting point: –4°C. Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1764
–	T7	TP2	F-A, S-B	Category D. Clear of living quarters.	Colourless liquid with an extremely irritating odour, causing tears. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1765
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Irritating to skin, eyes and mucous membranes.	1766
–	T7	TP2 TP13	F-E, S-C	Category C. Clear of living quarters.	Colourless, flammable liquid with a pungent odour. Flashpoint: 25°C c.c. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1767
TP28	T8	TP2 TP12	F-A, S-B	Category A. Clear of living quarters.	Colourless liquid. In the presence of moisture, highly corrosive to glass, other siliceous materials. Harmful if swallowed.	1768
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1769
–	T3	TP33	F-A, S-B	Category D. Clear of living quarters.	Solid with an irritating odour. Causes tears. Melting point: 45°C. In the presence of moisture, corrosive to most metals. Vapour irritates mucous membranes.	1770

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1771	DODECYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
1773	FERRIC CHLORIDE, ANHYDROUS	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1774	FIRE EXTINGUISHER CHARGES corrosive liquid	8	–	II	–	1 ℓ	P001	PP4	–	–
1775	FLUOROBORIC ACID	8	–	II	–	1 ℓ	P001	–	IBC02	–
1776	FLUOROPHOSPHORIC ACID, ANHYDROUS	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1777	FLUOROSULPHONIC ACID	8	–	I	–	None	P001	–	–	–
1778	FLUOROSILICIC ACID	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1779	FORMIC ACID with more than 85% acid by mass	8	3	II	–	1 ℓ	P001	–	IBC02	–
1780	FUMARYL CHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
1781	HEXADECYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
1782	HEXAFLUOROPHOSPHORIC ACID	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1783	HEXAMETHYLENEDIAMINE SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
1783	HEXAMETHYLENEDIAMINE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1784	HEXYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
1786	HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURE	8	6.1	I	–	None	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1771
–	T1	TP33	F-A, S-B	Category A.	Brown solid. In the presence of moisture, highly corrosive to most metals. The provisions of this Code should not apply to the solid hydrated form.	1773
–	–	–	F-A, S-B	Category A.	Usually, diluted sulphuric acid in small glass receptacles.	1774
–	T7	TP2	F-A, S-B	Category A.	Colourless, clear liquid. Corrosive to most metals. May cause severe burns to skin, eyes and mucous membranes if containing free hydrofluoric acid.	1775
TP28	T8	TP2 TP12	F-A, S-B	Category A.	Colourless liquid. In the presence of moisture, highly corrosive to glass, other siliceous materials and most metals. Causes burns to skin, eyes and mucous membranes.	1776
TP28	T10	TP2 TP12	F-A, S-B	Category D. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen fluoride, an extremely irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to glass, other siliceous materials and most metals. Causes severe burns to skin, eyes and mucous membranes.	1777
TP28	T8	TP2 TP12	F-A, S-B	Category A.	Colourless liquid. Highly corrosive to most metals. May cause severe burns to skin, eyes and mucous membranes if containing free hydrofluoric acid.	1778
T4	T7	TP2	F-E, S-C	Category A. Clear of living quarters.	Colourless flammable liquid with a pungent odour. Corrosive to most metals. Causes burns to skin, eyes and mucous membranes. Pure FORMIC ACID: flashpoint 42°C c.c.	1779
–	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Yellow liquid. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1780
T4	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1781
TP28	T8	TP2 TP12	F-A, S-B	Category A.	Colourless liquid. In the presence of moisture, highly corrosive to glass, other siliceous materials and most metals. Causes burns to skin, eyes and mucous membranes. Harmful if swallowed.	1782
T4	T7	TP2	F-A, S-B	Category A.	Colourless liquid. Causes burns to skin, eyes and mucous membranes.	1783
–	T4	TP1	F-A, S-B	Category A.	See entry above.	1783
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1784
–	T10	TP2 TP12 TP13	F-A, S-B	Category D. Clear of living quarters.	Colourless syrupy liquid with a pungent odour. Mixture consists of between 70% and 80% by mass of acids and contains not less than 25% by mass of hydrofluoric acid. Reacts violently with water, developing heat. Highly corrosive to glass, other siliceous materials and most metals. Toxic if swallowed, by skin contact or by inhalation. Causes severe burns to skin and mucous membranes.	1786

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1787	HYDRIODIC ACID	8	–	II	–	1 ℓ	P001	–	IBC02	–
1787	HYDRIODIC ACID	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1788	HYDROBROMIC ACID	8	–	II	–	1 ℓ	P001	–	IBC02	–
1788	HYDROBROMIC ACID	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1789	HYDROCHLORIC ACID	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1789	HYDROCHLORIC ACID	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1790	HYDROFLUORIC ACID solution, with more than 60% hydrofluoric acid	8	6.1	I	–	None	P802	PP79 PP81	–	–
1790	HYDROFLUORIC ACID solution, with not more than 60% hydrofluoric acid	8	6.1	II	–	1 ℓ	P001	PP81	IBC02	B20
1791	HYPOCHLORITE SOLUTION	8	–	II	–	1 ℓ	P001	PP10	IBC02	B5
1791	HYPOCHLORITE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1792	IODINE MONOCHLORIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1793	ISOPROPYL ACID PHOSPHATE	8	–	III	–	5 ℓ	P001 LP01	–	IBC02	–
1794	LEAD SULPHATE with more than 3% free acid	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1796	NITRATING ACID MIXTURE with more than 50% nitric acid	8	5.1	I	–	None	P001	–	–	–
1796	NITRATING ACID MIXTURE with not more than 50% nitric acid	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1798	NITROHYDROCHLORIC ACID	8	–	I	–	None	P802	–	–	–
1799	NONYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T7	TP2	F-A, S-B	Category C.	Colourless liquid. An aqueous solution of the gas hydrogen iodide. Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1787
–	T4	TP1	F-A, S-B	Category C.	See entry above.	1787
–	T7	TP2	F-A, S-B	Category C.	Colourless liquid. An aqueous solution of the gas hydrogen bromide. Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1788
–	T4	TP1	F-A, S-B	Category C.	See entry above.	1788
TP28	T8	TP2 TP12	F-A, S-B	Category C.	Colourless liquid. An aqueous solution of the gas hydrogen chloride. Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1789
–	T4	TP1 TP12	F-A, S-B	Category C.	See entry above.	1789
–	T10	TP2 TP12 TP13	F-A, S-B	Category D. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless liquid with an irritating odour. Highly corrosive to glass, other siliceous materials and most metals. Toxic if swallowed, by skin contact or by inhalation. Both the liquid and its fumes cause severe burns to skin, eyes and mucous membranes.	1790
–	T8	TP2 TP12	F-A, S-B	Category D. Keep as cool as reasonably practicable. Clear of living quarters.	See entry above.	1790
T3	T7	TP2 TP24	F-A, S-B	Category B. "Away from" acids.	Liquid with chlorine odour. In contact with acid, evolves very irritating and corrosive gases. Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1791
T3	T4	TP2 TP24	F-A, S-B	Category B. "Away from" acids.	See entry above.	1791
–	T7	TP2	F-A, S-B	Category D. Clear of living quarters. Segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	Red, brown or black crystals. Reacts violently with water, evolving irritating and corrosive gases apparent as white fumes. Powerful oxidant; may cause fire in contact with organic materials such as wood, cotton or straw. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1792
–	T4	TP1	F-A, S-B	Category A.	Oily liquid. Mildly corrosive to most metals.	1793
–	T3	TP33	F-A, S-B	Category A.	May be dry solid or slurry. Corrosive to most metals. Harmful if swallowed.	1794
–	T10	TP2 TP12 TP13	F-A, S-Q	Category D. Clear of living quarters. "Separated from" class 4.1.	Mixture of concentrated nitric and sulphuric acids. Oxidant, may cause fire in contact with organic materials such as wood, cotton or straw, developing highly toxic gas (brown fumes). Highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	1796
–	T8	TP2 TP12 TP13	F-A, S-B	Category D. Clear of living quarters.	See entry above.	1796
–	T10	TP2 TP12 TP13	F-A, S-B	Category D. Clear of living quarters. Segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	Yellow liquid; a mixture of nitric acid and hydrochloric acid, usually in the proportion of 1:3. Powerful oxidant; may cause fire in contact with organic materials such as wood, cotton or straw, evolving suffocating and highly toxic gases. Highly corrosive to all metals. Causes severe burns to skin, eyes and mucous membranes.	1798
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1799

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1800	OCTADECYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
1801	OCTYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
1802	PERCHLORIC ACID with not more than 50% acid, by mass	8	5.1	II	–	1 ℓ	P001	–	IBC02	–
1803	PHENOLSULPHONIC ACID, LIQUID	8	–	II	–	1 ℓ	P001	–	IBC02	–
1804	PHENYLTRICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
1805	PHOSPHORIC ACID SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1806	PHOSPHORUS PENTACHLORIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1807	PHOSPHORUS PENTOXIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1808	PHOSPHORUS TRIBROMIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
1809	PHOSPHORUS TRICHLORIDE	6.1	8	I	–	None	P001	–	–	–
1810	PHOSPHORUS OXYCHLORIDE	8	–	II	–	None	P001	–	–	–
1811	POTASSIUM HYDROGEN DIFLUORIDE, SOLID	8	6.1	II	–	1 kg	P002	–	IBC08	B2 B4
1812	POTASSIUM FLUORIDE, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1813	POTASSIUM HYDROXIDE, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T4	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1800
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1801
TP28	T7	TP2	F-H, S-Q	Category C. "Separated from" class 4.1.	Colourless liquid. Oxidant. Highly corrosive to most metals.	1802
T4	T7	TP2	F-A, S-B	Category C. For metal drums, category B.	Yellow, oily liquid. Corrosive to most metals.	1803
–	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1804
T3	T4	TP1	F-A, S-B	Category A.	Miscible in water. Mildly corrosive to most metals.	1805
–	T3	TP33	F-A, S-B	Category C. Clear of living quarters. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	Colourless, crystalline powder. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Powerful oxidant; may cause fire in contact with organic materials such as wood, cotton or straw. In the presence of moisture, highly corrosive to most metals.	1806
–	T3	TP33	F-A, S-B	Category A.	Crystalline powder, very deliquescent. Reacts violently with water and organic materials such as wood, cotton or straw, generating heat. In the presence of moisture, mildly corrosive to most metals.	1807
–	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid, with a pungent odour. Reacts violently with water, evolving hydrogen bromide, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1808
T10	T14	TP2 TP13	F-A, S-B	Category D. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1809
–	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid, with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1810
–	T3	TP33	F-A, S-B	Category A. Shade from radiant heat. Clear of living quarters. "Separated from" acids.	White crystalline solid. Decomposed by heat or acids, evolving hydrogen fluoride, a toxic, extremely irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to glass, other siliceous materials and most metals. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1811
–	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	White, deliquescent crystals or powder. Decomposed by acids, evolving hydrogen fluoride, irritating and corrosive gas. Toxic if swallowed, by skin contact or by inhalation.	1812
–	T3	TP33	F-A, S-B	Category A. "Separated from" acids.	White pellets, flakes, lumps or solid blocks, deliquescent. Reacts with ammonium salts, evolving ammonia gas. In the presence of moisture, corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1813

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1814	POTASSIUM HYDROXIDE SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
1814	POTASSIUM HYDROXIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1815	PROPIONYL CHLORIDE	3	8	II	–	1 ℓ	P001	–	IBC02	–
1816	PROPYLTRICHLOROSILANE	8	3	II	–	None	P001	–	IBC02	–
1817	PYROSULPHURYL CHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
1818	SILICON TETRACHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
1819	SODIUM ALUMINATE SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
1819	SODIUM ALUMINATE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1823	SODIUM HYDROXIDE, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1824	SODIUM HYDROXIDE SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
1824	SODIUM HYDROXIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1825	SODIUM MONOXIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1826	NITRATING ACID MIXTURE, SPENT with more than 50% nitric acid	8	5.1	I	113	None	P001	–	–	–
1826	NITRATING ACID MIXTURE, SPENT with not more than 50% nitric acid	8	–	II	113	1 ℓ	P001	–	IBC02	B20
1827	STANNIC CHLORIDE, ANHYDROUS	8	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T3	T7	TP2	F-A, S-B	Category A. "Separated from" acids.	Colourless liquid. Reacts with ammonium salts, evolving ammonia gas. Corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1814
T3	T4	TP1	F-A, S-B	Category A. "Separated from" acids.	See entry above.	1814
-	T7	TP1	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid. Flashpoint: 12°C c.c. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas, apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1815
-	T7	TP2 TP13	F-E, S-C	Category C. Clear of living quarters.	Colourless, flammable liquid, with a pungent odour. Flashpoint: 38°C c.c. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1816
TP28	T8	TP2 TP12	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid, with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1817
-	T7	TP2 TP7	F-A, S-B	Category C. Clear of living quarters. See 7.2.1.13.1.2.	Colourless, extremely mobile liquid with a suffocating odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1818
T3	T7	TP2	F-A, S-B	Category A. "Separated from" acids.	Colourless liquid. Reacts with ammonium salts, evolving ammonia gas. Corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1819
T3	T4	TP1	F-A, S-B	Category A. "Separated from" acids.	See entry above.	1819
-	T3	TP33	F-A, S-B	Category A. "Separated from" acids.	White pellets, flakes, lumps or solid blocks, deliquescent. Reacts with ammonium salts, evolving ammonia gas. In the presence of moisture, corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1823
T3	T7	TP2	F-A, S-B	Category A. "Separated from" acids.	Colourless liquid. Corrosive to aluminium, zinc and tin. Reacts with ammonium salts, evolving ammonia gas. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1824
T3	T4	TP1	F-A, S-B	Category A. "Separated from" acids.	See entry above.	1824
-	T3	TP33	F-A, S-B	Category A. "Separated from" acids.	Deliquescent crystalline solid. Reacts violently with water and acids, generating heat. Reacts with ammonium salts, evolving ammonia gas. In the presence of moisture, corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes.	1825
TP28	T10	TP2 TP12 TP13	F-A, S-Q	Category D. Clear of living quarters. "Separated from" class 4.1.	Usually a mixture of acids which has been used for nitration processes. Highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes. Prohibited for shipment unless the mixture is (1) chemically stable; and (2) certified as containing no explosive impurities.	1826
TP28	T8	TP2 TP12	F-A, S-Q	Category D. Clear of living quarters.	See entry above.	1826
-	T7	TP2	F-A, S-B	Category C.	Colourless liquid. In the presence of water, corrosive to most metals. Vapour irritates mucous membranes.	1827

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1828	SULPHUR CHLORIDES	8	–	I	–	None	P602	–	–	–
1829	SULPHUR TRIOXIDE, STABILIZED	8	–	I	–	None	P001	–	–	–
1830	SULPHURIC ACID with more than 51% acid	8	–	II	–	1 ℓ	P001	–	IBC02	B20
1831	SULPHURIC ACID, FUMING	8	6.1	I	–	None	P602	–	–	–
1832	SULPHURIC ACID, SPENT	8	–	II	113	1 ℓ	P001	–	IBC02	B20
1833	SULPHUROUS ACID	8	–	II	–	1 ℓ	P001	–	IBC02	–
1834	SULPHURYL CHLORIDE	8	–	I	–	None	P602	–	–	–
1835	TETRAMETHYLAMMONIUM HYDROXIDE SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
1835	TETRAMETHYLAMMONIUM HYDROXIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1836	THIONYL CHLORIDE	8	–	I	–	None	P802	–	–	–
1837	THIOPHOSPHORYL CHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
1838	TITANIUM TETRACHLORIDE	8	–	II	–	None	P001	–	IBC02	–
1839	TRICHLOROACETIC ACID, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1840	ZINC CHLORIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1841	ACETALDEHYDE AMMONIA	9	–	III	–	5 kg	P002 LP02	–	IBC08	B3 B6
1843	AMMONIUM DINITRO- <i>o</i> -CRESOLATE, SOLID	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T10	T20	TP2 TP12	F-A, S-B	Category C. Clear of living quarters.	Red liquids, with a suffocating odour. React violently with water, evolving hydrogen chloride and sulphur dioxide, irritating and corrosive gases. In the presence of moisture, highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	1828
T10	T20	TP4 TP12 TP13 TP25 TP26	F-A, S-B	Category C. Clear of living quarters.	Very deliquescent solid. Melting point may be as low as 17°C. Reacts violently with water, generating heat. May cause fire in contact with organic materials such as wood, cotton or straw. In the presence of moisture, highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	1829
TP28	T8	TP2 TP12	F-A, S-B	Category C. For steel drums, category B.	Colourless, oily liquid, mixture over 1.41 up to 1.84 relative density. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1830
T10	T20	TP2 TP12 TP13	F-A, S-B	Category C. For steel drums, category B. Clear of living quarters.	Colourless, oily liquid, may be partly crystallized. Solution of varying quantities of sulphur trioxide in sulphuric acid. Reacts violently with water and organic material, generating heat. In the presence of moisture, highly corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation. Causes severe burns to skin, eyes and mucous membranes.	1831
TP28	T8	TP2 TP12	F-A, S-B	Category C. For metal drums, category B.	Sulphuric acid, usually of high concentration, which has been used for chemical processes. Highly corrosive to most metals.	1832
T4	T7	TP2	F-A, S-B	Category B. Clear of living quarters.	Solution of sulphur dioxide in water, with a suffocating odour. Corrosive to most metals. Vapour irritates mucous membranes.	1833
T10	T20	TP2 TP12	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Boiling point: 69°C. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	1834
T4	T7	TP2	F-A, S-B	Category A. "Separated from" acids.	Miscible with water. Reacts violently with acids.	1835
T4	T7	TP2	F-A, S-B	Category A. "Separated from" acids.	See entry above.	1835
-	T10	TP2 TP12 TP13	F-A, S-B	Category C. Clear of living quarters.	Yellow or red liquid. Boiling point: 79°C. Reacts violently with water, evolving hydrogen chloride and sulphur dioxide, irritating and corrosive gases. In the presence of moisture, highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	1836
-	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid, with a pungent odour. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1837
TP28	T10	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1838
-	T3	TP33	F-A, S-B	Category A.	Colourless, deliquescent crystals. Melting point of the pure substance: 58°C. In the presence of moisture, corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1839
T3	T4	TP1	F-A, S-B	Category A.	Colourless liquid. Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1840
-	T1	TP33	F-A, S-B	Category A. "Away from" foodstuff.	White crystalline solid. Soluble in water. When heated, decomposes into ammonia and acetaldehyde.	1841
-	T3	TP33	F-A, S-A	Category B. "Away from" heavy metals and their salts. "Separated from" classes 3 and 4.1. "Separated longitudinally by an intervening complete compartment or hold from" class 1.	May support combustion and burn without oxygen. When involved in a fire, evolves toxic fumes. Forms extremely sensitive explosive compounds with lead, silver or other heavy metals and their compounds. Toxic if swallowed, by skin contact or by inhalation.	1843

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1845	CARBON DIOXIDE, SOLID (DRY ICE)	9	–	III	297	None	P003	PP18	–	–
1846	CARBON TETRACHLORIDE	6.1	– P	II	–	100 ml	P001	–	IBC02	–
1847	POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1848	PROPIONIC ACID with not less than 10% and less than 90% acid by mass	8	–	III	–	5 l	P001 LP01	–	IBC03	–
1849	SODIUM SULPHIDE, HYDRATED with not less than 30% water	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1851	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1	– •	II	221	100 ml	P001	PP6	–	–
1851	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1	– •	III	221 223 944	5 l	P001 LP01	PP6	–	–
1854	BARIUM ALLOYS, PYROPHORIC	4.2	–	I	–	None	P404	PP31	–	–
1855	CALCIUM, PYROPHORIC or CALCIUM ALLOYS, PYROPHORIC	4.2	–	I	–	None	P404	PP31	–	–
1856	RAGS, OILY	4.2	–	–	29 117	None	P003	PP19	IBC08	B3 B6
1857	TEXTILE WASTE, WET	4.2	–	III	117	None	P410	–	–	–
1858	HEXAFLUOROPROPYLENE (REFRIGERANT GAS R 1216)	2.2	–	–	–	120 ml	P200	–	–	–
1859	SILICON TETRAFLUORIDE	2.3	8	–	–	None	P200	–	–	–
1860	VINYL FLUORIDE, STABILIZED	2.1	–	–	–	None	P200	–	–	–
1862	ETHYL CROTONATE	3	–	II	–	1 l	P001	–	IBC02	–
1863	FUEL, AVIATION, TURBINE ENGINE	3	–	I	–	500 ml	P001	–	–	–
1863	FUEL, AVIATION, TURBINE ENGINE	3	–	II	–	1 l	P001	–	IBC02	–
1863	FUEL, AVIATION, TURBINE ENGINE	3	–	III	223	5 l	P001 LP01	–	IBC03	–
1865	PROPYL NITRATE	3	–	II	26	1 l	P099	–	–	–
1866	RESIN SOLUTION flammable	3	– •	I	–	500 ml	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
-	-	-	F-C, S-V	Category C. Clear of living quarters.	Non-flammable gas in a white solid form. Slowly evolves vapours which are heavier than air (1.5). Inhalation of vapours may lead to unconsciousness. Can cause severe burns when in contact with the skin.	1845
T4	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Colourless, volatile liquid with a heavy anaesthetic vapour. Non-flammable; when involved in a fire, evolves extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation.	1846
-	T3	TP33	F-A, S-B	Category A. "Separated from" acids.	Crystalline solid. Melting point: 60°C. Reacts violently with acids, evolving hydrogen sulphide, a toxic and flammable gas. Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1847
T3	T4	TP1	F-A, S-B	Category A.	Colourless liquid with a pungent odour. Miscible with water. Corrosive to lead and most other metals. Burns skin. Vapours irritate mucous membranes.	1848
-	T3	TP33	F-A, S-B	Category A. "Separated from" acids.	Yellow-pink or white deliquescent crystals, flakes or lumps. Melting point: 50°C. Soluble in water. Reacts violently with acids, evolving hydrogen sulphide, a toxic and flammable gas. Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1849
-	-	-	F-A, S-A	Category C. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	1851
-	-	-	F-A, S-A	Category C. Clear of living quarters.	See entry above.	1851
-	T21	TP7 TP33	F-G, S-M	Category D.	Liable to ignite spontaneously in air. If shaken, may produce sparks. In contact with water, evolve hydrogen, a flammable gas.	1854
-	-	-	F-G, S-M	Category D.	Liable to ignite spontaneously in air. If shaken, may produce sparks. In contact with water, evolve hydrogen, a flammable gas.	1855
-	-	-	F-A, S-J	Category A.	Liable to ignite spontaneously in air according to oil content.	1856
-	-	-	F-A, S-J	Category A	Liable to ignite spontaneously in air according to moisture content.	1857
-	T50	-	F-C, S-V	Category A.	Non-flammable gas. Much heavier than air (5.2).	1858
-	-	-	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive gas with a pungent odour. Corrosive to metals. In moist air produces hydrogen fluoride. Much heavier than air (3.6). Highly irritating to skin, eyes and mucous membranes.	1859
-	-	-	F-D, S-U	Category E. Clear of living quarters.	Flammable gas. Explosive limits: 2.9% to 29%. Heavier than air (1.6).	1860
T1	T4	TP2	F-E, S-D	Category B.	Colourless liquid with a pungent odour. Flashpoint: 2°C c.c. Immiscible with water.	1862
-	T11	TP1 TP8 TP28	F-E, S-E	Category E.	Boiling range -14°C upwards. Immiscible with water.	1863
-	T4	TP1 TP8	F-E, S-E	Category B.	Immiscible with water.	1863
T1	T2	TP1	F-E, S-E	Category A.	See entry above.	1863
-	-	-	F-E, S-D	Category D. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	White to straw-coloured liquid with an ether-like odour. Flashpoint: 20°C c.c. Explosive limits: 2% to 100%. Immiscible with water. Oxidizing material. May explode on heating. Harmful if swallowed or by inhalation.	1865
-	T11	TP1 TP8 TP28	F-E, S-E	Category E.	Miscibility with water depends upon the composition.	1866

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1866	RESIN SOLUTION flammable	3	– •	II	944	5 ℓ	P001	PP1	IBC02	–
1866	RESIN SOLUTION flammable	3	– •	III	223 944 955	5 ℓ	P001 LP01	PP1	IBC03	–
1868	DECABORANE	4.1	6.1	II	–	1 kg	P002	PP31	IBC06	B2
1869	MAGNESIUM or MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons	4.1	–	III	59 920	5 kg	P002 LP02	–	IBC08	B3
1870	POTASSIUM BOROHYDRIDE	4.3	–	I	–	None	P403	PP31	–	–
1871	TITANIUM HYDRIDE	4.1	–	II	–	1 kg	P410	PP31 PP40	IBC04	–
1872	LEAD DIOXIDE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1873	PERCHLORIC ACID with more than 50% but not more than 72% acid, by mass	5.1	8	I	900	None	P502	PP28	–	–
1884	BARIUM OXIDE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1885	BENZIDINE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
1886	BENZYLIDENE CHLORIDE	6.1	–	II	–	100 ml	P001	–	IBC02	–
1887	BROMOCHLOROMETHANE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1888	CHLOROFORM	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1889	CYANOGEN BROMIDE	6.1	8 P	I	–	None	P002	PP31	–	–
1891	ETHYL BROMIDE	6.1	–	II	–	100 ml	P001	–	IBC02	B8
1892	ETHYLDICHLOROARSINE	6.1	– P	I	–	None	P602	–	–	–
1894	PHENYLMERCURIC HYDROXIDE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
1895	PHENYLMERCURIC NITRATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T4	TP1 TP8	F-E, <u>S-E</u>	Category B.	See entry above.	1866
T1	T2	TP1	F-E, <u>S-E</u>	Category A.	See entry above.	1866
–	T3	TP33	F-A, S-G	Category A. "Separated from" class 5.1.	Colourless crystals. Slightly soluble in water. Vapours may form explosive mixture in air. Forms explosive and extremely sensitive mixtures with oxidizing substances. Toxic if swallowed, by skin contact or by dust inhalation.	1868
–	T1	TP33	F-G, S-G	Category A. "Away from" liquid halogenated hydrocarbons. "Separated from" class 5.1, acids, alkalis and iron oxide.	Silvery white metal. Burns with an intense white light and heat. In contact with water, especially seawater, may evolve hydrogen, a flammable gas. Reacts readily with acid and caustic alkali, evolving hydrogen. Reacts readily with iron oxide, producing a thermite effect. Forms explosive mixtures with oxidizing substances.	1869
–	–	–	F-G, S-O	Category E. "Separated from" acids.	White, crystalline powder. In contact with water, acids or moisture evolves hydrogen, which may be ignited by the heat of the reaction.	1870
–	T3	TP33	F-A, S-G	Category E.	Dark grey powder or crystals.	1871
–	T1	TP33	F-A, S-Q	Category A.	Brown powder or crystals. Insoluble in water. Harmful if swallowed.	1872
–	T10	TP1 TP12	F-A, S-Q	Category D. "Separated from" class 4.1.	Colourless liquid. Mixtures with combustible material may ignite spontaneously and, when involved in a fire, by shock or by friction, may cause an explosion. Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1873
–	T1	TP33	F-A, S-A	Category A.	White solid. Evolves heat in contact with water. Toxic if swallowed, by skin contact or by dust inhalation.	1884
–	T3	TP33	F-A, S-A	Category A.	White, crystalline solid. Toxic if swallowed, by skin contact or by inhalation.	1885
T4	T7	TP2	F-A, S-A	Category D. Clear of living quarters.	Colourless liquid evolving vapour which is irritating to eyes and skin ("Tear Gas"). Toxic if swallowed, by skin contact or by inhalation.	1886
T3	T4	TP1	F-A, S-A	Category A.	Clear, colourless, volatile liquid with a chloroform-like odour. Immiscible with water. When involved in a fire, evolves extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation.	1887
–	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Colourless, volatile liquid. Boiling point: 61°C. Non-flammable. When involved in a fire, evolves extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation. Anaesthetic.	1888
–	T6	TP33	F-A, S-B	Category D. Clear of living quarters. "Separated from" acids.	Colourless crystals evolving toxic vapour which is irritating and causes tears. Melting point: approximately 52°C. Boiling point: approximately 62°C. In contact with water evolves hydrogen bromide and hydrogen cyanide, which are highly toxic, flammable and corrosive gases. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	1889
–	T7	TP2 TP13	F-A, S-A	Category B in a mechanically ventilated space. Clear of living quarters.	Colourless volatile liquid evolving irritating vapour with a narcotic effect. Boiling point: 38°C. Vapour can be ignited by an electric spark or similar sources of ignition. Toxic if swallowed, by skin contact or by inhalation.	1891
–	T14	TP2 TP13	F-A, S-A	Category D. Clear of living quarters.	Colourless liquid evolving irritating vapour ("Tear Gas"). Highly toxic if swallowed, by skin contact or by inhalation.	1892
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	1894
–	T3	TP33	F-A, S-A	Category A.	White crystals or powder. Toxic if swallowed, by skin contact or by inhalation.	1895

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1897	TETRACHLOROETHYLENE	6.1	– P	III	–	5 ℓ	P001 LP01	–	IBC03	–
1898	ACETYL IODIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
1902	DIISOCTYL ACID PHOSPHATE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	– •	I	274	None	P001	–	–	–
1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	– •	II	274 944	1 ℓ	P001	–	IBC02	–
1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	– •	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
1905	SELENIC ACID	8	–	I	–	None	P002	–	IBC07	B1
1906	SLUDGE ACID	8	–	II	–	1 ℓ	P001	–	IBC02	–
1907	SODA LIME with more than 4% sodium hydroxide	8	–	III	62	5 kg	P002 LP02	–	IBC08	B3
1908	CHLORITE SOLUTION	8	– •	II	944	1 ℓ	P001	–	IBC02	–
1908	CHLORITE SOLUTION	8	– •	III	223 944	5 ℓ	P001 LP01	–	IBC03	–
1911	DIBORANE	2.3	2.1	–	–	None	P200	–	–	–
1912	METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE	2.1	–	–	228	None	P200	–	–	–
1913	NEON, REFRIGERATED LIQUID	2.2	–	–	–	120 ml	P203	–	–	–
1914	BUTYL PROPIONATES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1915	CYCLOHEXANONE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1916	2,2'-DICHLORODIETHYL ETHER	6.1	3	II	–	100 ml	P001	–	IBC02	–
1917	ETHYL ACRYLATE, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
1918	ISOPROPYLBENZENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
T1	T4	TP1	F-A, S-A	Category A. Clear of living quarters.	Colourless liquid with an ethereal odour. When involved in a fire, evolves extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation.	1897
-	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid. Reacts violently with water, evolving hydrogen iodide, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Vapour irritates mucous membranes.	1898
T3	T4	TP1	F-A, S-B	Category A.	Oily liquid. Mildly corrosive to most metals.	1902
-	-	-	F-A, S-B	Category B.	A wide variety of corrosive liquids. Causes burns to skin, eyes and mucous membranes.	1903
-	-	-	F-A, S-B	Category B.	See entry above.	1903
-	-	-	F-A, S-B	Category A.	See entry above.	1903
-	T6	TP33	F-A, S-B	Category A.	White, very deliquescent crystalline solid. Melting point: 50°C. Soluble in water. Reacts violently with organic materials such as wood, cotton or straw. In the presence of moisture, corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	1905
-	T8	TP2 TP12 TP28	F-A, S-B	Category C. For metal drums, category B.	Waste or spent sulphuric acid, usually a by-product of refining petroleum oils or crude benzenes. Highly corrosive to most metals.	1906
-	T1	TP33	F-A, S-B	Category A. "Separated from" acids.	Deliquescent, granulated, mixture of sodium hydroxide and calcium hydroxide. Reacts violently with acids. Reacts with ammonium salts, evolving ammonia gas. In the presence of moisture, corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes.	1907
T4	T7	TP2 TP24	F-A, S-B	Category B. "Away from" acids. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	Colourless liquid. In contact with acid, evolves very irritating and corrosive gases. Oxidizing solution. May cause fire in contact with organic materials such as wood, cotton or straw. Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1908
-	T4	TP2 TP24	F-A, S-B	Category B. "Away from" acids. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	See entry above.	1908
-	-	-	F-D, S-U	Category D. Clear of living quarters. "Separated from" chlorine.	Liquefied, flammable, toxic, colourless gas with an unpleasant odour. Explosive limits: 0.9% to 98%. Lighter than air (0.95). May decompose above -18°C with the formation of hydrogen and boron hydrides. Autoignition temperature: 90°C. Toxic by inhalation; forms boric acid and water by hydrolysis within the lungs.	1911
-	T50	-	F-D, S-U	Category D. Clear of living quarters.	Solution of the flammable gas methyl chloride, UN No. 1063, in the liquid methylene chloride.	1912
-	T75	TP5	F-C, S-V	Category B.	Liquefied, inert gas. Lighter than air (0.7).	1913
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids. Flashpoint: 32°C c.c. Immiscible with water.	1914
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 38°C to 44°C c.c. Explosive limits: 1.1% to 9.4%. Immiscible with water.	1915
T4	T7	TP2	F-E, S-D	Category A.	Colourless flammable liquid. Flashpoint: 55°C c.c. Immiscible with water, but reacts with it, forming corrosive and toxic fumes. Toxic if swallowed, by skin contact or by inhalation.	1916
-	T4	TP1 TP13	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid with a pungent odour. Flashpoint: 16°C c.c. Explosive limits: 1.8 to 14%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	1917
T1	T2	TP1	F-E, S-E	Category A.	Colourless liquid with a chloroform-like odour. Flashpoint: 31°C c.c. Explosive limits: 0.9% to 6.5%. Immiscible with water.	1918

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1919	METHYL ACRYLATE, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
1920	NONANES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1921	PROPYLENEIMINE, STABILIZED	3	6.1	I	–	None	P001	–	–	–
1922	PYRROLIDINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
1923	CALCIUM DITHIONITE (CALCIUM HYDROSULPHITE)	4.2	–	II	–	None	P410	PP31	IBC06	B2
1928	METHYLMAGNESIUM BROMIDE IN ETHYL ETHER	4.3	3	I	–	None	P402	–	–	–
1929	POTASSIUM DITHIONITE (POTASSIUM HYDROSULPHITE)	4.2	–	II	–	None	P410	PP31	IBC06	B2
1931	ZINC DITHIONITE (ZINC HYDROSULPHITE)	9	–	III	–	5 kg	P002 LP02	–	IBC08	B3
1932	ZIRCONIUM, SCRAP	4.2	–	III	223	None	P002 LP02	PP31	IBC08	B3
1935	CYANIDE SOLUTION, N.O.S.	6.1	– P	I	–	None	P001	–	–	–
1935	CYANIDE SOLUTION, N.O.S.	6.1	– P	II	–	100 ml	P001	–	IBC02	–
1935	CYANIDE SOLUTION, N.O.S.	6.1	– P	III	223	5 ℓ	P001 LP01	–	IBC03	–
1938	BROMOACETIC ACID SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
1938	BROMOACETIC ACID SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
1939	PHOSPHORUS OXYBROMIDE, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
1940	THIOGLYCOLIC ACID	8	–	II	–	1 ℓ	P001	–	IBC02	–
1941	DIBROMODIFLUOROMETHANE	9	–	III	–	5 ℓ	P001 LP01	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T4	TP1 TP13	F-E, S-D	Category B.	Colourless, volatile liquid with a pungent odour. Flashpoint: –3°C c.c. Explosive limits: 1.2% to 25%. Immiscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	1919
T1	T2	TP1	F-E, S-E	Category A.	Colourless liquids. Explosive limits: 0.8% to 2.9%. <i>normal</i> -NONANE: flashpoint 31°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	1920
–	T14	TP2 TP13	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid with an ammoniacal odour. Flashpoint: –4°C o.c. Miscible with water. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin and eyes.	1921
T1	T7	TP1	F-E, S-C	Category B. Clear of living quarters. "Separated from" acids.	Colourless to pale yellow liquid with an ammoniacal odour. Flashpoint: 3°C c.c. Miscible with water. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	1922
–	T3	TP33	F-A, S-J	Category E. Keep as dry as reasonably practicable.	Liable to heat and ignite spontaneously in air, and to evolve sulphur dioxide, an irritating gas.	1923
–	–	–	F-G, S-L	Category D.	Colourless, yellowish liquid. Decomposes violently in contact with water. Spillage will ignite spontaneously.	1928
–	T3	TP33	F-A, S-J	Category E. Keep as dry as reasonably practicable.	Liable to heat and ignite spontaneously in air and to evolve sulphur dioxide, an irritating gas.	1929
–	T1	TP33	F-A, S-J	Category A. Keep as dry as reasonably practicable. "Away from" class 6.2 and acids.	White, amorphous solid material. Soluble in water. Liable to heat on contact with moisture and heating results in evolution of sulphur dioxide, an intensely irritating gas. Also evolves sulphur dioxide on contact with acids.	1931
–	T1	TP33	F-G, S-L	Category D.	Particle size larger than 840 microns. Readily flammable; may ignite spontaneously in air. In contact with water, may evolve hydrogen, a flammable gas.	1932
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters. "Separated from" acids.	Liquid evolving toxic vapour. Reacts with acid or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by inhalation.	1935
–	T11	TP2 TP13 TP27	F-A, S-A	Category A. Clear of living quarters. "Separated from" acids.	See entry above.	1935
–	T7	TP2 TP13 TP28	F-A, S-A	Category A. Clear of living quarters. "Separated from" acids.	See entry above.	1935
–	T7	TP2	F-A, S-B	Category A. Clear of living quarters.	Corrosive to most metals. Harmful if swallowed. Causes burns to eyes and skin.	1938
–	T7	TP2	F-A, S-B	Category A. Clear of living quarters.	See entry above.	1938
–	T3	TP33	F-A, S-B	Category C. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless crystals. Melting point: 56°C. Reacts violently with water, evolving hydrogen bromide, a toxic and corrosive gas apparent as white fumes. Reacts violently with organic materials (such as wood, cotton, straw), causing fire. Decomposes when heated, evolving toxic and corrosive gases. When involved in a fire, evolves toxic and corrosive gases. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	1939
T4	T7	TP2	F-A, S-B	Category A.	Colourless liquid with a strong, very unpleasant odour. Corrosive to most metals. Harmful if swallowed.	1940
–	T11	TP2	F-A, S-A	Category A. Shade from radiant heat.	Colourless, heavy liquid. Boiling point: 24°C. Immiscible with water. When involved in a fire, may evolve toxic fumes. Toxic if swallowed, by skin contact or by inhalation. Irritating to skin, eyes and mucous membranes.	1941

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1942	AMMONIUM NITRATE with not more than 0.2% total combustible material, including any organic substance, calculated as carbon to the exclusion of any other added substance	5.1	–	III	952	5 kg	P002 LP02	–	IBC08	B3
1944	MATCHES, SAFETY (book, card or strike on box)	4.1	–	III	293 294	5 kg	P407	–	–	–
1945	MATCHES, WAX 'VESTA'	4.1	–	III	294	5 kg	P407	–	–	–
1950	AEROSOLS	2	– • See SP63	–	63 190 277 327 959	See SP277	P003 LP02	PP17 PP87 L2	–	–
1951	ARGON, REFRIGERATED LIQUID	2.2	–	–	–	120 ml	P203	–	–	–
1952	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	2.2	–	–	–	120 ml	P200	–	–	–
1953	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1 •	–	274	None	P200	–	–	–
1954	COMPRESSED GAS, FLAMMABLE, N.O.S.	2.1	– •	–	274	None	P200	–	–	–
1955	COMPRESSED GAS, TOXIC, N.O.S.	2.3	– •	–	274	None	P200	–	–	–
1956	COMPRESSED GAS, N.O.S.	2.2	– •	–	274 292	120 ml	P200	–	–	–
1957	DEUTERIUM, COMPRESSED	2.1	–	–	–	None	P200	–	–	–
1958	1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 114)	2.2	–	–	–	120 ml	P200	–	–	–
1959	1,1-DIFLUOROETHYLENE (REFRIGERANT GAS R 1132a)	2.1	–	–	–	None	P200	–	–	–
1961	ETHANE, REFRIGERATED LIQUID	2.1	–	–	–	None	P203	–	–	–
1962	ETHYLENE	2.1	–	–	–	None	P200	–	–	–
1963	HELIUM, REFRIGERATED LIQUID	2.2	–	–	–	120 ml	P203	–	–	–
1964	HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.	2.1	– •	–	274	None	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T1 BK2	TP33	F-H, S-Q	Category C. Category A only if the special stowage provisions of 7.1.11.5. are complied with. "Away from" sources of heat. "Separated from" class 4.1, combustible material (particularly liquids), bromates, chlorates, chlorites, hypochlorites, nitrites, perchlorates, permanganates and powdered metals.	Crystals, granules or prills. Soluble in water. Supporter of combustion. A major fire aboard a ship carrying this substance may involve a risk of explosion in the event of contamination (e.g. by fuel oil) or strong confinement. An adjacent detonation may also involve the risk of explosion. If heated strongly, decomposes, giving off toxic gases and gases which support combustion.	1942
–	–	–	F-A, S-I	Category A.	Intended to be ignited on a specially prepared surface.	1944
–	–	–	F-A, S-I	Category B.	Ignite by friction; a prepared surface may be required.	1945
–	–	–	F-D, S-U	For AEROSOLS with a maximum capacity of 1 l: Category A. Segregation as for class 9 but "Away from" sources of heat and "Separated from" class 1 except division 1.4. For AEROSOLS with a capacity above 1 l: Category B. Segregation as for the appropriate sub-division of class 2. For WASTE AEROSOLS: Category C. Clear of living quarters and away from sources of heat. Segregation as for the appropriate sub-division of class 2.	–	1950
–	T75	TP5	F-C, S-V	Category B.	Liquefied inert gas. Heavier than air (1.4).	1951
–	–	–	F-C, S-V	Category A.	Liquefied, non-flammable gas with an ether-like odour. Explosive limits: 31% to 52%. Heavier than air (1.5).	1952
–	–	–	F-D, S-U	Category D. Clear of living quarters.	–	1953
–	–	–	F-D, S-U	Category D. Clear of living quarters.	–	1954
–	–	–	F-C, S-U	Category D. Clear of living quarters.	–	1955
–	–	–	F-C, S-V	Category A.	–	1956
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Flammable, odourless gas. Much lighter than air (0.14).	1957
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas with a chloroform-like odour. Much heavier than air (5.9). Boiling point: 4°C.	1958
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Flammable gas. Explosive limits: 2.3% to 25%. Much heavier than air (2.2).	1959
–	T75	TP5	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable gas with a faint odour. Explosive limits: 3% to 16%. Slightly heavier than air (1.05).	1961
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Flammable gas. Explosive limits: 3% to 34%. Slightly lighter than air (0.98).	1962
–	T75	TP5 TP34	F-C, S-V	Category B.	Liquefied, inert gas. Much lighter than air (0.14).	1963
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon gas mixture obtained from natural gas or by distillation of mineral oils or coal, etc. May contain propane, cyclopropane, propylene, butane, butylene, etc., in varying proportions. Heavier than air.	1964

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S.	2.1	•	–	274	None	P200	–	–	–
1966	HYDROGEN, REFRIGERATED LIQUID	2.1	–	–	–	None	P203	–	–	–
1967	INSECTICIDE GAS, TOXIC, N.O.S.	2.3	•	–	274	None	P200	–	–	–
1968	INSECTICIDE GAS, N.O.S.	2.2	•	–	274	120 ml	P200	–	–	–
1969	ISOBUTANE	2.1	–	–	–	None	P200	–	–	–
1970	KRYPTON, REFRIGERATED LIQUID	2.2	–	–	–	120 ml	P203	–	–	–
1971	METHANE, COMPRESSED or NATURAL GAS, COMPRESSED with high methane content	2.1	–	–	–	None	P200	–	–	–
1972	METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID with high methane content	2.1	–	–	–	None	P203	–	–	–
1973	CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE with a fixed boiling point, with approximately 49% chlorodifluoromethane (REFRIGERANT GAS R 502)	2.2	–	–	–	120 ml	P200	–	–	–
1974	CHLORODIFLUOROBROMOMETHANE (REFRIGERANT GAS R 12B1)	2.2	–	–	–	120 ml	P200	–	–	–
1975	NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE (NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE)	2.3	5.1/8	–	–	None	P200	–	–	–
1976	OCTAFLUOROCYCLOBUTANE (REFRIGERANT GAS RC 318)	2.2	–	–	–	120 ml	P200	–	–	–
1977	NITROGEN, REFRIGERATED LIQUID	2.2	–	–	914	120 ml	P203	–	–	–
1978	PROPANE	2.1	–	–	–	None	P200	–	–	–
1982	TETRAFLUOROMETHANE (REFRIGERANT GAS R 14)	2.2	–	–	–	120 ml	P200	–	–	–
1983	1-CHLORO-2,2,2-TRIFLUOROETHANE (REFRIGERANT GAS R 133a)	2.2	–	–	–	120 ml	P200	–	–	–
1984	TRIFLUOROMETHANE (REFRIGERANT GAS R 23)	2.2	–	–	–	120 ml	P200	–	–	–
1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	I	274	None	P001	–	–	–
1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	II	274 944	1 l	P001	–	IBC02	–
1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	III	223 274 944	5 l	P001	–	IBC03	–
1987	ALCOHOLS, N.O.S.	3	– •	II	274 330 944	1 l	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Liquefied flammable hydrocarbon gas obtained from natural gas or by distillation of mineral oils or coal, etc. May contain propane, cyclopropane, propylene, butane, butylene, etc., in varying proportions. Heavier than air.	1965
–	T75	TP5 TP23 TP34	F-D, S-U	Category D. Clear of living quarters. "Separated from" chlorine.	Liquefied, flammable, odourless gas. Explosive limits: 4% to 75%. Much lighter than air (0.07).	1966
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Toxic mixtures of insecticides with liquefied gases. These mixtures may be flammable.	1967
–	–	–	F-C, S-V	Category A.	Non-flammable and non-toxic mixtures of insecticides with liquefied gases.	1968
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon. Heavier than air.	1969
–	T75	TP5	F-C, S-V	Category B.	Liquefied, inert gas. Much heavier than air (2.9).	1970
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Flammable gas. Explosive limits: 5% to 16%. Lighter than air (methane 0.55).	1971
–	T75	TP5	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable gas. Explosive limits: 5% to 16%. Lighter than air (methane 0.55).	1972
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air (4.2.)	1973
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air (5.7).	1974
–	–	–	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	Non-flammable, toxic and corrosive, brown gas mixtures of varying composition with a pungent odour. Strong oxidizing agent. Heavier than air. Highly irritating to skin, eyes and mucous membranes. Poisonous by inhalation, with delayed effect similar to phosgene.	1975
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air (7.0).	1976
–	T75	TP5	F-C, S-V	Category D.	Liquefied, non-flammable, odourless gas. Lighter than air (0.97). Arrangements for the containment of the liquid nitrogen and fittings in use should be appropriate to the potential danger to the structure of the freight container or ship from the effect of misuse or accidental spillage of the gas.	1977
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon gas. Explosive limits: 2.3% to 9.5%. Heavier than air (1.56).	1978
–	–	–	F-C, S-V	Category A.	Non-flammable gas. Much heavier than air (3.1).	1982
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air (4.1). Boiling point: 7°C.	1983
–	–	–	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air (2.4).	1984
T4	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category E. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	1986
T4	T11	TP2 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	1986
–	T7	TP1 TP28	F-E, S-D	Category A.	See entry above.	1986
–	T7	TP1 TP8 TP28	F-E, S-D	Category B.	–	1987

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1987	ALCOHOLS, N.O.S.	3	– •	III	223 274 330 944	5 ℓ	P001 LP01	–	IBC03	–
1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	I	274	None	P001	–	–	–
1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	II	274 944	1 ℓ	P001	–	IBC02	–
1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	III	223 274 944	5 ℓ	P001	–	IBC03	–
1989	ALDEHYDES, N.O.S.	3	– •	I	274	None	P001	–	–	–
1989	ALDEHYDES, N.O.S.	3	– •	II	274 944	1 ℓ	P001	–	IBC02	–
1989	ALDEHYDES, N.O.S.	3	– •	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
1990	BENZALDEHYDE	9	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
1991	CHLOROPRENE, STABILIZED	3	6.1	I	–	None	P001	–	–	–
1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	6.1 •	I	274	None	P001	–	–	–
1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	6.1 •	II	274 944	1 ℓ	P001	–	IBC02	–
1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	6.1 •	III	223 274 944	5 ℓ	P001	–	IBC03	–
1993	FLAMMABLE LIQUID, N.O.S.	3	– •	I	274 330	None	P001	–	–	–
1993	FLAMMABLE LIQUID, N.O.S.	3	– •	II	274 330 944	1 ℓ	P001	–	IBC02	–
1993	FLAMMABLE LIQUID, N.O.S.	3	– •	III	223 274 330 944 955	5 ℓ	P001 LP01	–	IBC03	–
1994	IRON PENTACARBONYL	6.1	3	I	–	None	P601	–	–	–
1999	TARS, LIQUID including road asphalt and oils, bitumen and cut backs	3	– •	II	944	5 ℓ	P001	–	IBC02	–
1999	TARS, LIQUID including road asphalt and oils, bitumen and cut backs	3	– •	III	944 955	5 ℓ	P001 LP01	–	IBC03	–
2000	CELLULOID in block, rods, rolls, sheets, tubes, etc., except scrap	4.1	–	III	223	5 kg	P002 LP02	PP7	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
T1	T4	TP1 TP29	F-E, S-D	Category A.	–	1987
T4	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category E. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	1988
T4	T11	TP2 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	1988
T4	T7	TP1 TP28	F-E, S-D	Category A.	See entry above.	1988
T4	T11	TP1 TP9 TP27	F-E, S-D	Category E.		1989
T4	T7	TP1 TP8 TP28	F-E, S-D	Category B.		1989
T1	T4	TP1 TP29	F-E, S-D	Category A.		1989
T1	T2	TP1	F-A, S-A	Category A.	Colourless or yellowish volatile oil with a bitter almond odour. Slightly soluble in water. Irritating to skin, eyes and mucous membranes.	1990
T8	T14	TP2 TP6 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless liquid. Flashpoint: –20°C c.c. Explosive limits: 2.5% to 12%. Slightly soluble in water. Toxic if swallowed, by skin contact or by inhalation.	1991
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category E. Clear of living quarters.	Flammable toxic liquid which is not specified by name in this class or, on account of its characteristics, in some other class. Toxic if swallowed, by skin contact or by inhalation.	1992
–	T7	TP2 TP13	F-E, S-D	Category B. Clear of living quarters.	See entry above.	1992
–	T7	TP1 TP28	F-E, S-D	Category A.	See entry above.	1992
T4	T11	TP1 TP9 TP27	F-E, <u>S-E</u>	Category E.	–	1993
T4	T7	TP1 TP8 TP28	F-E, <u>S-E</u>	Category B.	–	1993
T1	T4	TP1 TP29	F-E, <u>S-E</u>	Category A.	–	1993
–	–	–	F-E, S-D	Category D. Clear of living quarters.	Yellow to dark red, volatile flammable liquid. Flashpoint: –15°C c.c. Explosive limits: 3.7% to 12.5%. May react with water or steam, evolving carbon monoxide, which is a toxic gas. Highly toxic if swallowed, by skin contact or by inhalation.	1994
T1	T3	TP3 TP29	F-E, S-E	Category B.	Mobile liquids prepared by mixing asphalt with petroleum distillate. Pungent odour. Immiscible with water.	1999
–	T1	TP3	F-E, S-E	Category A.	See entry above.	1999
–	–	–	F-A, S-I	Category A.	Ignites readily. When involved in a fire, evolves toxic fumes; in enclosed cargo spaces, these fumes may form an explosive mixture with air.	2000

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2001	COBALT NAPHTHENATES, POWDER	4.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2002	CELLULOID, SCRAP	4.2	–	III	223	None	P002 LP02	PP8	IBC08	B3
2004	MAGNESIUM DIAMIDE	4.2	–	II	–	None	P410	PP31	IBC06	–
2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.	4.2	–	III	274	None	P002	–	–	–
2008	ZIRCONIUM POWDER, DRY	4.2	–	I	–	None	P404	PP31	–	–
2008	ZIRCONIUM POWDER, DRY	4.2	–	II	–	None	P410	PP31	IBC06	B2
2008	ZIRCONIUM POWDER, DRY	4.2	–	III	223	None	P002 LP02	PP31	IBC08	B3
2009	ZIRCONIUM, DRY finished sheets, strip or coiled wire	4.2	–	III	223	None	P002 LP02	PP31	–	–
2010	MAGNESIUM HYDRIDE	4.3	–	I	–	None	P403	PP31	–	–
2011	MAGNESIUM PHOSPHIDE	4.3	6.1	I	–	None	P403	PP31	–	–
2012	POTASSIUM PHOSPHIDE	4.3	6.1	I	–	None	P403	PP31	–	–
2013	STRONTIUM PHOSPHIDE	4.3	6.1	I	–	None	P403	PP31	–	–
2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	5.1	8	II	–	1 ℓ	P504	PP10	IBC02	B5
2015	HYDROGEN PEROXIDE, STABILIZED or HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide	5.1	8	I	–	None	P501	–	–	–
2016	AMMUNITION, TOXIC, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	6.1	–	II	–	None	P600	–	–	–
2017	AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	6.1	8	II	–	None	P600	–	–	–
2018	CHLOROANILINES, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2019	CHLOROANILINES, LIQUID	6.1	–	II	–	100 ml	P001	–	IBC02	–
2020	CHLOROPHENOLS, SOLID	6.1	–	III	205	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T1	TP33	F-A, S-I	Category A.	Brown, amorphous powder. Insoluble in water. Readily combustible.	2001
–	–	–	F-A, S-J	Category D.	Ignites readily. When involved in a fire, evolves toxic fumes; in enclosed cargo spaces, these fumes may form an explosive mixture with air.	2002
–	T3	TP33	F-G, S-M	Category C.	White powder. Ignites spontaneously in air. Reacts violently in contact with water.	2004
–	–	–	F-A, S-G	Category C.	–	2006
–	T21	TP7 TP33	F-G, S-M	Category D.	Amorphous powder. Liable to ignite spontaneously in air. Forms explosive mixtures with oxidizing substances.	2008
–	T3	TP33	F-G, S-M	Category D.	See entry above.	2008
–	T1	TP33	F-G, S-M	Category D.	See entry above.	2008
–	–	–	F-G, S-M	Category D.	Hard, silvery metal, liable to ignite spontaneously in air.	2009
–	–	–	F-G, S-O	Category E. "Separated from" acids.	White crystals. In contact with water, acids or moisture, evolves hydrogen, which may be ignited by the heat of the reaction.	2010
–	–	–	F-G, S-N	Category E. Under deck in a mechanically ventilated space. Clear of living quarters. "Separated from" acids.	Solid. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	2011
–	–	–	F-G, S-N	Category E. Under deck in a mechanically ventilated space. Clear of living quarters. "Separated from" acids.	Solid. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	2012
–	–	–	F-G, S-N	Category E. Under deck in a mechanically ventilated space. Clear of living quarters. "Separated from" acids.	Solid. Reacts with acids or decomposes slowly in contact with water or damp air, evolving phosphine, a spontaneously flammable and highly toxic gas. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	2013
–	T7	TP2 TP6 TP24	F-H, S-Q	Category D. Shade from radiant heat. "Separated from" permanganates and class 4.1. See 7.2.1.13.1.2.	Colourless liquid. Slowly decomposes, evolving oxygen; the rate of decomposition increases in contact with metals, except aluminium. In contact with combustible material may cause fire or explosion. Causes burns to skin, eyes and mucous membranes. Even though stabilized, these solutions may evolve oxygen.	2014
–	T9	TP2 TP6 TP24	F-H, S-Q	Category D. Shade from radiant heat. "Separated from" permanganates and class 4.1.	Colourless liquid. Slowly decomposes, evolving oxygen; the rate of decomposition increases in contact with metals, except aluminium. Decomposes vigorously in contact with permanganates. When involved in a fire, mixtures with combustible material may be explosive. Causes burns to skin, eyes and mucous membranes. Even though stabilized, these solutions may evolve oxygen.	2015
–	–	–	F-A, S-A	Category E. Keep as dry as reasonably practicable. Clear of living quarters.	Contents may evolve toxic fumes or vapour. Gases evolved are toxic by skin contact or by inhalation.	2016
–	–	–	F-A, S-B	Category E. Keep as dry as reasonably practicable. Clear of living quarters.	Contents may evolve irritant gas or vapour with lachrymatory effects.	2017
–	T3	TP33	F-A, S-A	Category A.	Crystalline solid. Melting point of pure <i>para</i> -chloroaniline: 70°C approximately. Toxic if swallowed, by skin contact or by dust inhalation.	2018
–	T7	TP2	F-A, S-A	Category A. "Separated from" acids.	Colourless liquid. May be a mixture of two of the isomers (e.g. <i>ortho</i> - and <i>meta</i> -) of chloroaniline. Reacts with acid. Toxic if swallowed, by skin contact or by inhalation.	2019
–	T1	TP33	F-A, S-A	Category A.	A wide range of toxic solids. Toxic if swallowed, by skin contact or by dust inhalation.	2020

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2021	CHLOROPHENOLS, LIQUID	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2022	CRESYLIC ACID	6.1	8	II	–	100 mL	P001	–	IBC02	–
2023	EPOCHLOROHYDRIN	6.1	3 P	II	279	100 mL	P001	–	IBC02	–
2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	– PP	I	43 66	None	P001	–	–	–
2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	– PP	II	43 66	100 mL	P001	–	IBC02	–
2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	– PP	III	43 66 223	500 mL	P001 LP01	–	IBC03	–
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	– PP	I	43 66	None	P002	–	IBC07	B1
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	– PP	II	43 66	500 g	P002	–	IBC08	B2 B4
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	– PP	III	43 66 223	500 g	P002 LP02	–	IBC08	B3
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	– PP	I	43	None	P002	–	IBC07	B1
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	– PP	II	43	500 g	P002	–	IBC08	B2 B4
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	– PP	III	43 223	500 g	P002 LP02	–	IBC08	B3
2027	SODIUM ARSENITE, SOLID	6.1	–	II	43	500 g	P002	–	IBC08	B2 B4
2028	BOMBS, SMOKE, NON-EXPLOSIVE with corrosive liquid, without initiating device	8	–	II	–	None	P803	–	–	–
2029	HYDRAZINE, ANHYDROUS	8	3/6.1	I	–	None	P001	–	–	–
2030	HYDRAZINE, AQUEOUS SOLUTION with more than 37% hydrazine, by mass	8	6.1	I	329	None	P001	–	–	–
2030	HYDRAZINE, AQUEOUS SOLUTION with more than 37% hydrazine, by mass	8	6.1	II	–	1 ℓ	P001	–	IBC02	–
2030	HYDRAZINE, AQUEOUS SOLUTION with more than 37% hydrazine, by mass	8	6.1	III	–	5 ℓ	P001 LP01	–	IBC03	–
2031	NITRIC ACID other than red fuming, with more than 70% nitric acid	8	5.1	I	–	None	P001	PP81	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
T3	T4	TP1	F-A, S-A	Category A.	A wide range of toxic liquids. Toxic if swallowed, by skin contact or by inhalation.	2021
T4	T7	TP2 TP13	F-A, S-B	Category B.	Colourless to brownish-yellow liquid mixture with a phenolic odour. Miscible with water. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes. Cresylic acid is a generic name for mixtures of cresols and higher alkylphenols, in varying proportions. It generally contains more than 95% phenolic compounds.	2022
-	T7	TP2 TP13	F-E, S-D	Category A. Clear of living quarters.	Colourless flammable liquid with a chloroform-like odour. Flashpoint: approximately 32°C c.c. Toxic if swallowed, by skin contact or by inhalation.	2023
-	-	-	F-A, S-A	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	2024
-	-	-	F-A, S-A	Category B. Clear of living quarters.	See entry above.	2024
-	-	-	F-A, S-A	Category B. Clear of living quarters.	See entry above.	2024
-	T6	TP9 TP33	F-A, S-A	Category A.	Toxic if swallowed, by skin contact or by dust inhalation.	2025
-	T3	TP33	F-A, S-A	Category A.	See entry above.	2025
-	T1	TP33	F-A, S-A	Category A.	See entry above.	2025
-	T6	TP9 TP33	F-A, S-A	Category A.	Usually white crystals or powder. Toxic if swallowed, by skin contact or by dust inhalation.	2026
-	T3	TP33	F-A, S-A	Category A.	See entry above.	2026
-	T1	TP33	F-A, S-A	Category A.	See entry above.	2026
-	T3	TP33	F-A, S-A	Category A.	Greyish-white powder. Soluble in water. Reacts with oxidizing substances, evolving heat. Toxic if swallowed, by skin contact or by dust inhalation.	2027
-	-	-	F-A, S-B	Category E. Clear of living quarters.	Corrosive content evolves dense smoke when in contact with air. Corrosive content may cause acid burns to skin.	2028
-	-	-	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3, but "Away from" class 4.1. "Separated from" acids.	Colourless, flammable liquid with an ammoniacal odour. Flashpoint: 52°C c.c. Miscible with water. Highly reactive reducing agent. Ignites spontaneously when in contact with porous materials such as earth, wood or cloth. Toxic if swallowed, by skin contact or by inhalation. Causes severe burns to skin, eyes and mucous membranes. Reacts violently with acids.	2029
-	T10	TP2 TP13	F-A, S-B * *	Category D. Clear of living quarters. "Separated from" acids.	Colourless liquid. Powerful reducing agent, burns readily. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids. *If flammable: F-E, S-C (S-C is a special case)	2030
-	T7	TP2 TP13	F-A, S-B	Category D. Clear of living quarters. "Separated from" acids.	See entry above.	2030
-	T4	TP1	F-A, S-B	Category D. Clear of living quarters. "Separated from" acids.	See entry above.	2030
T8 TP28	T10	TP2 TP12 TP13	F-A, S-Q	Category D. Segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	Colourless liquid. Powerful oxidant; may cause fire in contact with organic materials such as wood, cotton or straw, evolving highly toxic gases (brown fumes). Highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	2031

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2031	NITRIC ACID other than red fuming, with not more than 70% nitric acid	8	–	II	–	1 ℓ	P001	PP81	IBC02	B20
2032	NITRIC ACID, RED FUMING	8	5.1/6.1	I	–	None	P602	–	–	–
2033	POTASSIUM MONOXIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2034	HYDROGEN AND METHANE MIXTURE, COMPRESSED	2.1	–	–	–	None	P200	–	–	–
2035	1,1,1-TRIFLUOROETHANE (REFRIGERANT GAS R 143a)	2.1	–	–	–	None	P200	–	–	–
2036	XENON	2.2	–	–	–	120 mL	P200	–	–	–
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non refillable	2	–	–	191 277 303	see SP277	P003	PP17	–	–
2038	DINITROTOLUENES, LIQUID	6.1	–	II	–	100 mL	P001	–	IBC02	B20
2044	2,2-DIMETHYLPROPANE	2.1	–	–	–	None	P200	–	–	–
2045	ISOBUTYL ALDEHYDE (ISOBUTYRALDEHYDE)	3	–	II	–	1 ℓ	P001	–	IBC02	–
2046	CYMENES	3	– PP	III	–	500 mL	P001 LP01	–	IBC03	–
2047	DICHLOROPROPENES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2047	DICHLOROPROPENES	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2048	DICYCLOPENTADIENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2049	DIETHYLBENZENES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2050	DIISOBUTYLENES, ISOMERIC COMPOUNDS	3	–	II	–	1 ℓ	P001	–	IBC02	–
2051	2-DIMETHYLAMINOETHANOL	8	3	II	–	1 ℓ	P001	–	IBC02	–
2052	DIPENTENE	3	– P	III	–	5 ℓ	P001 LP01	–	IBC03	–
2053	METHYL ISOBUTYL CARBINOL	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2054	MORPHOLINE	8	3	I	–	None	P001	–	–	–
2055	STYRENE MONOMER, STABILIZED	3	–	III	–	5 ℓ	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
TP28	T8	TP2 TP12	F-A, S-B	Category D. If concentration exceeds 50% acid, segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	Colourless liquid. Powerful oxidant; may cause fire in contact with organic materials such as wood, cotton or straw, evolving highly toxic gases (brown fumes). Highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	2031
T10	T20	TP2 TP12 TP13	F-A, S-Q	Category D. Clear of living quarters. Segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	Brown liquid. Powerful oxidant; may cause fire in contact with organic materials such as wood, cotton or straw. Highly corrosive to most metals. Toxic if swallowed, by skin contact or by vapour inhalation. Causes severe burns to skin, eyes and mucous membranes.	2032
-	T3	TP33	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	Deliquescent crystalline solid. Reacts violently with water, generating heat. Reacts with ammonium salts, evolving ammonia gas. Reacts violently with acids. In the presence of moisture, corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes.	2033
-	-	-	F-D, S-U	Category E. Clear of living quarters. "Separated from" chlorine.	Flammable, odourless gas mixtures. Much lighter than air.	2034
-	T50	-	F-D, S-U	Category B. Clear of living quarters.	Flammable gas with a slight odour. Much heavier than air (2.9).	2035
-	-	-	F-C, S-V	Category A.	Liquefied, inert gas. Much heavier than air (4.5).	2036
-	-	-	F-D, S-U	Category B. Clear of living quarters.	Normally contain mixtures of liquefied Butane and Propane in various proportions for use in camping stoves, etc.	2037
T4	T7	TP2	F-A, S-A	Category A.	Immiscible with water. A commercial grade consisting of a mixture of the 2,4-, 3,4- and 3,5-isomers is an oily liquid. Toxic if swallowed, by skin contact or by inhalation.	2038
-	-	-	F-D, S-U	Category E. Clear of living quarters.	Flammable hydrocarbon gas. Explosive limits: 1.4% to 7.2%. Heavier than air (2.48).	2044
-	T4	TP1	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid with a characteristic pungent odour. Flashpoint: -24°C c.c. Explosive limits: 1% to 12%. Immiscible with water.	2045
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids with an aromatic odour. Immiscible with water. Explosive limits: 0.7% to 5.6%.	2046
-	T4	TP1	F-E, S-D	Category B.	Colourless or yellow liquids with a sweet odour. Explosive limits: 5% to 14%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2047
T4	T2	TP1	F-E, S-D	Category A.	See entry above.	2047
-	T2	TP1	F-E, S-D	Category A.	The pure substance is a solid with a melting point of 34°C. Flashpoint: 26°C to 38°C o.c. Commercial products are liquids. Immiscible with water. Harmful if swallowed.	2048
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids. Flashpoint: 49°C to 56°C c.c. Immiscible with water. The commercial product is a mixture of isomers.	2049
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquids. Flashpoint: -18°C to 21°C c.c. Explosive limits: 0.8% to 4.8%. Immiscible with water.	2050
T4	T7	TP2	F-E, S-C	Category A.	Colourless, flammable liquid with a fishy odour. Flashpoint: 31°C o.c. Miscible with water. Causes burns to skin, eyes and mucous membranes.	2051
T1	T2	TP1	F-E, S-E	Category A.	Colourless liquid with a lemon-like odour. Flashpoint: 43°C c.c. Explosive limits: 0.7% to 6.1%. Immiscible with water.	2052
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 41°C c.c. Explosive limits: 1% to 5.5%. Miscible with water. Harmful by inhalation.	2053
T4	T10	TP2	F-E, S-C	Category A.	Colourless liquid with a fishy odour. Flashpoint: 38°C o.c. Explosive limits: 2% to 11.2%. Miscible with water. Harmful by skin contact or by inhalation. Corrosive to skin, eyes and mucous membranes.	2054
T1	T2	TP1	F-E, S-D	Category A.	Colourless, oily liquid. Flashpoint: 32°C c.c. Explosive limits: 1.1% to 6.1%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2055

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2056	TETRAHYDROFURAN	3	–	II	–	1 ℓ	P001	–	IBC02	–
2057	TRIPROPYLENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2057	TRIPROPYLENE	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2058	VALERALDEHYDE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	3	–	I	198	None	P001	–	–	–
2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	3	–	II	198	1 ℓ	P001	–	–	–
2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	3	–	III	198 223	5 ℓ	P001 LP01	–	–	–
2067	AMMONIUM NITRATE BASED FERTILIZER	5.1	–	III	186 306 307 900	5 kg	P002 LP02	–	IBC08	B3
2071	AMMONIUM NITRATE BASED FERTILIZER	9	–	III	186 193	5 kg	P002 LP02	–	IBC08	B3
2073	AMMONIA SOLUTION relative density less than 0.880 at 15°C in water, with more than 35% but not more than 50% ammonia	2.2	–	–	–	120 mℓ	P200	–	–	–
2074	ACRYLAMIDE, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2075	CHLORAL, ANHYDROUS, STABILIZED	6.1	–	II	–	100 mℓ	P001	–	IBC02	–
2076	CRESOLS, LIQUID	6.1	8	II	–	100 mℓ	P001	–	IBC02	–
2077	alpha-NAPHTHYLAMINE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2078	TOLUENE DIISOCYANATE	6.1	–	II	279	100 mℓ	P001	–	IBC02	–
2079	DIETHYLENETRIAMINE	8	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid with an ethereal odour. Flashpoint: below –18°C c.c. Explosive limits: 1.5% to 12%. Miscible with water.	2056
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Immiscible with water.	2057
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	2057
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 12°C c.c. Partially miscible with water. Irritating to skin, eyes and mucous membranes.	2058
–	T11	TP1 TP8 TP27	F-E, S-D	Category E.	When involved in a fire, evolves toxic nitrous fumes.	2059
–	T4	TP1 TP8	F-E, S-D	Category B.	See entry above.	2059
T1	T2	TP1	F-E, S-D	Category A.	See entry above.	2059
–	T1 BK2	TP33	F-H, S-Q	Category C. Category A only if the special stowage provisions of 7.1.11.5 are complied with. "Separated from" class 4.1, combustible material (particularly liquids), bromates, chlorates, chlorites, hypochlorites, nitrites, perchlorates, permanganates and powdered metals. "Away from" sources of heat.	Crystals, granules or prills. Wholly or partly soluble in water. Supporters of combustion. A major fire aboard a ship carrying these substances may involve a risk of explosion in the event of contamination (e.g. by fuel oil) or strong confinement. An adjacent detonation may also involve a risk of explosion. If heated strongly, decompose, giving off toxic gases and gases which support combustion.	2067
–	BK2	–	F-H, S-Q	Category A. For special stowage provisions see 7.1.16.1.	Usually granules. Wholly or partly soluble in water. These mixtures may be subject to self-sustaining decomposition if heated. The temperature in such a reaction can reach 500°C. Decomposition, once initiated, may spread throughout the remainder, producing gases which are toxic. None of these mixtures is subject to the explosion hazard.	2071
–	–	–	F-C, S-U	Category E. Clear of living quarters. "Separated from" chlorine. "Separated from" acids.	Solution in water of non-flammable gas with a pungent odour. Reacts violently with acids. Extremely dangerous to the eyes.	2073
–	T1	TP33	F-A, S-A	Category A. Keep as cool as reasonably practicable.	Crystals or powder. Soluble in water. May polymerise violently on melting. Toxic if swallowed, by skin contact or by inhalation.	2074
–	T7	TP2	F-A, S-A	Category D. Clear of living quarters.	Colourless, mobile liquid, evolving toxic vapours which are considerably heavier than air. Toxic if swallowed, by skin contact or by inhalation.	2075
T4	T7	TP2	F-A, S-B	Category B.	Colourless to light yellow liquids. Miscible with water. Melting point of <i>meta</i> -CRESOL: 12°C. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	2076
–	T1	TP33	F-A, S-A	Category A.	White crystals. Toxic if swallowed, by skin contact or by inhalation.	2077
–	T7	TP2 TP13	F-A, S-A	Category C. Clear of living quarters. Shaded from radiant heat.	Colourless to pale yellow liquid with a pungent odour. Immiscible with water but reacts with it to form carbon dioxide. Melting point: 20°C (pure product). Toxic if swallowed, by skin contact or by inhalation.	2078
T4	T7	TP2	F-A, S-B	Category A. Clear of living quarters. "Separated from" acids.	Yellow hygroscopic liquid with ammoniacal odour. Soluble in water. Strongly alkaline, corrosive. Can form explosive mixtures with nitric acid. Reacts with oxidizing substances. Corrosive to copper and its alloys. Reacts violently with acids. Liquid and vapour can cause severe damage to skin and eyes.	2079

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2186	HYDROGEN CHLORIDE, REFRIGERATED LIQUID	2.3	8	–	900	–	–	–	–	–
2187	CARBON DIOXIDE, REFRIGERATED LIQUID	2.2	–	–	–	120 mℓ	P203	–	–	–
2188	ARSINE	2.3	2.1	–	–	None	P200	–	–	–
2189	DICHLOROSILANE	2.3	2.1/8	–	–	None	P200	–	–	–
2190	OXYGEN DIFLUORIDE, COMPRESSED	2.3	5.1/8	–	–	None	P200	–	–	–
2191	SULPHURYL FLUORIDE	2.3	–	–	–	None	P200	–	–	–
2192	GERMANE	2.3	2.1	–	–	None	P200	–	–	–
2193	HEXAFLUOROETHANE (REFRIGERANT GAS R 116)	2.2	–	–	–	120 mℓ	P200	–	–	–
2194	SELENIUM HEXAFLUORIDE	2.3	8	–	–	None	P200	–	–	–
2195	TELLURIUM HEXAFLUORIDE	2.3	8	–	–	None	P200	–	–	–
2196	TUNGSTEN HEXAFLUORIDE	2.3	8	–	–	None	P200	–	–	–
2197	HYDROGEN IODIDE, ANHYDROUS	2.3	8	–	–	None	P200	–	–	–
2198	PHOSPHORUS PENTAFLUORIDE	2.3	8	–	–	None	P200	–	–	–
2199	PHOSPHINE	2.3	2.1	–	–	None	P200	–	–	–
2200	PROPADIENE, STABILIZED	2.1	–	–	–	None	P200	–	–	–
2201	NITROUS OXIDE, REFRIGERATED LIQUID	2.2	5.1	–	–	None	P203	–	–	–
2202	HYDROGEN SELENIDE, ANHYDROUS	2.3	2.1	–	–	None	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	–	–	–	2186
–	T75	TP5	F-C, S-V	Category B.	Non-flammable, liquefied gas, colourless and odourless. Heavier than air (1.5). Cannot remain in the liquid state above 31°C.	2187
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Flammable, toxic, colourless gas with a garlic odour. Explosive limits: 3.9% to 77.8%. Much heavier than air (2.8).	2188
–	–	–	F-D, S-U	Category D. Clear of living quarters. Segregation as for class 2.1 but "Away from" class 4.3. See 7.2.1.13.1.2.	Flammable, toxic and corrosive gas. Reacts with water, evolving hydrogen chloride. Highly irritating to skin, eyes and mucous membranes.	2189
–	–	–	F-C, S-W	Category D. Keep as dry as reasonably practicable. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	Non-flammable, toxic and corrosive, colourless gas with a foul odour. Strong oxidizing agent. Reacts slowly with water or moist air to produce poisonous and corrosive fumes. Corrosive to glass and to most metals. Heavier than air (1.9). Highly irritating to skin, eyes and mucous membranes.	2190
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic, colourless, odourless gas. Reacts with water or moist air to produce toxic and corrosive fumes. Much heavier than air (3.5). Irritating to skin, eyes and mucous membranes.	2191
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Flammable, toxic, colourless gas with a pungent odour. Much heavier than air (2.6).	2192
–	–	–	F-C, S-V	Category A.	Non-flammable, colourless and odourless gas. Much heavier than air (4.8). Cannot remain in liquid state above 24.3°C.	2193
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Colourless, toxic and corrosive gas. Corrosive to glass and to most metals. Heavier than air. Highly irritating to skin, eyes and mucous membranes.	2194
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive colourless gas with an unpleasant odour. Decomposes in water, evolving highly toxic and corrosive fumes. Corrosive to glass and to most metals. Much heavier than air (7.2). Highly irritating to skin, eyes and mucous membranes.	2195
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive, colourless gas, or yellow liquid. Decomposes in water or moist air, evolving highly toxic and corrosive fumes. Corrosive to glass and to most metals. Much heavier than air (10.3). Boiling point: 19.5°C. Highly irritating to skin, eyes and mucous membranes.	2196
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive colourless gas with a pungent odour. Highly corrosive in the presence of water. Much heavier than air (4.4). Highly irritating to skin, eyes and mucous membranes.	2197
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive gas with an irritating odour. Reacts with water or moist air to produce toxic and corrosive fumes. Corrosive to glass and to most metals. Much heavier than air (4.3). Highly irritating to skin, eyes and mucous membranes.	2198
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Flammable, toxic, colourless gas with a garlic odour. Ignites spontaneously in air. Heavier than air (1.2). Irritating to skin, eyes and mucous membranes.	2199
–	–	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable, colourless gas. Explosive limits: 1.7% to 12%. Heavier than air (1.4). Boiling point: –34°C. Irritating to skin, eyes and mucous membranes.	2200
–	T75	TP5 TP22	F-C, S-W	Category B. Clear of living quarters.	Liquefied, non-flammable, colourless gas with a slightly sweet odour. Strong oxidizing agent. Heavier than air (1.5). Cannot remain in liquid state above 36.5°C.	2201
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Flammable, toxic, colourless gas with a disagreeable odour. Much heavier than air (2.8). Highly irritating to skin, eyes and mucous membranes.	2202

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2203	SILANE	2.1	–	–	–	None	P200	–	–	–
2204	CARBONYL SULPHIDE	2.3	2.1	–	–	None	P200	–	–	–
2205	ADIPONITRILE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2206	ISOCYANATES, TOXIC, N.O.S. or ISOCYANATE SOLUTION, TOXIC, N.O.S.	6.1	– •	II	274	100 ml	P001	–	IBC02	–
2206	ISOCYANATES, TOXIC, N.O.S. or ISOCYANATE SOLUTION, TOXIC, N.O.S.	6.1	– •	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
2208	CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	5.1	–	III	313 314	5 kg	P002	PP85	–	–
2209	FORMALDEHYDE SOLUTION with not less than 25% formaldehyde	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2210	MANEB or MANEB PREPARATION with not less than 60% maneb	4.2	4.3 P	III	273	None	P002	–	IBC06	–
2211	POLYMERIC BEADS, EXPANDABLE evolving flammable vapour	9	–	III	207	5 kg	P002	PP14	IBC08	B3 B6

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-D, S-U	Category E. Clear of living quarters. "Separated from" bromine and chlorine.	Flammable, colourless gas with a foul odour. Explosive limits: 1% to 100%. Ignites spontaneously in air. Strong reducing agent which reacts violently with oxidizing substances. Heavier than air (1.1).	2203
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Flammable, toxic, colourless gas with a foul odour. Much heavier than air (2.1).	2204
T1	T3	TP1	F-A, S-A	Category A.	Colourless, odourless oil. Decomposes above 93°C, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by inhalation.	2205
T7	T11	TP2 TP13 TP27	F-A, S-A	Category E. Shaded from radiant heat. Clear of living quarters.	Liquids with a pungent odour. Immiscible with water but react with it to form carbon dioxide. Toxic if swallowed, by skin contact or by inhalation. If under deck, with mechanical ventilation, six air changes per hour, except when carried in closed containers, when two air changes per hour are required.	2206
T4	T7	TP1 TP13 TP28	F-A, S-A	Category E. Shaded from radiant heat. Clear of living quarters.	See entry above.	2206
–	–	–	F-H, S-Q	Category D. Cargo transport units shall be shaded from direct sunlight and stowed away from sources of heat. Packages in cargo transport units shall be stowed so as to allow for adequate air circulation throughout the cargo. "Separated from" ammonium compounds, acids, cyanides, hydrogen peroxide and liquid organic substances.	White or yellowish solid (powder, granules or tablets) with chlorine-like odour. Soluble in water. May cause fire in contact with organic material or ammonium compounds. Substances are liable to exothermic decomposition at elevated temperatures. This condition may lead to fire or explosion. Decomposition can be initiated by heat or by impurities (e.g. powdered metals (iron, manganese, cobalt, magnesium) and their compounds). Liable to heat slowly. Reacts with acids, evolving chlorine, an irritating, corrosive and toxic gas. In the presence of moisture, corrosive to most metals. Dust irritates mucous membranes.	2208
T1	T4	TP1	F-A, S-B	Category A.	Colourless, clear liquid, with a suffocating pungent odour. Usually stabilized with methyl alcohol. Miscible with water. Causes burns to skin, eyes and mucous membranes.	2209
–	T1	TP33	F-G, <u>S-L</u>	Category A. "Away from" foodstuffs.	Yellow powder, liable to heat and to ignite spontaneously in air. May evolve toxic, irritating or flammable fumes when wet, when involved in a fire or in contact with acids. Used as fungicide.	2210
–	T1 BK2	TP33	F-A, S-I	Category E. Shaded from radiant heat and protected from sparks and open flame. When stowed under-deck, mechanical ventilation shall be in accordance with SOLAS regulation II-2/19 (II-2/54) for flammable liquids with flashpoint below 23°C (c.c.). Segregation as for class 3 but "Separated from" class 1 except division 1.4S.	A moulding material in bead or granular form consisting predominantly of polystyrene, poly(methyl methacrylate) or other polymeric material and containing 5% to 8% of a volatile hydrocarbon which is predominantly pentane. During storage a small proportion of this pentane is released to the atmosphere; this proportion increases at elevated temperatures. Where the substance is loaded in a closed freight container or vehicle, special attention should be paid to the requirements of 7.4.2.5.2.	2211

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc- tions	Provisions	Instruc- tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2212	BLUE ASBESTOS (crocidolite) or BROWN ASBESTOS (amosite, mysorite)	9	–	II	168	1 kg	P002	PP37	IBC08	B2 B4
2213	PARAFORMALDEHYDE	4.1	–	III	–	5 kg	P002 LP02	PP12	IBC08	B3
2214	PHTHALIC ANHYDRIDE with more than 0.05% of maleic anhydride	8	–	III	169 939	5 kg	P002 LP02	–	IBC08	B3
2215	MALEIC ANHYDRIDE	8	–	III	–	5 kg	P002	–	IBC08	B3
2215	MALEIC ANHYDRIDE, MOLTEN	8	–	III	–	None	–	–	–	–
2216	FISHMEAL (FISHSCRAP), STABILIZED Anti-oxidant treated. Moisture content greater than 5% but not exceeding 12% by mass. Fat content not more than 15%.	9	–	III	29 117 300 308 907 928 945	None	P900	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters. "Away from" foodstuffs.	Mineral fibres of varying length. Non-combustible. Inhalation of the dust of asbestos fibres is dangerous and therefore exposure should be avoided at all times. Always prevent the generation of asbestos dust. Crocidolite (blue asbestos) should be regarded as the most hazardous type of asbestos. A safe level of airborne concentration of asbestos fibres may be obtained through effective packing. Cargo spaces or freight containers that have contained any type of raw asbestos should be carefully cleaned before discharging any remaining cargo, loading other cargo or carrying out repair or maintenance work. Whenever possible, cleaning of cargo spaces should be carried out whilst the ship is in a port where proper facilities and equipment, including proper respiratory apparatus and protective clothing, is available. Parts of the body that may have been exposed should be immediately and thoroughly washed. All waste material should be collected in impermeable and sealed bags for safe disposal ashore. If cleaning cannot be carried out at the discharge port, arrangements should be made in advance for cleaning to be carried out at the next port where necessary facilities are available. If cleaning of cargo spaces must be carried out at sea, the safety procedures followed and standard of equipment used must be at least as effective as those which would be employed in a port. Until such cleaning is undertaken, the cargo spaces in which the asbestos has been carried should be closed and access to those spaces should be prohibited.	2212
–	T1 BK2	TP33	F-A, S-G	Category A.	White powder with a pungent odour. Evolves formaldehyde, particularly when heated, which is irritating to eyes and mucous membranes.	2213
T3	T1	TP33	F-A, S-B	Category A.	White powder or flakes and lumps containing a high proportion of dust. Melting point: 131°C. The vapour of the molten substance has a flashpoint of 152°C c.c. and forms a flammable atmosphere with explosive limits of 1.7% to 10.4%. Causes burns to skin, eyes and mucous membranes. May be carried in the molten state. The molten substance can cause severe skin burns.	2214
T3	T1	TP33	F-A, S-B	Category A.	White powder, needles, flakes, pellets, rods, briquettes, lumps or fused mass. Melting point: about 53°C. Fumes and dust are irritating to skin, eyes and mucous membranes. Inhalation can cause respiratory trouble.	2215
T3	T4	TP3	F-A, S-B	Category A.	Melting point: about 53°C. The vapour of the molten substance has a flashpoint of 103°C c.c. and forms a flammable atmosphere with explosive limits of 1.4% to 7.1%. Fumes are irritating to skin, eyes and mucous membranes.	2215
–	T1 BK2	TP33	F-A, S-J	Category B. "Separated from" class 6.2. "Separated by a complete compartment or hold" from class 1 except division 1.4. For special stowage provisions, see 7.1.10.3.	Brown to greenish-brown product obtained through heating and drying of oily fish. Strong odour which may affect other cargo. Liable to heat spontaneously unless of low fat content or effectively anti-oxidant treated.	2216

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2217	SEED CAKE with not more than 1.5% oil and not more than 11% moisture	4.2	–	III	29 117 142	None	P002 LP02	PP20	IBC08	B3 B6
2218	ACRYLIC ACID, STABILIZED	8	3	II	–	1 ℓ	P001	–	IBC02	–
2219	ALLYL GLYCIDYL ETHER	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2222	ANISOLE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2224	BENZONITRILE	6.1	–	II	–	100 ml	P001	–	IBC02	–
2225	BENZENESULPHONYL CHLORIDE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2226	BENZOTRICHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
2227	BUTYL METHACRYLATE, STABILIZED	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2232	2-CHLOROETHANAL	6.1	–	I	–	None	P001	–	–	–
2233	CHLOROANISIDINES	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2234	CHLOROBENZOTRIFLUORIDES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2235	CHLOROBENZYL CHLORIDES, LIQUID	6.1	– P	III	–	5 ℓ	P001 LP01	–	IBC03	–
2236	3-CHLORO-4-METHYLPHENYL ISOCYANATE, LIQUID	6.1	–	II	–	100 ml	P001	–	IBC02	–
2237	CHLORONITROANILINES	6.1	– P	III	–	5 kg	P002 LP02	–	IBC08	B3
2238	CHLOROTOLUENES	3	– •	III	–	5 ℓ	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	BK2	–	F-A, S-J	Category A. Keep dry. Surface ventilation is required to assist in removing any residual solvent vapour. The cargo shall be stowed "Away from" pipes and bulkheads which are liable to become heated (e.g. engine-room bulkhead).	Residue remaining after oil has been extracted by a solvent process from oil-bearing seeds. Used mainly as an animal feed or fertilizer. The most common seed cakes include those derived from coconut (copra), cottonseed, groundnut (peanut), linseed, maize (hominy chop), niger seed, palm kernel, rape seed, rice bran, soya bean and sunflower seed and they may be shipped in the form of cake, flakes, pellets, meal, etc. May self-heat slowly if wet and ignite spontaneously. Before shipment, this cargo should be properly aged. The duration of aging varies with the oil content. The seed cake should be substantially free from flammable solvent. Smoking and the use of naked lights should not be allowed during loading and unloading, and on entry to cargo spaces at any other time.	2217
T4	T7	TP2	F-E, S-C	Category C. Shade from radiant heat. Clear of living quarters.	Colourless, flammable liquid with an acrid odour. Melting point: 13°C. Flashpoint: 54°C o.c. Miscible with water. May polymerize violently, which may cause fire and explosion unless properly stabilized. Harmful if swallowed or by inhalation. Corrosive to skin, eyes and mucous membranes.	2218
T3	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 48°C c.c. Miscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2219
T1	T2	TP1	F-E, S-D	Category A.	Colourless to yellow liquid. Flashpoint: 41°C c.c. Explosive limits: 0.3% to 6.3%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2222
–	T7	TP2	F-A, S-A	Category A. Clear of living quarters. "Separated from" acids.	Colourless liquid with an odour similar to oil of bitter almonds. Reacts with acids, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by inhalation.	2224
–	T4	TP1	F-A, S-B	Category A. Clear of living quarters.	Colourless to slightly yellow liquid with a pungent odour. Melting point: 12°C. Immiscible with water. Decomposes slowly in water. Harmful if swallowed or by skin contact. Highly irritating to skin, eyes and mucous membranes.	2225
–	T7	TP2	F-A, S-B	Category A. Clear of living quarters.	Colourless to slightly yellow or brown fuming liquid. Reacts with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, corrosive to most metals. Harmful if swallowed, by skin contact or by inhalation. Burns skin and eyes. Vapour irritates eyes and mucous membranes.	2226
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 41°C c.c. Explosive limits: 2% to 8%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2227
–	T14	TP2 TP13	F-A, S-A	Category D. Clear of living quarters.	Clear colourless liquid with a pungent odour. Miscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	2232
–	T1	TP33	F-A, S-A	Category A.	Crystalline solid. Melting point: 52°C. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2233
T1	T2	TP1	F-E, S-D	Category A. Clear of living quarters.	Colourless liquids with an aromatic odour. Flashpoint: 36°C to 59°C c.c. On contact with moisture, can evolve hydrogen fluoride, which is a toxic and corrosive gas. Harmful by inhalation.	2234
–	T4	TP1	F-A, S-A	Category A.	Colourless liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2235
–	–	–	F-A, S-A	Category B. Clear of living quarters.	Colourless liquid with a pungent odour. Immiscible with water. Reacts with water, evolving carbon dioxide. Toxic if swallowed, by skin contact or by inhalation.	2236
–	T1	TP33	F-A, S-A	Category A.	Yellow or orange crystalline powders or needles. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2237
T1	T2	TP1	F-E, S-D	Category A.	Colourless to brown liquids. Flashpoint: 43°C to 47°C c.c. Immiscible with water. When involved in a fire, evolve toxic gases. Harmful by skin contact or by inhalation. Irritating to eyes and mucous membranes.	2238

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2239	CHLOROTOLUIDINES, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2240	CHROMOSULPHURIC ACID	8	–	I	–	None	P001	–	–	–
2241	CYCLOHEPTANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2242	CYCLOHEPTENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2243	CYCLOHEXYL ACETATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2244	CYCLOPENTANOL	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2245	CYCLOPENTANONE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2246	CYCLOPENTENE	3	–	II	–	1 ℓ	P001	–	IBC02	B8
2247	DECANE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2248	DI- <i>n</i> -BUTYLAMINE	8	3	II	–	1 ℓ	P001	–	IBC02	–
2249	DICHLORODIMETHYL ETHER, SYMMETRICAL	6.1	3	I	76	None	P099	–	–	–
2250	DICHLOROPHENYL ISOCYANATES	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2251	BICYCLO[2.2.1]HEPTA-2,5-DIENE, STABILIZED (2,5-NORBORNADIENE, STABILIZED)	3	–	II	–	1 ℓ	P001	–	IBC02	–
2252	1,2-DIMETHOXYETHANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2253	<i>N,N</i> -DIMETHYLANILINE	6.1	–	II	–	100 ml	P001	–	IBC02	–
2254	MATCHES, FUSEE	4.1	–	III	293	5 kg	P407	–	–	–
2256	CYCLOHEXENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2257	POTASSIUM	4.3	–	I	–	None	P403	PP31	IBC04	B1
2258	1,2-PROPYLENEDIAMINE	8	3	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T1	TP33	F-A, S-A	Category A.	Crystalline solids. Some isomers may melt at low temperature: melting range between 0°C and 24°C. Toxic if swallowed, by skin contact or by inhalation.	2239
TP28	T10	TP2 TP12 TP13	F-A, S-B	Category B. Clear of living quarters. Segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	A liquid mixture of sulphuric acid and a chromium compound (e.g. chromium trioxide or sodium dichromate) and sometimes also water. Highly corrosive to most metals. Causes severe burns to skin, eyes and mucous membranes.	2240
T1	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Oily liquid. Immiscible with water. Narcotic.	2241
T3	T4	TP1	F-E, S-D	Category B.	Oily liquid. Immiscible with water.	2242
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 56°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2243
T1	T2	TP1	F-E, S-D	Category A.	Colourless, oily liquid. Flashpoint: 51°C c.c. Immiscible with water.	2244
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 31°C c.c. Immiscible with water.	2245
–	T7	TP2	F-E, S-D	Category E.	Colourless liquid. Flashpoint: –30°C c.c. Boiling point: 44°C. Immiscible with water. Irritating to skin, eyes and mucous membranes. Narcotic.	2246
T1	T2	TP1	F-E, S-E	Category A.	Colourless liquid. Flashpoint: 47°C c.c. Explosive limits: 0.6% to 5.5%. Immiscible with water.	2247
T4	T7	TP2	F-E, S-C	Category A.	Colourless, flammable liquid with an amine odour. Flashpoint: 39°C c.c. Partially miscible with water. Decomposes when heated, evolving flammable and toxic gases. Liquid is corrosive to skin, eyes and mucous membranes. Vapour irritates mucous membranes.	2248
–	–	–	F-E, S-D	Category D. Clear of living quarters.	Colourless, volatile, flammable liquid. Flashpoint: 42°C c.c. Immiscible with water. Decomposed by heat and water. Highly toxic if swallowed, by skin contact or by inhalation. The transport of this substance is prohibited except with special authorization granted by the competent authorities.	2249
–	T3	TP33	F-A, S-A	Category B. Shaded from radiant heat. Clear of living quarters.	Colourless to yellowish crystalline solid with an irritating odour. Insoluble in water. Reacts with water, evolving carbon dioxide. Toxic if swallowed, by skin contact or by inhalation. May be carried in the molten state.	2250
–	T7	TP2	F-E, S-D	Category D.	Colourless, volatile liquid. Flashpoint: below –18°C c.c. Explosive limits: 1.7% to 6.3%. Immiscible with water.	2251
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid with an ethereal odour. Flashpoint: 1°C c.c. Miscible with water.	2252
T4	T7	TP2	F-A, S-A	Category A.	Yellowish to brownish oily liquid. Combustible. Toxic if swallowed, by skin contact or by inhalation.	2253
–	–	–	F-A, S-I	Category A.	Matches, the heads of which are prepared with a friction-sensitive igniter composition and a pyrotechnic composition which burns with little or no flame, but with intense heat, regardless of wind or other weather conditions.	2254
T3	T4	TP1	F-E, S-D	Category E.	Colourless liquid with an aromatic odour. Immiscible with water. Slightly irritating to skin, eyes and mucous membranes.	2256
–	T9	TP7 TP33	F-G, S-N	Category D. "Separated from" acids.	Soft, silvery metal, solid or liquid. Floats on water. Reacts violently with moisture, water or acids, evolving hydrogen, which may be ignited by the heat of the reaction. Highly reactive, sometimes with explosive effect.	2257
–	T7	TP2	F-E, S-C	Category A. Clear of living quarters.	Colourless, flammable liquids, with an ammoniacal odour. Flashpoint range: 33°C to 48°C c.c. Miscible with water. When involved in a fire, evolves toxic gases. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	2258

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2259	TRIETHYLENETETRAMINE	8	–	II	–	1 ℓ	P001	–	IBC02	–
2260	TRIPROPYLAMINE	3	8	III	–	5 ℓ	P001	–	IBC03	–
2261	XYLENOLS, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2262	DIMETHYLCARBAMOYL CHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
2263	DIMETHYLCYCLOHEXANES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2264	N,N-DIMETHYLCYCLOHEXYLAMINE	8	3	II	–	1 ℓ	P001	–	IBC02	–
2265	N,N-DIMETHYLFORMAMIDE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2266	N,N-DIMETHYLPROPYLAMINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
2267	DIMETHYL THIOPHOSPHORYL CHLORIDE	6.1	8	II	–	100 ml	P001	–	IBC02	–
2269	3,3'-IMINODIPROPYLAMINE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2270	ETHYLAMINE, AQUEOUS SOLUTION with not less than 50% but not more than 70% ethylamine	3	8	II	–	1 ℓ	P001	–	IBC02	–
2271	ETHYL AMYL KETONES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2272	N-ETHYLANILINE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2273	2-ETHYLANILINE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2274	N-ETHYL-N-BENZYLANILINE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2275	2-ETHYLBUTANOL	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2276	2-ETHYLHEXYLAMINE	3	8	III	–	5 ℓ	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
T4	T7	TP2	F-A, S-B	Category B. Clear of living quarters. "Separated from" acids.	Moderately viscous, yellow combustible liquid with an ammoniacal odour. Miscible with water. Strongly alkaline. Can form explosive mixtures with nitric acid. When involved in a fire, evolves toxic gases. Corrosive to copper and copper alloys. Reacts violently with acids. Liquid and vapours cause burns to skin, eyes and mucous membranes. Causes skin allergy.	2259
-	T4	TP1	F-E, S-C	Category A. Clear of living quarters.	Colourless liquid. Flashpoint: 35°C c.c. Partially miscible with water. When involved in a fire, evolves toxic gases. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	2260
-	T3	TP33	F-A, S-A	Category A.	Crystals or needles. Toxic if swallowed, by skin contact or by inhalation.	2261
T4	T7	TP2	F-A, S-B	Category A. Clear of living quarters.	Colourless to yellow liquid with a pungent odour. Immiscible with water. Reacts with water, evolving toxic and corrosive fumes. Causes tears. Causes burns to skin, eyes and mucous membranes.	2262
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquids. Flashpoint: 5°C to 16°C c.c. Immiscible with water.	2263
T4	T7	TP2	F-E, S-C	Category A. Clear of living quarters.	Colourless, flammable liquid. Flashpoint: 43°C c.c. Partially miscible with water. Causes burns to skin, eyes and mucous membranes.	2264
T1	T2	TP2	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 58°C c.c. Explosive limits: 2.2% to 16%. Miscible with water. May react violently with oxidizing materials.	2265
-	T7	TP2 TP13	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid with a fishy odour. Flashpoint: -11°C c.c. Miscible with water. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes.	2266
T3	T7	TP2	F-A, S-B	Category B. Shaded from radiant heat.	Colourless, combustible liquid with a pungent odour. Reacts slowly with water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. May decompose above 60°C, evolving flammable gases. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2267
-	T4	TP2	F-A, S-B	Category A.	Colourless combustible liquid. Miscible with water. Harmful if swallowed or by inhalation. Corrosive to skin, eyes and mucous membranes.	2269
-	T7	TP1	F-E, S-C	Category B. Clear of living quarters. "Separated from" acids.	Aqueous solution of a flammable gas with an ammonia-like odour. Explosive limits: 3.5% to 14%. ETHYLAMINE SOLUTION, concentration 50%: flashpoint -11°C c.c.; boiling point 56°C. Pure ETHYLAMINE: boiling point 17°C. Miscible with water. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	2270
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids. Vapour is much heavier than air (4.4). ETHYL <i>normal</i> -AMYL KETONE: flashpoint 43°C c.c. ETHYL <i>secondary</i> -AMYL KETONE: flashpoint 57°C c.c. Immiscible with water. Dissolves some types of plastics. Irritating to skin, eyes and mucous membranes.	2271
T2	T4	TP1	F-A, S-A	Category A. "Separated from" acids and class 5.1.	Colourless to yellowish oily liquid. Reacts with acids, evolving highly toxic fumes of aniline and oxides of nitrogen. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	2272
T2	T4	TP1	F-A, S-A	Category A. "Separated from" acids and class 5.1.	Brown liquid. Immiscible with water. Reacts with acids, evolving highly toxic fumes of aniline and oxides of nitrogen. Reacts violently with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	2273
T2	T4	TP1	F-A, S-A	Category A.	Light yellow, oily liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2274
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 57°C o.c. Immiscible with water.	2275
T2	T4	TP1	F-E, S-C	Category A. Clear of living quarters.	Colourless liquid. Flashpoint: 50°C c.c. Miscible with water. Irritating to skin, eyes and mucous membranes.	2276

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2277	ETHYL METHACRYLATE, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
2278	HEPTENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2279	HEXACHLOROBUTADIENE	6.1	– PP	III	–	500 mL	P001 LP01	–	IBC03	–
2280	HEXAMETHYLENEDIAMINE, MOLTEN	8	–	III	–	None	–	–	–	–
2280	HEXAMETHYLENEDIAMINE, SOLID	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2281	HEXAMETHYLENE DIISOCYANATE	6.1	–	II	–	100 mL	P001	–	IBC02	–
2282	HEXANOLS	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2283	ISOBUTYL METHACRYLATE, STABILIZED	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2284	ISOBUTYRONITRILE	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
2285	ISOCYANATOBENZOTRIFLUORIDES	6.1	3	II	–	100 mL	P001	–	IBC02	–
2286	PENTAMETHYLHEPTANE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2287	ISOHEPTENES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2288	ISOHEXENES	3	–	II	–	1 ℓ	P001	–	IBC02	B8
2289	ISOPHORONEDIAMINE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2290	ISOPHORONE DIISOCYANATE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2291	LEAD COMPOUND, SOLUBLE, N.O.S.	6.1	– P	III	199	5 kg	P002 LP02	–	IBC08	B3
2293	4-METHOXY-4-METHYLPENTAN-2-ONE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2294	N-METHYLANILINE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2295	METHYL CHLOROACETATE	6.1	3	I	–	None	P001	–	–	–
2296	METHYLCYCLOHEXANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2297	METHYLCYCLOHEXANONES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2298	METHYLCYCLOPENTANE	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a pungent odour. Flashpoint: 20°C o.c. Explosive limits: 1.8% to ... Immiscible with water. Irritating to skin, eyes and mucous membranes.	2277
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: –3°C c.c. Immiscible with water.	2278
T3	T4	TP1	F-A, S-A	Category A.	Colourless liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2279
–	T4	TP1	F-A, S-B	Category A. Keep as cool as reasonably practicable.	White crystals or shiny flakes with a specific odour. Melting point: 29°C. Soluble in water; solution in water is a strong alkali. Decomposes when heated, evolving flammable and toxic gases. Causes burns to skin, eyes and mucous membranes.	2280
–	T1	TP33	F-A, S-B	Category A. Keep as cool as reasonably practicable.	See entry above.	2280
–	T7	TP2 TP13	F-A, S-A	Category C. Keep as dry as reasonably practicable. Clear of living quarters.	Colourless to light yellow liquid with a pungent odour. Immiscible with water but reacts with it, evolving heat and carbon dioxide gas. When heated, evolves toxic nitrous fumes. Toxic if swallowed, by skin contact or by inhalation.	2281
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids. <i>normal</i> -HEXANOL: flashpoint 57°C c.c. Miscible with water.	2282
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 49°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2283
–	T7	TP2 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid. Flashpoint: 8°C c.c. Immiscible with water. Toxic by skin contact or by inhalation.	2284
–	T7	TP2	F-E, S-D	Category D. Shaded from radiant heat. Clear of living quarters.	Colourless or yellowish liquids with a pungent odour. Flashpoint of <i>ortho</i> - and <i>meta</i> -isomers: 56°C. Immiscible with water, but reacts with it to form carbon dioxide gas. Toxic if swallowed, by skin contact or by inhalation.	2285
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 43°C c.c. Immiscible with water.	2286
T3	T4	TP1	F-E, S-D	Category B.	Colourless liquids. Immiscible with water.	2287
–	T11	TP1	F-E, S-D	Category E.	Colourless liquids. Boiling range: 54°C to 69°C. Immiscible with water.	2288
–	T4	TP1	F-A, S-B	Category A.	Colourless, slightly hygroscopic liquid with a slight amine odour. Combustible. Miscible with water. Harmful if swallowed. Irritating to skin, eyes and mucous membranes.	2289
–	T4	TP2	F-A, S-A	Category B. Clear of living quarters.	Colourless or yellowish liquid. Immiscible with water. When involved in a fire, evolves nitrous fumes. Toxic if swallowed, by skin contact or by inhalation.	2290
–	T1	TP33	F-A, S-A	Category A.	Colourless crystals or powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2291
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 49°C c.c. Immiscible with water.	2293
T3	T4	TP1	F-A, S-A	Category A.	Colourless to brown combustible liquid. Toxic if swallowed, by skin contact or by inhalation.	2294
TP27	T14	TP2 TP13	F-E, S-D	Category D.	Colourless, flammable liquid with a pungent odour. Flashpoint: 47°C c.c. Vapour much heavier than air (vapour density relative to air: 3.8). Immiscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	2295
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: –4°C c.c. Explosive limits: 1.2% to 6.7%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2296
T1	T2	TP1	F-E, S-D	Category A.	Colourless to pale yellow liquids with a sweet odour. 2-METHYLCYCLOHEXANONE: flashpoint 46°C c.c. 3-METHYLCYCLOHEXANONE: flashpoint 51°C c.c. 4-METHYLCYCLOHEXANONE: flashpoint 40°C c.c. Immiscible with water.	2297
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: below –10°C c.c. Explosive limits: 1% to 8.4%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2298

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2299	METHYL DICHLOROACETATE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2300	2-METHYL-5-ETHYLPYRIDINE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2301	2-METHYLFURAN	3	–	II	–	1 ℓ	P001	–	IBC02	–
2302	5-METHYLHEXAN-2-ONE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2303	ISOPROPENYLBENZENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2304	NAPHTHALENE, MOLTEN	4.1	–	III	–	None	–	–	–	–
2305	NITROBENZENESULPHONIC ACID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2306	NITROBENZOTRIFLUORIDES, LIQUID	6.1	– P	II	–	100 ml	P001	–	IBC02	–
2307	3-NITRO-4-CHLOROBENZOTRIFLUORIDE	6.1	– P	II	–	100 ml	P001	–	IBC02	–
2308	NITROSYLSULPHURIC ACID, LIQUID	8	–	II	–	1 ℓ	P001	–	IBC02	B20
2309	OCTADIENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2310	PENTANE-2,4-DIONE	3	6.1	III	–	5 ℓ	P001	–	IBC03	–
2311	PHENETIDINES	6.1	–	III	279	5 ℓ	P001 LP01	–	IBC03	–
2312	PHENOL, MOLTEN	6.1	–	II	–	None	–	–	–	–
2313	PICOLINES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2315	POLYCHLORINATED BIPHENYLS, LIQUID	9	– PP	II	305 908	500 ml	P906	–	IBC02	–
2316	SODIUM CUPROCYANIDE, SOLID	6.1	– PP	I	–	None	P002	–	IBC07	B1
2317	SODIUM CUPROCYANIDE SOLUTION	6.1	– PP	I	–	None	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T1	T4	TP1	F-A, S-A	Category A.	Liquid. Toxic if swallowed, by skin contact or by inhalation.	2299
T3	T4	TP1	F-A, S-A	Category A.	Colourless liquid with a pungent odour. Toxic if swallowed, by skin contact or by inhalation.	2300
T3	T4	TP1	F-E, S-D	Category E.	Colourless liquid with a sweetish odour. Flashpoint: -30°C c.c. Immiscible with water. When involved in a fire, evolves toxic gases. Harmful if swallowed or by inhalation. Irritating to skin, eyes and mucous membranes.	2301
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 43°C c.c. Immiscible with water.	2302
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 38°C to 54°C c.c. Explosive limits: 0.7% to 6.6%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2303
T4	T1	TP3	F-A, S-H	Category C.	Molten liquid with a persistent odour. Melting point: 80°C. Evolves flammable vapours. As the melting point of naphthalene approximates very closely its flashpoint, care should be taken to avoid all possible causes of ignition. Contact between water and molten naphthalene above 110°C must be avoided, as the addition of water will cause violent foaming or even an explosion.	2304
-	T3	TP33	F-A, S-B	Category A.	Crystals. Soluble in water. Causes burns to skin, eyes and mucous membranes.	2305
T4	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Pale straw-coloured, oily liquids with an aromatic odour. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2306
T4	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Yellowish, oily liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2307
TP28	T8	TP2 TP12	F-A, S-B	Category D. Clear of living quarters. Segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	Clear, straw-coloured, oily liquid. Oxidant which may cause fire with organic materials (such as wood, straw, etc.) When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2308
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 9°C to 15°C c.c. Immiscible with water.	2309
T1	T4	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 34°C c.c. Explosive limits: 1.7% to ... Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2310
T3	T4	TP1	F-A, S-A	Category A.	Colourless to yellowish liquids. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2311
T4	T7	TP3	F-A, S-A	Category B. Clear of living quarters.	Molten liquid with a distinctive strong odour. Melting point: 10°C to 43°C (pure product). Toxic if swallowed, by skin contact or by inhalation. Rapidly absorbed through the skin.	2312
-	T4	TP1	F-E, S-D	Category A. Clear of living quarters.	Colourless to yellow liquids with a pungent or sweet odour. Explosive limits: 1.3% to 8.7%. Miscible with water. Harmful by inhalation. <i>alpha</i> -Picoline flashpoint: 28°C c.c. <i>beta</i> -Picoline flashpoint: 40°C c.c. <i>gamma</i> -picoline flashpoint 40°C c.c. Irritating to skin, eyes and mucous membranes.	2313
-	T4	TP1	F-A, S-A	Category A. "Separated from" foodstuffs.	Colourless liquids (pure product) with perceptible odours. Immiscible with water. Harmful by ingestion or by skin contact. If spilled can be a persistent hazard to the environment. This entry also covers articles, such as transformers and condensers, containing free liquid polychlorinated biphenyls.	2315
-	T6	TP33	F-A, S-A	Category A. "Separated from" acids.	White powder. Soluble in water. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed, by skin contact or by dust inhalation.	2316
T4	T14	TP2 TP13	F-A, S-A	Category B. Clear of living quarters. "Separated from" acids.	Colourless liquid. Miscible with water. Decomposed by acids, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed, by skin contact or by inhalation.	2317

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2318	SODIUM HYDROSULPHIDE with less than 25% water of crystallization	4.2	–	II	–	None	P410	PP31	IBC06	B2
2319	TERPENE HYDROCARBONS, N.O.S.	3	– •	III	944	5 ℓ	P001 LP01	–	IBC03	–
2320	TETRAETHYLENEPENTAMINE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2321	TRICHLOROBENZENES, LIQUID	6.1	– P	III	–	5 ℓ	P001 LP01	–	IBC03	–
2322	TRICHLOROBUTENE	6.1	– P	II	–	100 ml	P001	–	IBC02	–
2323	TRIETHYL PHOSPHITE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2324	TRIISOBUTYLENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2325	1,3,5-TRIMETHYLBENZENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2326	TRIMETHYLCYCLOHEXYLAMINE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2327	TRIMETHYLHEXAMETHYLENEDIAMINES	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2328	TRIMETHYLHEXAMETHYLENE DIISOCYANATE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2329	TRIMETHYL PHOSPHITE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2330	UNDECANE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2331	ZINC CHLORIDE, ANHYDROUS	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2332	ACETALDEHYDE OXIME	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2333	ALLYL ACETATE	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
2334	ALLYLAMINE	6.1	3	I	–	None	P602	–	–	–
2335	ALLYL ETHYL ETHER	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
2336	ALLYL FORMATE	3	6.1	I	–	None	P001	–	–	–
2337	PHENYL MERCAPTAN	6.1	3	I	–	None	P001	–	–	–
2338	BENZOTRIFLUORIDE	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-J	Category A. "Separated from" acids.	Colourless needles to lemon-coloured flakes. Soluble in water. Reacts violently with acids.	2318
T1	T4	TP1 TP29	F-E, S-D	Category A.	Colourless or yellowish liquids. Flashpoint: 32°C to 49°C c.c. Immiscible with water.	2319
T2	T4	TP1	F-A, S-B	Category A. "Separated from" acids.	Viscous liquid. Miscible with water. When involved in a fire, evolves toxic gases. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	2320
–	T4	TP1	F-A, S-A	Category A.	Colourless liquids. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2321
T4	T7	TP2	F-A, S-A	Category A. Shaded from radiant heat. Clear of living quarters.	Colourless liquid. Immiscible with water. When heated, develops toxic and irritant gases such as phosgene and hydrogen chloride and may also explode. Toxic if swallowed, by skin contact or by inhalation.	2322
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 44°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2323
T3	T4	TP1	F-E, S-D	Category A.	Colourless liquid. Immiscible with water.	2324
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 44°C c.c. Immiscible with water. Harmful by inhalation.	2325
T2	T4	TP1	F-A, S-B	Category A.	Colourless, slightly hygroscopic, combustible liquid with a slight amine odour. Immiscible with water. Causes burns to skin, eyes and mucous membranes.	2326
T3	T4	TP1	F-A, S-B	Category A.	Colourless, slightly hygroscopic, combustible liquids. Miscible with water. Irritating to skin, eyes and mucous membranes.	2327
–	T4	TP2 TP13	F-A, S-A	Category B.	Colourless or yellowish liquid. Reacts with water, evolving carbon dioxide. Toxic if swallowed, by skin contact or by inhalation.	2328
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 23°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2329
T1	T2	TP1	F-E, S-E	Category A.	Colourless liquid. Flashpoint: 60°C c.c. Immiscible with water.	2330
–	T1	TP33	F-A, S-B	Category A.	White, deliquescent crystals. Soluble in water. Dust causes burns to skin, eyes and mucous membranes.	2331
–	T4	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 40°C c.c. Explosive limits: 4.2% to 52%. Freezing point 12°C. Miscible with water. Irritating to skin, eyes and mucous membranes.	2332
T4	T7	TP1 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid. Flashpoint: 7°C c.c. Partially miscible with water. Toxic if swallowed, by skin contact or by inhalation. Harmful if swallowed.	2333
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless to light yellow volatile liquid with a pungent odour. Flashpoint: –29°C c.c. Explosive limits: 2.2% to 22%. Boiling range: 55°C to 58°C. Miscible with water. When involved in a fire, evolves highly toxic gases. Highly toxic if swallowed, by skin contact or by inhalation.	2334
T4	T7	TP1 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid. Flashpoint: –11°C c.c. Vapour heavier than air. Immiscible with water. Narcotic. Toxic if swallowed, by skin contact or by inhalation.	2335
T10	T14	TP2 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid. Immiscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	2336
T10	T14	TP2 TP13	F-E, S-D	Category B. Clear of living quarters. "Separated from" acids.	Colourless flammable liquid with a foul odour. Flashpoint: 50°C c.c. Immiscible with water. In contact with acids or when involved in a fire, evolves highly toxic sulphurous fumes. Highly toxic if swallowed, by skin contact or by inhalation.	2337
T2	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid with an aromatic odour. Flashpoint: 12°C c.c. Explosive limits: 2.1% to ... Immiscible with water. On contact with moisture or air evolves hydrogen fluoride, which is a toxic and corrosive gas. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2338

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2339	2-BROMOBUTANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2340	2-BROMOETHYL ETHYL ETHER	3	–	II	–	1 ℓ	P001	–	IBC02	–
2341	1-BROMO-3-METHYLBUTANE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2342	BROMOMETHYLPROPANES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2343	2-BROMOPENTANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2344	BROMOPROPANES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2344	BROMOPROPANES	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2345	3-BROMOPROPYNE	3	–	II	905	1 ℓ	P001	–	IBC02	–
2346	BUTANEDIONE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2347	BUTYL MERCAPTANS	3	–	II	–	1 ℓ	P001	–	IBC02	–
2348	BUTYL ACRYLATES, STABILIZED	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2350	BUTYL METHYL ETHER	3	–	II	–	1 ℓ	P001	–	IBC02	–
2351	BUTYL NITRITES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2351	BUTYL NITRITES	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2352	BUTYL VINYL ETHER, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
2353	BUTYRYL CHLORIDE	3	8	II	–	1 ℓ	P001	–	IBC02	B20
2354	CHLOROMETHYL ETHYL ETHER	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
2356	2-CHLOROPROPANE	3	–	I	–	None	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
T1	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid with a pleasant odour. Flashpoint: 21°C c.c. Immiscible with water. When involved in a fire evolves toxic fumes. Narcotic.	2339
T3	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid with an ethereal odour. Partially miscible with water. Harmful by inhalation.	2340
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 23°C to 32°C c.c. Immiscible with water.	2341
T3	T4	TP1	F-E, S-D	Category B.	Colourless liquids. Immiscible with water. Harmful by inhalation.	2342
T1	T4	TP1	F-E, S-D	Category B.	Colourless or yellow liquid with a strong odour. Flashpoint: 21°C c.c. Immiscible with water. Harmful by inhalation.	2343
-	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless liquids. Immiscible with water. When involved in a fire, evolve toxic fumes. Harmful by inhalation.	2344
T4	T2	TP1	F-E, S-D	Category A.	See entry above.	2344
-	T4	TP1	F-E, S-D	Category D. Clear of living quarters.	Colourless to light amber liquid with a sharp odour. Flashpoint: 10°C c.c. Explosive limits: 3% to ... Vapour much heavier than air (4.1). The pure product is shock sensitive and decomposes with explosive violence and the possibility of detonation, when heated under confinement. Can be ignited by impact. Immiscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes. Causes tears.	2345
T1	T4	TP1	F-E, S-D	Category B.	Greenish-yellow liquid with a strong odour. Flashpoint: 6°C c.c. Miscible with water.	2346
-	T4	TP1	F-E, S-D	Category B. "Separated from" acids. "Separated from" foodstuffs and all other odour-absorbing cargoes.	Colourless liquids with a foul odour. <i>tertiary</i> -BUTYL MERCAPTAN: flashpoint -26°C c.c. <i>secondary</i> -BUTYL MERCAPTAN: flashpoint -23°C c.c. 1-BUTANETHIOL (<i>normal</i> -BUTYL MERCAPTAN): flashpoint 12°C c.c. ISOBUTYL MERCAPTAN: flashpoint -9°C c.c. Immiscible with water. On contact with acids emit highly toxic fumes.	2347
T4	T2	TP1	F-E, S-D	Category A.	Colourless liquid with an unpleasant odour. Flashpoint: 36°C to 41°C c.c. Explosive limits: 1.2% to 9.9%. Immiscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2348
-	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Immiscible with water.	2350
-	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Yellowish, volatile, oily liquids. Partially miscible with water. Decompose on exposure to air, light, water or heat, evolving toxic nitrous fumes. Harmful by inhalation.	2351
T4	T2	TP1	F-E, S-D	Category A. Clear of living quarters.	See entry above.	2351
T3	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless, volatile liquid with a sharp ethereal odour. Flashpoint: -9°C c.c. Immiscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2352
-	T8	TP2 TP12 TP13	F-E, S-C	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2353
T4	T7	TP1 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid with a pungent odour. Partially miscible with water. Fumes in air, evolving hydrogen chloride, which is an irritating and corrosive gas. Toxic by inhalation. Strong lachrymator.	2354
T7	T11	TP2 TP13	F-E, S-D	Category E.	Colourless liquid. Flashpoint: -32°C c.c. Explosive limits: 2.8% to 10.7%. Boiling point: 35°C. Immiscible with water. On contact with heat or flame, emits highly toxic phosgene gas. Can react vigorously with oxidizing materials.	2356

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2357	CYCLOHEXYLAMINE	8	3	II	–	1 ℓ	P001	–	IBC02	–
2358	CYCLOOCTATETRAENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2359	DIALLYLAMINE	3	6.1/8	II	–	1 ℓ	P001	–	IBC99	–
2360	DIALLYL ETHER	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
2361	DIISOBUTYLAMINE	3	8	III	–	5 ℓ	P001	–	IBC03	–
2362	1,1-DICHLOROETHANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2363	ETHYL MERCAPTAN	3	– P	I	–	None	P001	–	–	–
2364	PROPYLBENZENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2366	DIETHYL CARBONATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2367	<i>alpha</i> -METHYLVALERALDEHYDE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2368	<i>alpha</i> -PINENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2370	1-HEXENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2371	ISOPENTENES	3	–	I	–	None	P001	–	–	–
2372	1,2-DI(DIMETHYLAMINO)ETHANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2373	DIETHOXYMETHANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2374	3,3-DIETHOXYPROPENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2375	DIETHYL SULPHIDE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2376	2,3-DIHYDROPYRAN	3	–	II	–	1 ℓ	P001	–	IBC02	–
2377	1,1-DIMETHOXYETHANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2378	2-DIMETHYLAMINOACETONITRILE	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
2379	1,3-DIMETHYLBUTYLAMINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
2380	DIMETHYLDIETHOXSILANE	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T7	TP2	F-E, S-C	Category A. Clear of living quarters.	Colourless or yellowish flammable liquid with a fishy odour. Flashpoint: 27°C c.c. Explosive limits: 0.5% to 21.7%. Miscible with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	2357
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Freezing point: –4°C. Immiscible with water.	2358
T4	T7	TP1	F-E, S-C	Category B. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	Colourless, volatile liquid with a disagreeable odour. Flashpoint: 7°C c.c. Partially miscible with water. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2359
T4	T7	TP1 TP13	F-E, S-D	Category E.	Colourless, volatile liquid with a perceptible odour. Flashpoint: –11°C c.c. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2360
–	T4	TP1	F-E, S-C	Category A.	Colourless liquid with a fishy odour. Flashpoint: 29°C c.c. Immiscible with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	2361
T3	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid with an aromatic, ethereal odour. Flashpoint: –10°C c.c. Explosive limits: 5.6% to ... Immiscible with water. When involved in a fire, emits toxic fumes of phosgene. Harmful by inhalation.	2362
–	T11	TP2 TP13	F-E, S-D	Category E. "Separated from" foodstuffs and all other odour-absorbing cargoes.	Volatile liquid with a strong unpleasant odour. Flashpoint: –45°C c.c. Explosive limits: 2.8% to 18.2%. Boiling point: 35°C. Immiscible with water.	2363
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 39°C c.c. Explosive limits: 0.8% to 6%. Immiscible with water.	2364
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 25°C to 31°C c.c. Vapour much heavier than air (4.1). Immiscible with water. Irritating to skin, eyes and mucous membranes.	2366
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 13°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2367
T1	T2	TP1	F-E, S-E	Category A.	Colourless liquid with an odour of turpentine. Flashpoint: 33°C c.c. Explosive limits: 0.8% to 6%. Immiscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2368
–	T4	TP1	F-E, S-D	Category E.	Colourless liquid. Explosive limits: 1.2% to 6.9%. Immiscible with water.	2370
–	T11	TP2	F-E, S-D	Category E.	Colourless, volatile liquid with a disagreeable odour. Flashpoint: below –18°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2371
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 21°C c.c. Miscible with water. Irritability to skin, eyes and mucous membranes.	2372
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: below –5°C c.c. Miscible with water.	2373
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 15°C c.c. Partially miscible with water. Harmful by inhalation.	2374
–	T7	TP1 TP13	F-E, S-D	Category E.	Colourless, volatile liquid with an odour of garlic. Flashpoint: –10°C c.c. Immiscible with water.	2375
T3	T4	TP1	F-E, S-D	Category B.	Colourless, volatile liquid with an ethereal odour. Flashpoint: –16°C c.c. Miscible with water.	2376
–	T7	TP1	F-E, S-D	Category B.	Colourless liquid with a strong aromatic odour. Miscible with water.	2377
T4	T7	TP1	F-E, S-D	Category A. Clear of living quarters. "Separated from" acids.	Colourless liquid. Flashpoint: 35°C c.c. Immiscible with water. On contact with water and acids, evolves toxic fumes. Toxic if swallowed, by skin contact or by inhalation.	2378
T4	T7	TP1	F-E, S-C	Category B. "Separated from" acids.	Colourless liquid with an ammonia-like odour. Flashpoint: 9°C to 13°C c.c. Immiscible with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes. Reacts violently with acids.	2379
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 13°C c.c. Miscible with water. Irritating to skin, eyes and mucous membranes.	2380

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2381	DIMETHYL DISULPHIDE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2382	DIMETHYLHYDRAZINE, SYMMETRICAL	6.1	3 P	I	–	None	P001	–	–	–
2383	DIPROPYLAMINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
2384	DIPROPYL ETHER	3	–	II	–	1 ℓ	P001	–	IBC02	–
2385	ETHYL ISOBUTYRATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2386	1-ETHYLPYPERIDINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
2387	FLUOROBENZENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2388	FLUOROTOLUENES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2389	FURAN	3	–	I	–	None	P001	–	–	–
2390	2-IODOBUTANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2391	IODOMETHYLPROPANES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2392	IODOPROPANES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2393	ISOBUTYL FORMATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2394	ISOBUTYL PROPIONATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2395	ISOBUTYRYL CHLORIDE	3	8	II	–	1 ℓ	P001	–	IBC02	–
2396	METHACRYLALDEHYDE, STABILIZED	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
2397	3-METHYLBUTAN-2-ONE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2398	METHYL BUTYL ETHER	3	–	II	–	1 ℓ	P001	–	IBC02	–
2399	1-METHYLPYPERIDINE	3	8	II	–	1 ℓ	P001	–	IBC02	–
2400	METHYL ISOVALERATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2401	PIPERIDINE	8	3	I	–	None	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Yellow liquid with an unpleasant odour. Flashpoint: 15°C c.c. Immiscible with water. When involved in a fire, evolves toxic gases. Harmful by inhalation.	2381
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters. "Separated from" class 5.1. "Separated from" acids.	Colourless, flammable, volatile liquid with an ammonia-like odour. Miscible with water. May react dangerously with oxidizing substances. Flashpoint: –17°C c.c. Highly toxic if swallowed, by skin contact or by inhalation. Reacts violently with acids.	2382
T4	T7	TP1	F-E, S-C	Category B.	Colourless liquid with a fishy odour. Flashpoint: 7°C c.c. Immiscible with water. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes.	2383
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint (pure product): –21°C c.c. Explosive limits: 1.7% to ... Immiscible with water.	2384
T1	T4	TP1	F-E, S-D	Category B.	Colourless, volatile liquid with an aromatic odour. Flashpoint: 21°C c.c. Immiscible with water.	2385
T4	T7	TP1	F-E, S-C	Category B. "Separated from" acids.	Colourless liquid. Flashpoint: 19°C c.c. Immiscible with water. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes. May cause lung damage. Reacts violently with acids.	2386
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a benzene odour. Flashpoint: –15°C c.c. Immiscible with water. Harmful by inhalation.	2387
–	T4	TP1	F-E, S-D	Category B.	Colourless liquids. <i>ortho</i> -FLUOROTOLUENE: flashpoint 9°C c.c. <i>meta</i> -FLUOROTOLUENE: flashpoint 12°C c.c. <i>para</i> -FLUOROTOLUENE: flashpoint 10°C c.c. Immiscible with water.	2388
T10	T12	TP2 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid with a strong odour. Flashpoint: below –18°C c.c. Explosive limits: 1.3% to 14.3%. Boiling point: 31°C. Immiscible with water. Harmful if swallowed, by skin contact or by inhalation.	2389
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 21°C c.c. Immiscible with water.	2390
–	T4	TP1	F-E, S-D	Category B.	Colourless liquids. Immiscible with water.	2391
T4	T2	TP1	F-E, S-D	Category A.	Colourless liquids. 1-IODOPROPANE: flashpoint 34°C c.c. 2-IODOPROPANE: flashpoint approx. 25°C c.c. Immiscible with water.	2392
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 5°C c.c. Explosive limits: 1.7% to 8%. Irritating to skin, eyes and mucous membranes.	2393
T3	T2	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 31°C c.c. Immiscible with water.	2394
–	T7	TP2	F-E, S-C	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2395
T4	T7	TP1 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid. Flashpoint: 2°C c.c. Miscible with water. Toxic by inhalation. Irritating to skin, eyes and mucous membranes.	2396
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: –3°C c.c. Explosive limits: 1.5% to 8%. Immiscible with water.	2397
–	T7	TP1	F-E, S-D	Category E.	Colourless liquid. Flashpoint: below –18°C c.c. Explosive limits: 1.7% to 8.4%. Boiling point: 55°C. Immiscible with water.	2398
T4	T7	TP1	F-E, S-C	Category B. "Separated from" acids.	Colourless liquid. Flashpoint: 3°C c.c. Miscible with water. Harmful by inhalation. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	2399
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Immiscible with water.	2400
–	T10	TP2	F-E, S-C	Category D. "Separated from" acids.	Colourless liquid with a fish-like odour. Miscible with water. Reacts violently with acids. Solution in water is a strong alkali and is corrosive. When involved in fire evolves toxic nitrous fumes.	2401

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2402	PROPANETHIOLS	3	–	II	–	1 ℓ	P001	–	IBC02	–
2403	ISOPROPENYL ACETATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2404	PROPIONITRILE	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
2405	ISOPROPYL BUTYRATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2406	ISOPROPYL ISOBUTYRATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2407	ISOPROPYL CHLOROFORMATE	6.1	3/8	I	–	None	P602	–	–	–
2409	ISOPROPYL PROPIONATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2410	1,2,3,6-TETRAHYDROPYRIDINE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2411	BUTYRONITRILE	3	6.1	II	–	1 ℓ	P001	–	IBC02	–
2412	TETRAHYDROTHIOPHENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2413	TETRAPROPYL ORTHOTITANATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2414	THIOPHENE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2416	TRIMETHYL BORATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2417	CARBONYL FLUORIDE	2.3	8	–	–	None	P200	–	–	–
2418	SULPHUR TETRAFLUORIDE	2.3	8	–	–	None	P200	–	–	–
2419	BROMOTRIFLUOROETHYLENE	2.1	–	–	–	None	P200	–	–	–
2420	HEXAFLUOROACETONE	2.3	8	–	–	None	P200	–	–	–
2421	NITROGEN TRIOXIDE	2.3	5.1/8	–	–	None	P200	–	–	–
2422	OCTAFLUOROBUT-2-ENE (REFRIGERANT GAS R 1318)	2.2	–	–	–	120 mL	P200	–	–	–
2424	OCTAFLUOROPROPANE (REFRIGERANT GAS R 218)	2.2	–	–	–	120 mL	P200	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T4	TP1 TP13	F-E, S-D	Category E. "Separated from" foodstuffs and all other odour-absorbing cargoes.	Colourless or yellowish liquids with a strong unpleasant odour. Flashpoint: below –18°C c.c. Boiling range: 53°C to 67°C. Immiscible with water.	2402
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 10°C c.c. Immiscible with water.	2403
–	T7	TP1 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless, volatile liquid with an ether-like odour. Flashpoint: 2°C c.c. Explosive limits: 3.1% to ... Miscible with water. When involved in a fire, evolves highly toxic cyanide fumes. Toxic if swallowed, by skin contact or by inhalation.	2404
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 25°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2405
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 20°C c.c. Immiscible with water. Narcotic. Irritating to skin, eyes and mucous membranes.	2406
–	–	–	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	Colourless flammable liquid. Flashpoint: 16°C c.c. Decomposed by water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, corrosive to most metals. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2407
T1	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 21°C c.c. Immiscible with water.	2409
–	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 16°C c.c. Miscible with water. Harmful by inhalation.	2410
–	T7	TP1 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless liquid. Flashpoint: 21°C c.c. Explosive limits: 1.6% to ... Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2411
T3	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a pleasant odour. Flashpoint: 13°C c.c. Immiscible with water.	2412
–	T4	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 38°C c.c.	2413
T2	T4	TP1	F-E, S-D	Category B. Clear of living quarters.	Colourless liquid with an unpleasant odour. Flashpoint: –9°C c.c. Explosive limits: 1.5% to 12.5%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2414
–	T7	TP1	F-E, S-D	Category B.	Colourless liquid. Reacts with water, evolving flammable vapours.	2416
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive colourless gas with a pungent odour. Corrosive to glass and to most metals. Corrosive in the presence of water. Much heavier than air (2.3). Highly irritating to skin, eyes and mucous membranes.	2417
–	–	–	F-C, S-U	Category D. Clear of living quarters. "Separated from" acids.	Non-flammable, toxic and corrosive, colourless gas with a pungent odour. Reacts with water, moist air or acids to produce toxic and corrosive fumes. Corrosive to glass and to most metals. Much heavier than air (3.7). Highly irritating to skin, eyes and mucous membranes.	2418
–	–	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable, colourless gas. Much heavier than air (5.6). Boiling point: –3°C.	2419
–	–	–	F-C, S-U	Category D. Clear of living quarters.	Non-flammable, toxic and corrosive, colourless, hygroscopic gas with an unpleasant odour. Reacts vigorously with water, evolving heat. Corrosive to glass and to most metals. Fumes in moist air. Much heavier than air (5.7). Highly irritating to skin, eyes and mucous membranes.	2420
–	–	–	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	Liquefied, non-flammable, toxic and corrosive gas. At lower temperatures, present as a blue liquid. Strong oxidizing agent. Much heavier than air (2.6). Boiling point: 3.5°C. Highly irritating to skin, eyes and mucous membranes.	2421
–	–	–	F-C, S-V	Category A.	Liquefied, non-flammable, colourless gas. Much heavier than air (6.9). Boiling point: 1.2°C.	2422
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable, colourless gas. Much heavier than air (6.6). Boiling point: –36°C.	2424

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2426	AMMONIUM NITRATE, LIQUID (hot concentrated solution)	5.1	–	–	252 942	None	–	–	–	–
2427	POTASSIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	II	–	1 ℓ	P504	–	IBC02	–
2427	POTASSIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	III	223	5 ℓ	P504	–	IBC02	–
2428	SODIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	II	–	1 ℓ	P504	–	IBC02	–
2428	SODIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	III	223	5 ℓ	P504	–	IBC02	–
2429	CALCIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	II	–	1 ℓ	P504	–	IBC02	–
2429	CALCIUM CHLORATE, AQUEOUS SOLUTION	5.1	–	III	223	5 ℓ	P504	–	IBC02	–
2430	ALKYLPHENOLS, SOLID, N.O.S. (including C ₂ –C ₁₂ homologues)	8	– ●	I	–	None	P002	–	IBC07	B1
2430	ALKYLPHENOLS, SOLID, N.O.S. (including C ₂ –C ₁₂ homologues)	8	– ●	II	944	1 kg	P002	–	IBC08	B2 B4
2430	ALKYLPHENOLS, SOLID, N.O.S. (including C ₂ –C ₁₂ homologues)	8	– ●	III	223 944	5 kg	P002 LP02	–	IBC08	B3
2431	ortho-ANISIDINE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2432	N,N-DIETHYLANILINE	6.1	–	III	279	5 ℓ	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T7	TP1 TP16 TP17	F-H, S-Q	Category D. "Separated from" combustible material, bromates, chlorates, chlorites, hypochlorites, nitrites, perchlorates, permanganates and powdered metals.	Hot aqueous solution of not more than 93% ammonium nitrate with not more than 0.2% combustible material (including organic material calculated as carbon) and free from any other added matter, containing at least 7% water, while the maximum content of chloride ions should not exceed 0.02%. May cause fire and explosion in contact with combustible material (e.g. wood, straw, cotton, oil, sugar, etc.), strong acids, and other class 5.1 substances and burn fiercely. Maximum allowable transport temperature of the solution 140°C. This temperature should be indicated on the transport unit. The acidity (pH) of the cargo when diluted with ten parts of water to one part of cargo, by mass, should be between 5.0 and 7.0. The concentration and temperature of the solution at the time of loading, its percentage of combustible materials and of chlorides, and the contents of free acid should be certified.	2426
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	Colourless liquid. When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	2427
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	2427
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	Colourless liquid. When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	2428
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	2428
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	Colourless liquid. When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	2429
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	2429
T4	T6	TP9 TP33	F-A, S-B	Category B.	A wide range of colourless to pale straw-coloured solids with penetrating odours (sometimes camphor-like). Some have low melting points. Insoluble in water. Cause burns to skin, eyes and mucous membranes.	2430
T4	T3	TP33	F-A, S-B	Category B.	See entry above.	2430
T4	T1	TP33	F-A, S-B	Category A.	See entry above.	2430
T1	T4	TP1	F-A, S-A	Category A.	Reddish or yellowish oily liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2431
T2	T4	TP1	F-A, S-A	Category A.	Colourless to yellow-brown oily liquid. Combustible. Toxic if swallowed, by skin contact or by inhalation.	2432

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2433	CHLORONITROTOLUENES, LIQUID	6.1	– P	III	–	5 ℓ	P001 LP01	–	IBC03	–
2434	DIBENZYLDICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
2435	ETHYLPHENYLDICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
2436	THIOACETIC ACID	3	–	II	–	1 ℓ	P001	–	IBC02	–
2437	METHYLPHENYLDICHLOROSILANE	8	–	II	–	None	P001	–	IBC02	–
2438	TRIMETHYLACETYL CHLORIDE	6.1	3/8	I	–	None	P001	–	–	–
2439	SODIUM HYDROGENDIFLUORIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2440	STANNIC CHLORIDE PENTAHYDRATE	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2441	TITANIUM TRICHLORIDE, PYROPHORIC or TITANIUM TRICHLORIDE MIXTURE, PYROPHORIC	4.2	8	I	–	None	P404	–	–	–
2442	TRICHLOROACETYL CHLORIDE	8	–	II	–	None	P001	–	–	–
2443	VANADIUM OXYTRICHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
2444	VANADIUM TETRACHLORIDE	8	–	I	–	None	P802	–	–	–
2446	NITROCRESOLS, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2447	PHOSPHORUS, WHITE, MOLTEN	4.2	6.1 PP	I	–	None	–	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T4	TP1	F-A, S-A	Category A. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	Immiscible with water. Oxidizing substance which may explode or burn fiercely when in contact with organic materials. Toxic if swallowed, by skin contact or by inhalation.	2433
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts violently with water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapour irritating to skin, eyes and mucous membranes.	2434
–	T7	TP2 TP13	F-A, S-B	Category C.	Colourless liquid with a pungent odour. Reacts with water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2435
–	T4	TP1	F-E, S-D	Category B.	Colourless or yellow liquid with a pungent odour. Miscible with water. Harmful by inhalation.	2436
–	T7	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid. Reacts with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2437
T10	T14	TP2 TP13	F-E, S-C	Category D. Shaded from radiant heat. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	Flammable liquid. Flashpoint: 19°C c.c. Boiling point: 108°C. Reacts with water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. In the presence of moisture, corrosive to most metals. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2438
–	T3	TP33	F-A, S-B	Category A. Keep as cool as reasonably practicable. Shade from radiant heat. Clear of living quarters. "Separated from" acids.	White, crystalline powder. Soluble in water. Decomposed by heat or acids, evolving hydrogen fluoride, a toxic extremely irritating and corrosive gas. In the presence of moisture, highly corrosive to glass, other siliceous materials and most metals. Causes burns to skin, eyes and mucous membranes.	2439
–	T1	TP33	F-A, S-B	Category A.	White, deliquescent solid. Melting point: about 60°C. Soluble in water. In the presence of water, corrosive to most metals. Irritating to skin, eyes and mucous membranes.	2440
–	–	–	F-G, S-M	Category D. Clear of living quarters.	Finely divided, violet, crystalline solid. May ignite on exposure to air or moisture. In the presence of moisture, corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2441
–	T7	TP2	F-A, S-B	Category D. Clear of living quarters.	Liquid with a pungent odour, which fumes in moist air. Reacts violently with water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. When involved in a fire, evolves toxic gases. In the presence of moisture, corrosive to most metals. Liquid and vapours cause burns to skin, eyes and mucous membranes.	2442
–	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Yellow liquid. Decomposition occurs on exposure to moist air, forming red fumes of vanadic acid and hydrogen chloride, a corrosive gas apparent as white fumes. Reacts with, or dissolves, many organic compounds. In the presence of moisture, corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2443
T4	T10	TP2	F-A, S-B	Category C. Clear of living quarters.	Reddish-brown liquid. Decomposes under the influence of light, evolving chlorine, a highly toxic and irritating gas. Reacts violently with water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. In the presence of moisture, corrosive to most metals. Liquid and vapours cause burns to skin, eyes and mucous membranes.	2444
–	T1	TP33	F-A, S-A	Category A.	Yellow crystals. Melting point: 32°C or above. Slightly soluble in water. Toxic if swallowed, by skin contact or by inhalation.	2446
T8	T21	TP3 TP7 TP26	F-A, S-M	Category D.	Molten liquid. Melting point: 44°C. Ignites spontaneously in air. Toxic if swallowed, by skin contact or by inhalation. Shipped molten above its melting point.	2447

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2448	SULPHUR, MOLTEN	4.1	–	III	–	None	–	–	IBC01	–
2451	NITROGEN TRIFLUORIDE	2.2	5.1	–	–	None	P200	–	–	–
2452	ETHYLACETYLENE, STABILIZED	2.1	–	–	–	None	P200	–	–	–
2453	ETHYL FLUORIDE (REFRIGERANT GAS R 161)	2.1	–	–	–	None	P200	–	–	–
2454	METHYL FLUORIDE (REFRIGERANT GAS R 41)	2.1	–	–	–	None	P200	–	–	–
2455	METHYL NITRITE	2.2	–	–	900	–	–	–	–	–
2456	2-CHLOROPROPENE	3	–	I	–	None	P001	–	–	–
2457	2,3-DIMETHYLBUTANE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2458	HEXADIENES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2459	2-METHYL-1-BUTENE	3	–	I	–	None	P001	–	–	–
2460	2-METHYL-2-BUTENE	3	–	II	–	1 ℓ	P001	–	IBC02	B8
2461	METHYLPENTADIENES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2463	ALUMINIUM HYDRIDE	4.3	–	I	–	None	P403	PP31	–	–
2464	BERYLLIUM NITRATE	5.1	6.1	II	–	1 kg	P002	–	IBC08	B2 B4
2465	DICHLOROISOCYANURIC ACID, DRY or DICHLOROISOCYANURIC ACID, SALTS	5.1	–	II	135	1 kg	P002	–	IBC08	B4
2466	POTASSIUM SUPEROXIDE	5.1	–	I	–	None	P503	–	IBC06	B1
2468	TRICHLOROISOCYANURIC ACID, DRY	5.1	–	II	–	1 kg	P002	–	IBC08	B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T1	TP3	F-A, S-H	Category C. "Separated from" class 5.1.	Melting point: 119°C. Molten sulphur may contain hydrogen sulphide which is highly poisonous in low concentrations. When involved in a fire, evolves toxic, very irritating and suffocating gas. Forms explosive and extremely sensitive mixtures with oxidizing substances. Shipped molten above its melting point.	2448
–	–	–	F-C, S-W	Category D. Clear of living quarters.	Non-flammable, non-toxic, colourless, odourless gas. Strong oxidizing agent; reacts violently with many substances, e.g. grease, oil, etc. Much heavier than air (2.4). May cause slight eye irritation.	2451
–	–	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable, colourless gas with an odour similar to acetylene. Heavier than air (1.9). Boiling point: 8°C. Irritating to skin, eyes and mucous membranes.	2452
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Liquefied, flammable, colourless gas. Explosive limits: 5% to 10%. Heavier than air (1.7). Boiling point: –37°C.	2453
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Flammable, colourless gas. Heavier than air (1.2).	2454
–	–	–	F-C, S-V	–	–	2455
–	T11	TP2	F-E, S-D	Category E.	Colourless liquid. Flashpoint: below –18°C c.c. Explosive limits: 2.5% to 12%. Boiling point: 23°C. Immiscible with water. Harmful if swallowed or by inhalation. Irritating to skin, eyes and mucous membranes.	2456
–	T7	TP1	F-E, S-D	Category E.	Colourless liquid. Flashpoint: –29°C c.c. Explosive limits: 1.2% to 7%. Immiscible with water. Irritating to skin, eyes and mucous membranes. Narcotic in high concentrations.	2457
T3	T4	TP1	F-E, S-D	Category B.	Colourless liquids. 1,3-HEXADIENE: flashpoint –3°C c.c. 1,4-HEXADIENE: flashpoint –25°C c.c. 1,5-HEXADIENE: flashpoint –27°C c.c. 2,4-HEXADIENE: flashpoint –7°C c.c. Immiscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2458
T7	T11	TP2	F-E, S-D	Category E.	Colourless, volatile liquid with a disagreeable odour. Flashpoint: below –18°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2459
–	T7	TP1	F-E, S-D	Category E.	Colourless, volatile liquid with a disagreeable odour. Flashpoint: below –18°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2460
T3	T4	TP1	F-E, S-D	Category E.	Colourless liquids. Flashpoint: below –18°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2461
–	–	–	F-G, S-O	Category E.	White to grey powder. In contact with water, acids or moisture, evolves hydrogen which may be ignited by the heat of the reaction.	2463
–	T3	TP33	F-A, S-Q	Category A.	White or light yellow deliquescent crystals, or fine dust. Mixtures with combustible material are readily ignited and may burn fiercely. Toxic if swallowed, by skin contact or by dust inhalation.	2464
–	T3	TP33	F-A, S-Q	Category A. Keep as dry as reasonably practicable.	White crystalline powder or granules; slightly hygroscopic. Partially soluble in water. Mixtures with combustible material are sensitive to friction and are liable to ignite. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2465
–	–	–	F-G, S-Q	Category E. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	Yellow flakes. Particularly if wetted with small quantities of water, a mixture with combustible material may ignite, following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen. Highly irritating to skin, eyes and mucous membranes.	2466
–	T3	TP33	F-A, S-Q	Category A. Keep as dry as reasonably practicable.	Colourless powder or granules. Mixtures with combustible material are sensitive to friction and are liable to ignite. On contact with nitrogen compounds, fumes of nitrogen trichloride can be formed, which are very explosive. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2468

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2469	ZINC BROMATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2470	PHENYLACETONITRILE, LIQUID	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2471	OSMIUM TETROXIDE	6.1	– PP	I	–	None	P002	PP30 PP31	IBC07	B1
2473	SODIUM ARSANILATE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2474	THIOPHOSGENE	6.1	–	II	279	100 ml	P001	–	–	–
2475	VANADIUM TRICHLORIDE	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2477	METHYL ISOTHIOCYANATE	6.1	3	I	–	None	P001	–	–	–
2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or ISOCYANATES, SOLUTION, FLAMMABLE, TOXIC, N.O.S.	3	6.1 ●	II	274 944	1 ℓ	P001	PP31	IBC02	–
2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or ISOCYANATES, SOLUTION, FLAMMABLE, TOXIC, N.O.S.	3	6.1 ●	III	223 274 944	5 ℓ	P001	PP31	IBC03	–
2480	METHYL ISOCYANATE	6.1	3	I	–	None	P601	–	–	–
2481	ETHYL ISOCYANATE	3	6.1	I	–	None	P601	–	–	–
2482	PROPYL ISOCYANATE	6.1	3	I	–	None	P001	–	–	–
2483	ISOPROPYL ISOCYANATE	3	6.1	I	–	None	P001	–	–	–
2484	tert-BUTYL ISOCYANATE	6.1	3	I	–	None	P001	–	–	–
2485	BUTYL ISOCYANATE	6.1	3	I	–	None	P001	–	–	–
2486	ISOBUTYL ISOCYANATE	3	6.1	II	–	1 ℓ	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T1	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless powder. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	2469
–	T4	TP1	F-A, S-A	Category A. "Separated from" acids.	Colourless to light brown liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2470
–	T6	TP33	F-A, S-A	Category B. Clear of living quarters.	Pale yellow, crystalline, volatile solid with an irritating odour. Highly toxic if swallowed, by skin contact or by inhalation.	2471
–	T1	TP33	F-A, S-A	Category A.	White, crystalline powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2473
–	T7	TP2	F-A, S-A	Category B. Clear of living quarters. "Separated from" acids.	Red fuming liquid with a foul phosgene-like odour. Decomposes slowly in water. Reacts with acids, evolving toxic and corrosive fumes. Toxic if swallowed, by skin contact or by inhalation.	2474
–	T1	TP33	F-A, S-B	Category A. Clear of living quarters.	Pink, deliquescent crystals. Decomposes in water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Irritating to skin, eyes and mucous membranes.	2475
T10	T14	TP2 TP13	F-E, S-D	Category D.	White crystals. Usually shipped as an oily liquid with a flashpoint below 60°C c.c. Melting point: 36°C (pure substance). Flashpoint: 32°C c.c. (pure substance). Insoluble in water. When involved in a fire, evolves toxic gases. Highly toxic if swallowed, by skin contact or by inhalation.	2477
T4	T11	TP2 TP13 TP27	F-E, S-D	Category D. Clear of living quarters.	Flammable toxic liquids with a pungent odour. Immiscible with water but react with it to form carbon dioxide. Toxic if swallowed, by skin contact or by inhalation.	2478
–	T7	TP1 TP13 TP28	F-E, S-D	Category A.	See entry above.	2478
–	–	–	F-E, S-D	Category D. Clear of living quarters. "Separated from" acids.	Flammable liquid with a pungent odour. Flashpoint: –7°C c.c. (pure product). Boiling point: 38°C (pure product). Vapour heavier than air. Immiscible with water but reacts violently with it. In contact with water or acids, evolves highly toxic nitrous fumes. Highly toxic if swallowed, by skin contact or by inhalation.	2480
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters. "Separated from" acids.	Liquid with a pungent odour. Flashpoint: –18°C to 0°C c.c. Boiling point: 60°C. Immiscible with water but reacts violently with it. On contact with water or acids, or when heated above boiling point, evolves highly toxic nitrous fumes. Toxic by inhalation. Irritating to skin, eyes and mucous membranes.	2481
–	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Flammable liquid with a pungent odour. Immiscible with water but reacts violently with it, evolving gases. Flashpoint: –18°C to 23°C c.c. Highly toxic if swallowed, by skin contact or by inhalation.	2482
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Liquid with a pungent odour. Flashpoint: –10°C to 0°C c.c. Immiscible with water but reacts violently with it, evolving gases. Toxic if swallowed, by skin contact or by inhalation. Irritating to skin, eyes and mucous membranes.	2483
–	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless liquid with a pungent odour. Immiscible with water but reacts violently with it, evolving gases. Flashpoint: 11°C c.c. Highly toxic if swallowed, by skin contact or by inhalation.	2484
–	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless liquid with a pungent odour. Immiscible with water but reacts violently with it, evolving gases. Flashpoint: 19°C c.c. Highly toxic if swallowed, by skin contact or by inhalation.	2485
TP28	T8	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Liquid with a pungent odour. Immiscible with water but reacts violently with it, evolving gases. Toxic by inhalation. Irritating to skin, eyes and mucous membranes.	2486

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2487	PHENYL ISOCYANATE	6.1	3	I	–	None	P001	–	–	–
2488	CYCLOHEXYL ISOCYANATE	6.1	3	I	–	None	P001	–	–	–
2490	DICHLOROISOPROPYL ETHER	6.1	–	II	–	100 ml	P001	–	IBC02	–
2491	ETHANOLAMINE or ETHANOLAMINE SOLUTION	8	–	III	223	5 l	P001 LP01	–	IBC03	–
2493	HEXAMETHYLENEIMINE	3	8	II	–	1 l	P001	–	IBC02	–
2495	IODINE PENTAFLUORIDE	5.1	6.1/8	I	–	None	P200	–	–	–
2496	PROPIONIC ANHYDRIDE	8	–	III	–	5 l	P001 LP01	–	IBC03	–
2498	1,2,3,6-TETRAHYDROBENZALDEHYDE	3	–	III	–	5 l	P001 LP01	–	IBC03	–
2501	TRIS-(1-AZIRIDINYL)PHOSPHINE OXIDE SOLUTION	6.1	–	II	–	100 ml	P001	–	IBC02	–
2501	TRIS-(1-AZIRIDINYL)PHOSPHINE OXIDE SOLUTION	6.1	–	III	223	5 l	P001 LP01	–	IBC03	–
2502	VALERYL CHLORIDE	8	3	II	–	1 l	P001	–	IBC02	–
2503	ZIRCONIUM TETRACHLORIDE	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2504	TETRABROMOETHANE	6.1	– P	III	–	5 l	P001 LP01	–	IBC03	–
2505	AMMONIUM FLUORIDE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2506	AMMONIUM HYDROGEN SULPHATE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2507	CHLOROPLATINIC ACID, SOLID	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2508	MOLYBDENUM PENTACHLORIDE	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless to yellowish liquid with a pungent odour. Flashpoint: 51°C c.c. Immiscible with water. Reacts with water, evolving carbon dioxide. Highly toxic if swallowed, by skin contact or by inhalation.	2487
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Yellowish liquid with an irritating odour. Flashpoint: 53°C c.c. Immiscible with water. Reacts with water, evolving carbon dioxide. Highly toxic if swallowed, by skin contact or by inhalation.	2488
T4	T7	TP2	F-A, S-A	Category B.	Colourless liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2490
T3	T4	TP1	F-A, S-B	Category A. "Separated from" acids.	Colourless. Miscible with water. Corrosive to copper, copper compounds, copper alloys and rubber. Reacts violently with acids. Liquid and vapour cause burns to skin, eyes and mucous membranes.	2491
T4	T7	TP1	F-E, S-C	Category B. Clear of living quarters.	Yellowish liquid with an ammoniacal odour. Flashpoint: 18°C c.c. Miscible with water. Harmful by inhalation. Absorbed through the skin. Causes burns to skin, eyes and mucous membranes.	2493
-	-	-	F-A, S-Q	Category D. Shade from radiant heat. Clear of living quarters. Segregation as for class 5.1 but "Separated from" classes 4.1 and 7. "Separated from" acids.	Colourless, fuming liquid (density 3.75). Powerful oxidant; may cause fire in contact with organic material such as wood, cotton or straw. Reacts violently with water, evolving hydrogen fluoride, a toxic, extremely corrosive gas apparent as white fumes. In contact with acids or acid fumes evolves highly toxic fumes of iodine, fluorine and their compounds. Highly corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2495
T2	T4	TP1	F-A, S-B	Category A.	Colourless, combustible liquid with a pungent odour. Reacts with water, forming propionic acid. Corrosive to skin, eyes and mucous membranes.	2496
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 57°C o.c. Immiscible with water.	2498
T4	T7	TP2	F-A, S-A	Category A.	Aqueous solution. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2501
T3	T4	TP1	F-A, S-A	Category A.	See entry above.	2501
T4	T7	TP2	F-E, S-C	Category C. Clear of living quarters.	Liquid with a penetrating odour. Flashpoint: 23°C c.c. or above. Reacts with water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. Corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2502
-	T1	TP33	F-A, S-B	Category A.	White, lustrous crystals. Reacts with water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. In the presence of moisture, corrosive to most metals. Irritating to mucous membranes.	2503
T3	T4	TP1	F-A, S-A	Category A.	Colourless to yellowish liquid with a camphor-like odour. Toxic if swallowed, by skin contact or by inhalation.	2504
-	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	Colourless crystals or powder with an ammonia-like odour. Readily soluble in water. Decomposes in contact with acids, evolving hydrogen fluoride, a corrosive gas. Toxic if swallowed, by skin contact or by dust inhalation.	2505
-	T3	TP33	F-A, S-B	Category A. Clear of living quarters.	White, rhombic crystals. Soluble in water. When involved in a fire, evolves extremely irritating and corrosive fumes. In the presence of moisture, corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2506
-	T1	TP33	F-A, S-B	Category A.	Red-brown crystals. Soluble in water.	2507
-	T1	TP33	F-A, S-B	Category C. Clear of living quarters.	Black or green-black crystals. Hygroscopic. Reacts violently with water, evolving hydrogen chloride, a corrosive gas apparent as white fumes. Harmful if swallowed. Dust and vapour irritate skin, eyes and mucous membranes.	2508

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2509	POTASSIUM HYDROGEN SULPHATE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2511	2-CHLOROPROPIONIC ACID	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2512	AMINOPHENOLS (<i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	–	III	279	5 kg	P002 LP02	–	IBC08	B3
2513	BROMOACETYL BROMIDE	8	–	II	–	1 ℓ	P001	–	IBC02	B20
2514	BROMOBENZENE	3	– P	III	–	5 ℓ	P001 LP01	–	IBC03	–
2515	BROMOFORM	6.1	– P	III	–	5 ℓ	P001 LP01	–	IBC03	–
2516	CARBON TETRABROMIDE	6.1	– P	III	–	5 kg	P002 LP02	–	IBC08	B3
2517	1-CHLORO-1,1-DIFLUOROETHANE (REFRIGERANT GAS R 142b)	2.1	–	–	–	None	P200	–	–	–
2518	1,5,9-CYCLODODECATRIENE	6.1	– PP	III	–	500 ml	P001 LP01	–	IBC03	–
2520	CYCLOOCTADIENES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2521	DIKETENE, STABILIZED	6.1	3	I	–	None	P001	–	–	–
2522	2-DIMETHYLAMINOETHYL METHACRYLATE	6.1	–	II	–	100 ml	P001	–	IBC02	–
2524	ETHYL ORTHOFORMATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2525	ETHYL OXALATE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2526	FURFURYLAMINE	3	8	III	–	5 ℓ	P001	–	IBC03	–
2527	ISOBUTYL ACRYLATE, STABILIZED	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2528	ISOBUTYL ISOBUTYRATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2529	ISOBUTYRIC ACID	3	8	III	–	5 ℓ	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-B	Category A.	Colourless crystals. Soluble in water. When involved in a fire, evolves extremely irritating and corrosive fumes. In the presence of moisture, corrosive to most metals. Irritating to skin, eyes and mucous membranes.	2509
–	T4	TP2	F-A, S-B	Category A.	Colourless, aqueous solution with a specific odour. Causes burns to skin, eyes and mucous membranes.	2511
–	T1	TP33	F-A, S-A	Category A.	White or brownish (<i>ortho</i> - and <i>para</i> -) or reddish-yellow (<i>meta</i> -) crystals. Soluble in water. Toxic if swallowed, by skin contact or by inhalation.	2512
TP28	T8	TP2 TP12	F-A, S-B	Category C. Clear of living quarters. "Separated from" alkalis.	Clear liquid, colourless. Boiling point: 150°C. Reacts violently with water, evolving hydrogen bromide, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Reacts violently with alkalis such as ammonia and hydrazine. Causes very severe burns to skin, eyes and mucous membranes. Vapour causes tears.	2513
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a characteristic odour. Flashpoint: 51°C c.c. Explosive limits: 0.5% to 2.8%. Immiscible with water.	2514
T3	T4	TP1	F-A, S-A	Category A. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless liquid or crystals (melting point 9°C) with a chloroform-like odour. Toxic if swallowed, by skin contact or by inhalation. Narcotic effect.	2515
–	T1	TP33	F-A, S-A	Category A. Shaded from radiant heat.	Colourless crystals. Melting point: 48°C. Insoluble in water. Toxic if swallowed, by skin contact or by inhalation of dust and vapour.	2516
–	T50	–	F-D, S-U	Category B. Clear of living quarters.	Flammable gas. Explosive limits: 8.5% to 14%. Much heavier than air (3.5).	2517
–	T4	TP1	F-A, S-A	Category A. Clear of living quarters.	Colourless liquid. Toxic if swallowed, by skin contact or by inhalation.	2518
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids. Immiscible with water. 1,5-CYCLOOCTADIENE: flashpoint 38°C c.c. Irritating to skin, eyes and mucous membranes.	2520
T10	T14	TP2 TP13	F-E, S-D	Category D. "Away from" acids and alkalis. Clear of living quarters.	Colourless flammable liquid with a pungent odour. Flashpoint: 44°C c.c. Immiscible with water, but hydrolyses slowly in contact with it. The presence of acids, bases or amines can initiate explosive polymerization. Highly toxic if swallowed, by skin contact or by inhalation.	2521
T4	T7	TP2	F-A, S-A	Category D. Clear of living quarters.	Combustible liquid. Causes tears. Toxic if swallowed, by skin contact or by inhalation.	2522
T3	T2	TP1	F-E, S-D	Category A.	Colourless liquid with an ethereal odour. Flashpoint: 30°C c.c. Immiscible with water.	2524
T1	T4	TP1	F-A, S-A	Category A.	Colourless, oily, aromatic liquid. Slowly decomposed by water. Toxic if swallowed, by skin contact or by dust inhalation.	2525
–	T4	TP1	F-E, S-C	Category A. Clear of living quarters.	Pale yellow, oily liquid. Flashpoint: 37°C o.c. Miscible with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	2526
T4	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a pungent odour. Flashpoint: 29°C o.c. Immiscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2527
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a fruity odour. Flashpoint: 37°C c.c. Explosive limits: 0.96% to 7.59%. Immiscible with water.	2528
T1	T4	TP1	F-E, S-C	Category A.	Colourless liquid with a pungent odour. Flashpoint: 55°C c.c. Explosive limits: 2% to 9.2%. Miscible with water. Causes burns to skin and eyes. Irritating to skin, eyes and mucous membranes.	2529

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2531	METHACRYLIC ACID, STABILIZED	8	–	II	–	1 ℓ	P001	–	IBC02	–
2533	METHYL TRICHLOROACETATE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2534	METHYLCHLOROSILANE	2.3	2.1/8	–	–	None	P200	–	–	–
2535	4-METHYLMORPHOLINE (N-METHYLMORPHOLINE)	3	8	II	–	1 ℓ	P001	–	IBC02	–
2536	METHYLTETRAHYDROFURAN	3	–	II	–	1 ℓ	P001	–	IBC02	–
2538	NITRONAPHTHALENE	4.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2541	TERPINOLENE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2542	TRIBUTYLAMINE	6.1	–	II	–	100 ml	P001	–	IBC02	–
2545	HAFNIUM POWDER, DRY	4.2	–	I	–	None	P404	PP31	–	–
2545	HAFNIUM POWDER, DRY	4.2	–	II	–	None	P410	PP31	IBC06	B2
2545	HAFNIUM POWDER, DRY	4.2	–	III	223	None	P002 LP02	PP31	IBC08	B3
2546	TITANIUM POWDER, DRY	4.2	–	I	–	None	P404	PP31	–	–
2546	TITANIUM POWDER, DRY	4.2	–	II	–	None	P410	PP31	IBC06	B2
2546	TITANIUM POWDER, DRY	4.2	–	III	223	None	P002 LP02	PP31	IBC08	B3
2547	SODIUM SUPEROXIDE	5.1	–	I	–	None	P503	–	IBC06	B1
2548	CHLORINE PENTAFLUORIDE	2.3	5.1/8	–	–	None	P200	–	–	–
2552	HEXAFLUOROACETONE HYDRATE, LIQUID	6.1	–	II	–	100 ml	P001	–	IBC02	–
2554	METHYLALLYL CHLORIDE	3	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T7	TP2 TP18 TP30	F-A, S-B	Category C. Clear of living quarters.	Colourless, combustible liquid with a specific odour. Miscible with water. Polymerizes readily above its melting point (15°C), thereby generating heat and possible risk of explosion; should therefore be properly stabilized. Cooling below melting point (15°C) followed by subsequent reheating can release uninhibited monomer that readily polymerizes. Decomposes when heated, evolving toxic gases. Causes burns to skin, eyes and mucous membranes.	2531
T1	T4	TP1	F-A, S-A	Category A.	Colourless liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2533
–	–	–	F-D, S-U	Category D. Clear of living quarters. Segregation as for class 2.1 but "Away from" class 4.3.	Liquefied, flammable, toxic and corrosive colourless gas with a pungent odour. Reacts with water, evolving hydrogen chloride, an irritating and corrosive gas. Heavier than air. Boiling point: 9°C. Highly irritating to skin, eyes and mucous membranes.	2534
T4	T7	TP1	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid with an ammonia-like odour. Flashpoint: 13°C c.c. Miscible with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	2535
T3	T4	TP1	F-E, S-D	Category B.	Colourless, volatile liquid with an ether-like odour. Flashpoint: –11°C o.c. Immiscible with water.	2536
–	T1	TP33	F-A, S-G	Category A.	Yellow crystals. Insoluble in water. Harmful if swallowed.	2538
T1	T2	TP1	F-E, S-E	Category A.	Colourless to pale amber liquid with a lemon odour. Flashpoint: 37°C c.c. Immiscible with water.	2541
T4	T7	TP2	F-A, S-A	Category A.	Colourless, combustible liquid with an amine odour. Immiscible with water. When involved in a fire, evolves toxic gases. Toxic if swallowed, by skin contact or by inhalation.	2542
–	–	–	F-G, S-M	Category D.	Black amorphous powder. Insoluble in water. Liable to ignite spontaneously in air. Forms explosive mixtures with oxidizing substances.	2545
–	T3	TP33	F-G, S-M	Category D.	See entry above.	2545
–	T1	TP33	F-G, S-M	Category D.	See entry above.	2545
–	–	–	F-G, S-M	Category D.	Grey powder. Liable to ignite spontaneously in air. Forms explosive mixtures with oxidizing substances.	2546
–	T3	TP33	F-G, S-M	Category D.	See entry above.	2546
–	T1	TP33	F-G, S-M	Category D.	See entry above.	2546
–	–	–	F-G, S-Q	Category E. Keep as dry as reasonably practicable. "Separated from" permanganates, acids and class 4.1.	Pale yellow coarse powder or granules. Particularly if wetted with small quantities of water, a mixture with combustible material may ignite, following impact or friction. When involved in a fire, or in contact with water or acids, decomposes, evolving oxygen. Highly irritating to skin, eyes and mucous membranes.	2547
–	–	–	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	Non-flammable, toxic and corrosive gas. Forms dense, white, corrosive fumes in moist air. Reacts violently with water, evolving hydrogen fluoride, a toxic, irritating and corrosive gas apparent as white fumes. Corrosive to glass and to most metals. Powerful oxidizing agent which may cause violent fires with combustible materials. Much heavier than air (4.5). Highly irritating to skin, eyes and mucous membranes.	2548
–	T7	TP2	F-A, S-A	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	2552
–	T4	TP1 TP13	F-E, S-D	Category E.	Colourless to yellowish, volatile liquid with a penetrating odour. Flashpoint: –12°C c.c. Explosive limits: 2.3% to 9.3%. Immiscible with water. When involved in a fire, may evolve highly toxic phosgene gas. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2554

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2555	NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	4.1	–	II	28	None	P406	PP31	–	–
2556	NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	4.1	–	II	28	None	P406	PP31	–	–
2557	NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH or WITHOUT PLASTICIZER, WITH or WITHOUT PIGMENT	4.1	– •	II	241	None	P406	PP31	–	–
2558	EPIBROMOHYDRIN	6.1	3 P	I	–	None	P001	–	–	–
2560	2-METHYLPENTAN-2-OL	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2561	3-METHYL-1-BUTENE	3	–	I	–	None	P001	–	–	–
2564	TRICHLOROACETIC ACID SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
2564	TRICHLOROACETIC ACID SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2565	DICYCLOHEXYLAMINE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2567	SODIUM PENTACHLOROPHENATE	6.1	– PP	II	–	500 g	P002	–	IBC08	B2 B4
2570	CADMIUM COMPOUND	6.1	– •	I	–	None	P002	–	IBC07	B1
2570	CADMIUM COMPOUND	6.1	– •	II	–	500 g	P002	–	IBC08	B2 B4
2570	CADMIUM COMPOUND	6.1	– •	III	223 944	5 kg	P002 LP02	–	IBC08	B3
2571	ALKYLSULPHURIC ACIDS	8	–	II	274	1 ℓ	P001	–	IBC02	–
2572	PHENYLHYDRAZINE	6.1	–	II	–	100 ml	P001	–	IBC02	–
2573	THALLIUM CHLORATE	5.1	6.1 P	II	–	1 kg	P002	–	IBC06	B2
2574	TRICRESYL PHOSPHATE with more than 3% <i>ortho</i> -isomer	6.1	– PP	II	–	100 ml	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Nitrocellulose may be granular or in flakes, blocks or fibrous form. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. May form extremely sensitive compounds with heavy metals or their salts.	2555
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Nitrocellulose may be granular or in flakes, blocks or fibrous form. In case of leakage, flammable vapours are evolved which, in closed compartments, may form explosive mixtures with air. When involved in a fire evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. Highly explosive when dry. May form extremely sensitive compounds with heavy metals or their salts.	2556
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Nitrocellulose may be in granular form or in flakes. This product may also contain added pigments. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. Burns extremely rapidly with intense heat radiation. The formulation should be prepared so that it remains homogeneous and does not separate during transport. May form extremely sensitive compounds with heavy metals or their salts.	2557
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Flammable liquid. Flashpoint: 56°C c.c. Highly toxic if swallowed, by skin contact or by inhalation.	2558
T3	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 30°C c.c. Partially miscible with water. Irritating to skin, eyes and mucous membranes.	2560
–	T11	TP2	F-E, S-D	Category E.	Colourless, volatile liquid with a disagreeable odour. Flashpoint: below –18°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2561
T4	T7	TP2	F-A, S-B	Category B.	Colourless, clear solution with a pungent odour. Corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2564
–	T4	TP1	F-A, S-B	Category B.	See entry above.	2564
–	T4	TP1	F-A, S-B	Category A.	Clear, colourless, combustible liquid with a fishy odour which may taint other cargoes. Immiscible with water. Causes burns to skin, eyes and mucous membranes.	2565
–	T3	TP33	F-A, S-A	Category A.	White or light brown powder with a pungent odour. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2567
–	T6	TP33	F-A, S-A	Category A.	Powder or crystals with various colours. May be soluble or insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2570
–	T3	TP33	F-A, S-A	Category A.	See entry above.	2570
–	T1	TP33	F-A, S-A	Category A.	See entry above.	2570
–	T8	TP2 TP12 TP13 TP28	F-A, S-B	Category C. For metal drums, category B.	Colourless oily liquids. React with water, evolving heat. Cause burns to skin, eyes and mucous membranes. Highly corrosive to metal.	2571
T4	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Pale yellow oily liquid. Melting point: 20°C. Slightly soluble in water. Toxic if swallowed, by skin contact or by inhalation.	2572
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Colourless crystals. Slightly soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion. Toxic if swallowed, by skin contact or by dust inhalation.	2573
T4	T7	TP2	F-A, S-A	Category A.	Colourless liquid. A mixture of isomers. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2574

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2576	PHOSPHORUS OXYBROMIDE, MOLTEN	8	–	II	–	None	–	–	–	–
2577	PHENYLACETYL CHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
2578	PHOSPHORUS TRIOXIDE	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2579	PIPERAZINE	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2580	ALUMINIUM BROMIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2581	ALUMINIUM CHLORIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2582	FERRIC CHLORIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2583	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2584	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	8	–	II	–	1 ℓ	P001	–	IBC02	B20
2585	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2586	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2587	BENZOQUINONE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	– ●	I	61 274	None	P002	–	IBC99	–
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
2589	VINYL CHLOROACETATE	6.1	3	II	–	100 ml	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T7	TP3 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Melting point: 56°C. Reacts violently with water, evolving hydrogen bromide, a toxic and corrosive gas apparent as white fumes. Reacts violently with organic materials (such as wood, cotton, straw), causing fire. When involved in a fire, evolves highly toxic and corrosive gases. In the presence of moisture, highly corrosive to most metals. Vapours and liquid cause burns to skin, eyes and mucous membranes. Shipped molten above its melting point.	2576
–	T7	TP2	F-A, S-B	Category C. Clear of living quarters.	Colourless liquid with a pungent odour. Reacts with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolves highly toxic fumes. Corrosive to most metals. Vapour irritates eyes and mucous membranes. Liquid is corrosive to skin, eyes and mucous membranes.	2577
–	T1	TP33	F-A, S-B	Category A. Keep as cool as reasonably practicable.	Colourless crystals or white deliquescent powder. Melting point: 23°C. Reacts with water, evolving heat and at normal temperatures phosphoric acid, but at higher temperatures phosphine, a highly toxic gas. In the presence of moisture, corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2578
–	T1	TP33	F-A, S-B	Category A. Keep as cool as reasonably practicable. "Separated from" acids.	Colourless, deliquescent crystals, turning dark on exposure to light. Soluble in water. Decomposes when heated and when involved in a fire, evolving highly toxic nitrous fumes. The solution in water is a strong base and is highly corrosive. Reacts violently with acids. Irritating to skin, eyes and mucous membranes.	2579
–	T4	TP1	F-A, S-B	Category A.	Colourless to yellowish liquid. Highly corrosive to most metals. Vapour highly irritating to skin, eyes and mucous membranes. Liquid causes severe burns to skin, eyes and mucous membranes.	2580
–	T4	TP1	F-A, S-B	Category A.	Colourless to yellowish liquid. Highly corrosive to most metals. Vapour highly irritating to skin, eyes and mucous membranes. Liquid causes severe burns to skin, eyes and mucous membranes.	2581
–	T4	TP1	F-A, S-B	Category A.	Colourless to light brown liquid. Highly corrosive to most metals.	2582
–	T3	TP33	F-A, S-B	Category A.	When involved in a fire, evolve highly toxic gases. Corrosive to most metals, especially in the presence of moisture. Cause burns to skin, eyes and mucous membranes.	2583
T4	T8	TP2 TP12 TP13	F-A, S-B	Category B.	Liquids usually with a pungent odour. When involved in a fire, evolve highly toxic gases. Highly corrosive to most metals. Cause burns to skin, eyes and mucous membranes.	2584
–	T1	TP33	F-A, S-B	Category A.	Crystalline solids. When involved in a fire, evolve highly toxic gases. In the presence of moisture, corrosive to most metals. Cause burns to skin, eyes and mucous membranes.	2585
–	T4	TP1	F-A, S-B	Category B.	Liquids usually with a pungent odour. When involved in a fire, evolve highly toxic gases. Corrosive to most metals. Cause burns to skin, eyes and mucous membranes.	2586
–	T3	TP33	F-A, S-A	Category A.	Yellow crystals with an irritating and penetrating odour resembling that of chlorine. Slightly soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2587
–	T6	TP9 TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2588
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2588
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2588
–	T7	TP2	F-E, S-D	Category A.	Flammable liquid. Flashpoint: 50°C c.c. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2589

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2590	WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)	9	–	III	168	None	P002	PP37	IBC08	B2 B3
2591	XENON, REFRIGERATED LIQUID	2.2	–	–	–	120 ml	P203	–	–	–
2599	CHLOROTRIFLUOROMETHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane (REFRIGERANT GAS R 503)	2.2	–	–	–	120 ml	P200	–	–	–
2601	CYCLOBUTANE	2.1	–	–	–	None	P200	–	–	–
2602	DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE with approximately 74% dichlorodifluoromethane (REFRIGERANT GAS R 500)	2.2	–	–	–	120 ml	P200	–	–	–
2603	CYCLOHEPTATRIENE	3	6.1	II	–	1 l	P001	–	IBC02	–
2604	BORON TRIFLUORIDE DIETHYL ETHERATE	8	3	I	–	None	P001	PP31	–	–
2605	METHOXYMETHYL ISOCYANATE	3	6.1	I	–	None	P001	–	–	–
2606	METHYL ORTHOSILICATE	6.1	3	I	–	None	P001	–	–	–
2607	ACROLEIN DIMER, STABILIZED	3	–	III	–	5 l	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters. "Away from" foodstuffs.	Mineral fibres of varying length. Non-combustible. Inhalation of the dust of asbestos fibres is dangerous and therefore exposure should be avoided at all times. Always prevent the generation of asbestos dust. A safe level of airborne concentration of asbestos fibres may be obtained through effective packing. Cargo spaces or freight containers that have contained any type of raw asbestos should be carefully cleaned before discharging any remaining cargo, loading other cargo or carrying out repair or maintenance work. Whenever possible, cleaning of cargo spaces should be carried out whilst the ship is in a port where proper facilities and equipment, including proper respiratory apparatus and protective clothing, are available. Parts of the body that may have been exposed should be immediately and thoroughly washed. All waste material should be collected in impermeable and sealed bags for safe disposal ashore. If cleaning cannot be carried out at the discharge port, arrangements should be made in advance for cleaning to be carried out at the next port where necessary facilities are available. If cleaning of cargo spaces has to be carried out at sea, the safety procedures followed and standard of equipment used should be at least as effective as those which would be employed in a port. Until such cleaning is undertaken, the cargo spaces in which the asbestos has been carried should be closed and access to those spaces should be prohibited.	2590
–	T75	TP5	F-C, S-V	Category B.	Liquefied, inert, colourless and odourless gas. Much heavier than air (4.5).	2591
–	–	–	F-C, S-V	Category A.	Non-flammable, colourless gas with a mild ethereal odour. Much heavier than air (3.2).	2599
–	–	–	F-D, S-U	Category B. Clear of living quarters.	Liquefied, flammable, colourless gas. Explosive limits: 1.8% to 10%. Heavier than air (1.9). Boiling point: 13°C.	2601
–	T50	–	F-C, S-V	Category A.	Non-flammable, colourless and odourless gas. Much heavier than air (3.7).	2602
–	T7	TP1 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless to dark yellow liquid with a characteristic odour. Flashpoint: 0°C to 4°C c.c. Immiscible with water. Reacts vigorously with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	2603
T7	T10	TP2	F-E, S-C	Category D. Clear of living quarters.	Colourless fuming flammable liquid. Flashpoint 59°C c.c. The flashpoint will be lower when free ether is present. Reacts vigorously with oxidizing substances. Decomposes in contact with water, evolving toxic, corrosive and flammable vapours. Causes burns to skin, eyes and mucous membranes. Inhalation of small quantities of vapour can cause breathing difficulties.	2604
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless liquid with a pungent odour. Flashpoint: 13°C c.c. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation. Irritating to skin, eyes and mucous membranes.	2605
–	T14	TP2 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless, flammable liquid with an ethereal odour. Immiscible with water. Flashpoint: –18°C to 19°C c.c. Highly toxic if swallowed, by skin contact or by inhalation. May cause blindness.	2606
T4	T2	TP1	F-E, S-D	Category A. Clear of living quarters.	Colourless liquid with a pungent odour. Flashpoint: 48°C o.c. Miscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2607

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2608	NITROPROPANES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2609	TRIALLYL BORATE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2610	TRIALLYLAMINE	3	8	III	–	5 ℓ	P001	–	IBC03	–
2611	PROPYLENE CHLOROHYDRIN	6.1	3	II	–	100 ml	P001	–	IBC02	–
2612	METHYL PROPYL ETHER	3	–	II	–	1 ℓ	P001	–	IBC02	B8
2614	METHALLYL ALCOHOL	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2615	ETHYL PROPYL ETHERS	3	–	II	–	1 ℓ	P001	–	IBC02	–
2616	TRIIISOPROPYL BORATE	3	–	II	–	1 ℓ	P001	–	IBC02	–
2616	TRIIISOPROPYL BORATE	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2617	METHYLCYCLOHEXANOLS flammable	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2618	VINYLTOLUENES, STABILIZED	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2619	BENZYLDIMETHYLAMINE	8	3	II	–	1 ℓ	P001	–	IBC02	–
2620	AMYL BUTYRATES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2621	ACETYL METHYL CARBINOL	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2622	GLYCIDALDEHYDE	3	6.1	II	–	1 ℓ	P001	–	IBC02	B8
2623	FIRELIGHTERS, SOLID with flammable liquid	4.1	– •	III	944	5 kg	P002 LP02	PP15	–	–
2624	MAGNESIUM SILICIDE	4.3	–	II	–	500 g	P410	PP31 PP40	IBC07	B2
2626	CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	5.1	–	II	900	1 ℓ	P504	PP31	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids. Explosive limits: 2.2% to 11%. 1-NITROPROPANE: flashpoint approx. 33°C c.c. 2-NITROPROPANE: flashpoint approx. 28°C c.c. Partially miscible with water. Harmful by inhalation.	2608
-	-	-	F-A, S-A	Category A. Keep as dry as reasonably practicable.	Liquid. Hydrolyses in contact with water, forming allyl alcohol. Toxic if swallowed, by skin contact or by inhalation.	2609
-	T4	TP1	F-E, S-C	Category A. Clear of living quarters.	Colourless liquid with a fishy odour. Flashpoint: 39°C o.c. Corrosive when in contact with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	2610
-	T7	TP2 TP13	F-E, S-D	Category A. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless flammable liquid with a mild odour. Flashpoint: 51°C c.c. Miscible with water. Decomposes when heated, evolving highly toxic fumes. Toxic if swallowed, by skin contact or by inhalation.	2611
-	T7	TP2	F-E, S-D	Category E. Clear of living quarters.	Colourless, volatile liquid with an ethereal odour. Flashpoint: below -18°C c.c. Explosion limits: 2% to ... Boiling point: 39°C. Partially miscible with water. Narcotic. Irritating to skin, eyes and mucous membranes.	2612
T4	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a pungent odour. Flashpoint: 34°C c.c. Miscible with water. Irritating to skin, eyes and mucous membranes.	2614
-	T4	TP1	F-E, S-D	Category E.	Colourless, volatile liquids. Flashpoint: below -18°C c.c. Explosive limits: 1.7%–9.0%. Miscible with water. Irritating to skin, eyes and mucous membranes.	2615
-	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: 17°C to 60°C c.c. Reacts with water, evolving flammable vapours.	2616
-	T2	TP1	F-E, S-D	Category A.	See entry above.	2616
-	T2	TP1	F-E, S-D	Category A.	Colourless, viscous liquid with a menthol-like odour. Flashpoint: 58°C c.c. Partially miscible with water.	2617
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids. Flashpoint: 54°C to 60°C c.c. Explosive limits: 0.9% to 6.1%. Partially miscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2618
T1	T7	TP2	F-E, S-C	Category A. Clear of living quarters. "Away from" sources of heat.	Colourless, flammable liquid with an aromatic odour. Flashpoint: 58°C c.c. Immiscible with water. Harmful if swallowed, by skin contact or by inhalation. Corrosive to skin, eyes and mucous membranes.	2619
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids. Flashpoint: 52°C to 58°C c.c. Partially miscible with water.	2620
T1	T2	TP1	F-E, S-D	Category A.	Yellow liquid with a pleasant odour. Flashpoint: 44°C to 52°C c.c. Miscible with water. Reacts vigorously with oxidizing substances. Irritating to skin, eyes and mucous membranes.	2621
T4	T7	TP1	F-E, S-D	Category A. Clear of living quarters.	Colourless liquid with a pungent odour. Flashpoint: 31°C o.c. Miscible with water. Toxic by inhalation. Irritating to skin, eyes and mucous membranes.	2622
-	-	-	F-A, S-I	Category A. "Separated from" acids.	A porous solid, e.g. cellular urea-formaldehyde resin, compacted wood shavings, etc., impregnated with flammable liquid, usually white spirit or kerosene, and designed to burn in a controlled manner. When heated, evolves flammable vapours.	2623
-	T3	TP33	F-G, S-O	Category B. Only to be loaded under dry weather conditions. Under deck in a mechanically ventilated space.	White powder or crystals. Reacts with water or steam, evolving hydrogen, a flammable gas. In contact with acid, evolves silane, a spontaneously flammable gas.	2624
-	-	-	F-A, S-Q	Category D. "Separated from" ammonium compounds and cyanides.	Colourless liquid. May decompose, evolving chlorine and oxygen with toxic, corrosive and oxidizing effects. May form explosive mixtures with ammonium compounds, combustible material or powdered metals. Corrosive to most metals. The carriage of chloric acid solution with a concentration exceeding 10% is prohibited.	2626

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2627	NITRITES, INORGANIC, N.O.S.	5.1	- •	II	900 944	1 kg	P002	-	IBC08	B3 B4
2628	POTASSIUM FLUOROACETATE	6.1	-	I	-	None	P002	-	IBC07	B1
2629	SODIUM FLUOROACETATE	6.1	-	I	-	None	P002	-	IBC07	B1
2630	SELENATES or SELENITES	6.1	- •	I	-	None	P002	-	IBC07	B1
2642	FLUOROACETIC ACID	6.1	-	I	-	None	P002	-	IBC07	B1
2643	METHYL BROMOACETATE	6.1	-	II	-	100 mL	P001	-	IBC02	-
2644	METHYL IODIDE	6.1	-	I	-	None	P001	-	-	-
2645	PHENACYL BROMIDE	6.1	-	II	-	500 g	P002	-	IBC08	B2 B4
2646	HEXACHLOROCYCLOPENTADIENE	6.1	-	I	-	None	P001	-	-	-
2647	MALONONITRILE	6.1	-	II	-	500 g	P002	-	IBC08	B2 B4
2648	1,2-DIBROMOBUTAN-3-ONE	6.1	-	II	-	100 mL	P001	-	IBC02	-
2649	1,3-DICHLOROACETONE	6.1	-	II	-	500 g	P002	-	IBC08	B2 B4
2650	1,1-DICHLORO-1-NITROETHANE	6.1	-	II	-	100 mL	P001	-	IBC02	-
2651	4,4'-DIAMINODIPHENYLMETHANE	6.1	- P	III	-	5 kg	P002 LP02	-	IBC08	B3
2653	BENZYL IODIDE	6.1	-	II	-	100 mL	P001	-	IBC02	-
2655	POTASSIUM FLUOROSILICATE	6.1	-	III	-	5 kg	P002 LP02	-	IBC08	B3
2656	QUINOLINE	6.1	-	III	-	5 L	P001 LP01	-	IBC03	-
2657	SELENIUM DISULPHIDE	6.1	-	II	-	500 g	P002	-	IBC08	B2 B4
2659	SODIUM CHLOROACETATE	6.1	-	III	-	5 kg	P002 LP02	-	IBC08	B3
2660	NITROTOLUIDINES (MONO)	6.1	-	III	-	5 kg	P002 LP02	-	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds, cyanides and sulphur.	Solids. Solid mixtures with combustible material are readily ignited and may burn fiercely. Solid mixtures with ammonium compounds or cyanides may explode. If heated, may decompose, giving off toxic nitrous fumes. Harmful if swallowed. The carriage of AMMONIUM NITRITE, or mixtures of an INORGANIC NITRITE with an AMMONIUM SALT is prohibited.	2627
–	T6	TP33	F-A, S-A	Category E.	Solid. Soluble in water. Highly toxic if swallowed, by skin contact or by dust inhalation.	2628
–	T6	TP33	F-A, S-A	Category E.	White powder. Soluble in water. Highly toxic if swallowed, by skin contact or by dust inhalation.	2629
–	T6	TP33	F-A, S-A	Category E.	A wide range of toxic solids. Generally soluble in water. Highly toxic if swallowed, by skin contact or by dust inhalation.	2630
–	T6	TP33	F-A, S-A	Category E.	Colourless crystals. Melting point: 33°C. Soluble in water. Highly toxic if swallowed, by skin contact or by dust inhalation.	2642
T4	T7	TP2	F-A, S-A	Category D. Clear of living quarters.	Colourless to straw-coloured liquid. Slightly miscible with water. Causes tears. Toxic if swallowed, by skin contact or by inhalation.	2643
T10	T14	TP2 TP13	F-A, S-A	Category C. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless liquid. Boiling point: 42°C to 43°C. Slightly miscible with water. When heated, evolves toxic fumes. Highly toxic if swallowed, by skin contact or by inhalation. Has strong narcotic effects.	2644
–	T3	TP33	F-A, S-A	Category B. Clear of living quarters.	White crystals changing to a greenish colour under the influence of light. Melting point: 50°C. Insoluble in water. Causes tears. Toxic if swallowed, by skin contact or by inhalation.	2645
T10	T14	TP2 TP13	F-A, S-A	Category D. Clear of living quarters.	Pale yellow liquid with a pungent odour. Immiscible with water. Causes tears. Highly toxic if swallowed, by skin contact or by inhalation.	2646
–	T3	TP33	F-A, S-A	Category A. Keep as cool as reasonably practicable.	Colourless crystals. Melting point: 32°C. Soluble in water. When heated, evolves highly toxic cyanogen fumes. Toxic if swallowed, by skin contact or by dust inhalation.	2647
–	–	–	F-A, S-A	Category B. Clear of living quarters.	Liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation. Causes tears.	2648
–	T3	TP33	F-A, S-A	Category B. Keep as cool as reasonably practicable. Clear of living quarters.	Crystals. Melting point: 45°C. Soluble in water. Decomposes when heated, evolving highly toxic fumes. Toxic if swallowed, by skin contact or by dust inhalation. Causes tears.	2649
T4	T7	TP2	F-A, S-A	Category A. Keep as cool as reasonably practicable. Clear of living quarters. "Separated from" class 5.1.	Liquid. Immiscible with water. May react vigorously with oxidizing substances. Decomposes when heated, evolving highly toxic fumes (oxides of nitrogen). Toxic if swallowed, by skin contact or by inhalation.	2650
–	T1	TP33	F-A, S-A	Category A.	Tan-coloured flakes or lumps. Slightly soluble in water. Decomposes when heated, evolving highly toxic fumes. Toxic if swallowed, by skin contact or by dust inhalation. May be carried in the molten state.	2651
T4	T7	TP2	F-A, S-A	Category B. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless crystals. Melting point: 24°C. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation. Causes tears.	2653
–	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	Solids which react with acids, evolving hydrogen fluoride and silicon tetrafluoride, irritating and corrosive gases. Toxic if swallowed, by skin contact or by dust inhalation.	2655
–	T4	TP1	F-A, S-A	Category A. Keep as cool as reasonably practicable.	Colourless liquid with a pungent odour. Immiscible with water. When heated, evolves highly toxic fumes (of oxides of nitrogen). Toxic if swallowed, by skin contact or by inhalation.	2656
–	T3	TP33	F-A, S-A	Category A.	Bright red-yellow crystals with a faint odour. Insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	2657
–	T1	TP33	F-A, S-A	Category A.	White powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2659
–	T1	TP33	F-A, S-A	Category A.	Yellow to orange-red crystalline solids. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2660

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2661	HEXACHLOROACETONE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2664	DIBROMOMETHANE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2667	BUTYLTOLUENES	6.1	–	III	944	5 ℓ	P001 LP01	–	IBC03	–
2668	CHLOROACETONITRILE	6.1	3	II	–	100 ml	P001	–	IBC99	–
2669	CHLOROCRESOLS SOLUTION	6.1	–	II	–	100 ml	P001	–	IBC02	–
2669	CHLOROCRESOLS SOLUTION	6.1	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2670	CYANURIC CHLORIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2671	AMINOPYRIDINES	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2672	AMMONIA SOLUTION relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia by mass	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	B11
2673	2-AMINO-4-CHLOROPHENOL	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2674	SODIUM FLUOROSILICATE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2676	STIBINE	2.3	2.1	–	–	None	P200	–	–	–
2677	RUBIDIUM HYDROXIDE SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
2677	RUBIDIUM HYDROXIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2678	RUBIDIUM HYDROXIDE, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2679	LITHIUM HYDROXIDE SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
2679	LITHIUM HYDROXIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2680	LITHIUM HYDROXIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T4	TP1	F-A, S-A	Category B. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless to yellowish liquid. Slightly miscible with water. When heated, evolves extremely toxic fumes (phosgene). Causes tears. Toxic if swallowed, by skin contact or by inhalation.	2661
–	T4	TP1	F-A, S-A	Category A.	Clear, colourless liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2664
T2	T4	TP1	F-A, S-A	Category A.	Colourless liquids. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2667
T4	T7	TP2	F-A, S-A	Category A. Keep as cool as reasonably practicable. Clear of living quarters. "Separated from" acids.	Colourless flammable liquid with a pungent odour. Flashpoint: 56°C c.c. Immiscible with water. Decomposes when heated, evolving highly toxic fumes of cyanides. Reacts with steam and acids, evolving toxic and flammable vapours. Toxic if swallowed, by skin contact or by inhalation.	2668
T4	T7	TP2	F-A, S-A	Category A. Keep as cool as reasonably practicable.	Solutions with a phenol-like odour. Slightly miscible with water. Decompose when heated, evolving extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation.	2669
T4	T7	TP2	F-A, S-A	Category A. Keep as cool as reasonably practicable.	See entry above.	2669
–	T3	TP33	F-A, S-B	Category A. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless crystals with a pungent odour. Reacts with water, forming toxic and corrosive acids. Decomposes when heated, evolving toxic and corrosive gases. Causes burns to skin, eyes and mucous membranes.	2670
–	T3	TP33	F-A, S-A	Category B. Keep as cool as reasonably practicable. Clear of living quarters. "Separated from" acids.	White powder or crystals. Melting points: 58°C to 64°C. Soluble in water. Reacts violently with acids. Toxic if swallowed, by skin contact or by dust inhalation.	2671
–	T7	TP1	F-A, S-B	Category A. UNDER DECK IN A MECHANICALLY VENTILATED SPACE. Clear of living quarters. "Separated from" acids.	Colourless liquid with a pungent odour. Corrosive to copper, nickel, zinc and tin and their alloys such as brass. Not significantly corrosive to iron and steel. Reacts violently with acids. Liquid and vapour cause burns to skin, eyes and mucous membranes.	2672
–	T3	TP33	F-A, S-A	Category A.	Light brown crystals. Slightly soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2673
–	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	Solids which react with acids, evolving hydrogen fluoride and silicon tetrafluoride, irritating and corrosive gases. Toxic if swallowed, by skin contact or by dust inhalation.	2674
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Flammable, toxic, colourless gas with a foul odour. Decomposes violently in the presence of water. Much heavier than air (4.3).	2676
T4	T7	TP2	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	Liquid. Reacts violently with acids. Reacts with ammonium salts, evolving ammonia gas. Corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes.	2677
T3	T4	TP1	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	See entry above.	2677
–	T3	TP33	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	Greyish-white solid, very hygroscopic. Reacts violently with acids. Reacts with ammonium salts, evolving ammonia gas. In the presence of moisture, corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes.	2678
T4	T7	TP2	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	Colourless liquid. Reacts violently with acids. Reacts with ammonium salts, evolving ammonia gas. Corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes.	2679
–	T4	TP2	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	See entry above.	2679
–	T3	TP33	F-A, S-B	Category A. "Separated from" acids.	Colourless crystals. Soluble in water. Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.	2680

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2681	CAESIUM HYDROXIDE SOLUTION	8	–	II	–	1 ℓ	P001	–	IBC02	–
2681	CAESIUM HYDROXIDE SOLUTION	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2682	CAESIUM HYDROXIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2683	AMMONIUM SULPHIDE SOLUTION	8	3/6.1	II	–	1 ℓ	P001	–	IBC01	–
2684	3-DIETHYLAMINOPROPYLAMINE	3	8	III	–	5 ℓ	P001	–	IBC03	–
2685	N,N-DIETHYLETHYLENEDIAMINE	8	3	II	–	1 ℓ	P001	–	IBC02	–
2686	2-DIETHYLAMINOETHANOL	8	3	II	–	1 ℓ	P001	–	IBC02	–
2687	DICYCLOHEXYLAMMONIUM NITRITE	4.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2688	1-BROMO-3-CHLOROPROPANE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2689	GLYCEROL- <i>alpha</i> -MONOCHLOROHYDRIN	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2690	N, n-BUTYLIMIDAZOLE	6.1	–	II	–	100 ml	P001	–	IBC02	–
2691	PHOSPHORUS PENTABROMIDE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2692	BORON TRIBROMIDE	8	–	I	–	None	P602	–	–	–
2693	BISULPHITES, AQUEOUS SOLUTION, N.O.S.	8	– •	III	274 944	5 ℓ	P001 LP01	–	IBC03	–
2698	TETRAHYDROPHTHALIC ANHYDRIDES with more than 0.05% maleic anhydride	8	–	III	29 169 939	5 kg	P002 LP02	PP14	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T4	T7	TP2	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	Colourless liquid. Reacts violently with acids. Reacts with ammonium salts, evolving ammonia gas. Corrosive to glass, aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes.	2681
T3	T4	TP1	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	See entry above.	2681
–	T3	TP33	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	Colourless or yellowish hygroscopic crystals. Reacts violently with acids. Reacts with ammonium salts, evolving ammonia gas. In the presence of moisture, corrosive to glass, aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes.	2682
–	T7	TP2 TP13	F-E, S-C	Category B. Keep as cool as reasonably practicable. "Separated from" acids. If flashpoint 60°C c.c. or below, segregation as for class 3, but "Away from" class 4.1.	Yellow liquid with a foul odour (of rotten eggs). When heated, evolves toxic and flammable vapours. Reacts violently with acids, evolving hydrogen sulphide, a toxic and flammable gas. Toxic if swallowed, by skin contact or by inhalation. Corrosive to skin, eyes and mucous membranes.	2683
–	T4	TP1	F-E, S-C	Category A.	Colourless liquid with a fishy odour. Flashpoint: 59°C o.c. Miscible with water. Irritating to skin, eyes and mucous membranes.	2684
T4	T7	TP2	F-E, S-C	Category A.	Colourless, flammable liquid with a fishy odour. Flashpoint: 46°C o.c. Miscible with water. Harmful by skin contact. Irritating to eyes and mucous membranes.	2685
T4	T7	TP2	F-E, S-C	Category A.	Colourless liquid. Miscible with water. Reacts violently with oxidizing substances. Explosive limits: 1.8% to 28%. Flashpoint: 46°C to 60°C c.c. Causes burns to skin, eyes and mucous membranes.	2686
–	T1	TP33	F-A, S-G	Category A.	White powder. Insoluble in water. Harmful if swallowed.	2687
T2	T4	TP1	F-A, S-A	Category A.	Colourless liquid. Immiscible with water. Decomposes when heated, evolving highly toxic fumes. Toxic if swallowed, by skin contact or by inhalation.	2688
T2	T4	TP1	F-A, S-A	Category A.	Colourless liquid. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2689
T4	T7	TP2	F-A, S-A	Category A.	Colourless to amber mobile liquid. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2690
–	T3	TP33	F-A, S-B	Category B. Keep as cool as reasonably practicable. Clear of living quarters. "Separated from" alkalis and ammonia.	Yellow hygroscopic crystals, evolving fumes in the air which are corrosive and heavier than air. Reacts violently with water, evolving hydrogen bromide, an irritating and corrosive gas apparent as white fumes. Reacts violently with ammonia, bases and many other substances and may cause fire and explosion. Decomposes when heated, evolving corrosive and toxic gases. In the presence of moisture, highly corrosive, to most metals. Causes burns to skin, eyes and mucous membranes.	2691
T10	T20	TP2 TP12 TP13	F-A, S-B	Category C. Keep as cool as reasonably practicable.	Colourless fuming liquid. Reacts violently with water, evolving toxic and corrosive fumes. Decomposes when heated, evolving toxic fumes. In the presence of moisture, highly corrosive to most metals. Liquid and vapour cause severe burns to skin, eyes and mucous membranes.	2692
–	T7	TP1 TP28	F-A, S-B	Category A. Clear of living quarters. "Separated from" acids.	Liquid with a pungent odour. Reacts with acids, evolving sulphur dioxide, a toxic gas. Causes burns to skin, eyes and mucous membranes.	2693
–	T1	TP33	F-A, S-B	Category A.	White crystalline powders. React with water, evolving heat and forming tetrahydrophthalic acid. Cause burns to skin, eyes and mucous membranes. When heated, evolve acid fumes which are irritating to skin, eyes and mucous membranes.	2698

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2699	TRIFLUOROACETIC ACID	8	–	I	–	None	P001	–	–	–
2705	1-PENTOL	8	–	II	–	1 ℓ	P001	–	IBC02	–
2707	DIMETHYLDIOXANES	3	–	II	–	1 ℓ	P001	–	IBC02	–
2707	DIMETHYLDIOXANES	3	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2709	BUTYLBENZENES	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2710	DIPROPYL KETONE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2713	ACRIDINE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2714	ZINC RESINATE	4.1	–	III	–	5 kg	P002	–	IBC06	–
2715	ALUMINIUM RESINATE	4.1	–	III	–	5 kg	P002	–	IBC06	–
2716	1,4-BUTYNE DIOL	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2717	CAMPHOR synthetic	4.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2719	BARIUM BROMATE	5.1	6.1	II	–	1 kg	P002	–	IBC08	B2 B4
2720	CHROMIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2721	COPPER CHLORATE	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
2722	LITHIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T10	TP2 TP12	F-A, S-B	Category B. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless, fuming, hygroscopic liquid with a pungent odour. Miscible with water. When heated to decomposition or in contact with acids evolves toxic gases. In the presence of moisture, highly corrosive to most metals. Vapours are highly irritating to skin, eyes and mucous membranes. Liquid causes severe burns to skin, eyes and mucous membranes.	2699
T4	T7	TP2	F-A, S-B	Category B. "Away from" acids and alkalis.	Colourless liquid with a perceptible odour. May react in contact with acids and alkalis. Causes burns to skin, eyes and mucous membranes.	2705
–	T4	TP1	F-E, S-D	Category B.	Colourless liquids with a pungent odour. Partially miscible with water. React vigorously with oxidizing substances. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2707
T4	T2	TP1	F-E, S-D	Category A.	See entry above.	2707
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquids with an unpleasant odour. Flashpoint: 34°C to 60°C c.c. Explosive limits: 0.7% to 6.9%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2709
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 49°C c.c. Immiscible with water.	2710
–	T1	TP33	F-A, S-A	Category A.	Small colourless to yellowish crystals or needles. Sublimes at 100°C. Practically insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	2713
–	T1	TP33	F-A, S-I	Category A.	Powder or clear amber lumps. Insoluble in water. Liable to spontaneous heating. Irritating to skin and mucous membranes.	2714
–	T1	TP33	F-A, S-I	Category A.	Cream to brown coloured mass. Insoluble in water. Liable to spontaneous heating. Irritating to skin and mucous membranes.	2715
–	T1	TP33	F-A, S-A	Category A. "Separated from" acids, alkalis, mercury salts, UN 3052 and UN 3461.	White crystals. Melting point: 58°C. Soluble in water. Forms explosive mixtures with mercury salts, strong acids, alkaline compounds and halides. Toxic if swallowed, by skin contact or by inhalation.	2716
–	T1	TP33	F-A, S-I	Category A.	Colourless or white crystals, granules or easily broken masses with a penetrating, pungent and aromatic odour. Slightly soluble in water. When heated, evolves flammable and explosive vapours. Harmful if swallowed.	2717
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White crystals or powder. Slightly soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion. Toxic if swallowed, by skin contact or by dust inhalation.	2719
–	T1	TP33	F-A, S-Q	Category A.	Purple crystals. Mixtures with combustible material are readily ignited and may burn fiercely. Solutions in water are slightly corrosive. Harmful if swallowed.	2720
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Blue-green deliquescent crystals or powder. Soluble in water. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion.	2721
–	T1	TP33	F-A, S-Q	Category A.	Colourless deliquescent crystals. Soluble in water. Mixtures with combustible material are readily ignited and burn fiercely. Harmful if swallowed.	2722

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2723	MAGNESIUM CHLORATE	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
2724	MANGANESE NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2725	NICKEL NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2726	NICKEL NITRITE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2727	THALLIUM NITRATE	6.1	5.1P	II	–	500 g	P002	–	IBC06	B2
2728	ZIRCONIUM NITRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2729	HEXACHLOROBENZENE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2730	NITROANISOLE, LIQUID	6.1	–	III	279	5 ℓ	P001 LP01	–	IBC03	–
2732	NITROBROMOBENZENES, LIQUID	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	8 ●	I	274	None	P001	–	–	–
2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	8 ●	II	274 944	1 ℓ	P001	–	IBC02	–
2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	8 ●	III	223 274 944	5 ℓ	P001	–	IBC03	–
2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	8	3 ●	I	274	None	P001	–	–	–
2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	8	3 ●	II	274 944	1 ℓ	P001	–	IBC02	–
2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	– ●	I	274	None	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	White deliquescent crystals or powder. Soluble in water. Melting point: 35°C. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion. The cargoes should be protected from moisture prior to and after loading. If weather is inclement, hatches should be closed.	2723
–	T1	TP33	F-A, S-Q	Category A.	Pale pink deliquescent crystals. Soluble in water. Melting point between 26°C and 35°C. Mixtures with combustible material are readily ignited and may burn fiercely. Solutions in water are slightly corrosive. Harmful if swallowed.	2724
–	T1	TP33	F-A, S-Q	Category A.	Green deliquescent crystals. Soluble in water. Melting point: 55°C. Mixtures with combustible material are readily ignited and may burn fiercely. Solutions in water are slightly corrosive. Harmful if swallowed.	2725
–	T1	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Reddish-yellow crystals. Decomposes if heated, giving off toxic nitrous fumes. Mixtures with combustible material are readily ignited and may burn fiercely. Mixtures with ammonium compounds or cyanides may explode. Harmful if swallowed.	2726
–	T3	TP33	F-A, S-Q	Category A.	Colourless crystals. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Toxic if swallowed, by skin contact or by dust inhalation.	2727
–	T1	TP33	F-A, S-Q	Category A.	White crystals, flakes or powder. Soluble in water. Solutions in water are slightly corrosive. Harmful if swallowed.	2728
–	T1	TP33	F-A, S-A	Category A.	White needle-like crystals. Insoluble in water. Decomposes when heated, evolving highly toxic fumes. Toxic if swallowed, by skin contact or by dust inhalation.	2729
–	T4	TP1	F-A, S-A	Category A.	Light reddish or amber liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2730
–	T4	TP1	F-A, S-A	Category A.	Colourless to pale yellow liquids. Melting point of 1-BROMO-3-NITROBENZENE: 17°C. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2732
T11	T14	TP1 TP9 TP27	F-E, S-C	Category D. Clear of living quarters. "Separated from" acids.	Colourless to yellowish liquids with an unpleasant odour. Some are very volatile. Miscible with water. Corrosive to most metals, especially to copper and its alloys. When involved in a fire, evolve toxic gases. React violently with acids. Harmful by inhalation. Cause burns to skin, eyes and mucous membranes.	2733
–	T11	TP1 TP27	F-E, S-C	Category B. Clear of living quarters. "Separated from" acids.	See entry above.	2733
–	T7	TP1 TP28	F-E, S-C	Category A. Clear of living quarters. "Separated from" acids.	See entry above.	2733
–	T14	TP2 TP9 TP27	F-E, S-C	Category A. "Separated from" acids.	Colourless to yellowish flammable liquids or solutions with a pungent odour. Miscible with water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. React violently with acids. Cause burns to skin, eyes and mucous membranes.	2734
T4	T11	TP2 TP27	F-E, S-C	Category A. "Separated from" acids.	See entry above.	2734
T11	T14	TP2 TP9 TP27	F-A, S-B	Category A. "Separated from" acids.	Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. React violently with acids. Cause burns to skin, eyes and mucous membranes.	2735

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	– ●	II	274 944	1 ℓ	P001	–	IBC02	–
2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	– ●	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
2738	N-BUTYLANILINE	6.1	–	II	–	100 mL	P001	–	IBC02	–
2739	BUTYRIC ANHYDRIDE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2740	PROPYL CHLOROFORMATE	6.1	3/8	I	–	None	P602	–	–	–
2741	BARIUM HYPOCHLORITE with more than 22% available chlorine	5.1	6.1	II	–	1 kg	P002	–	IBC08	B2 B4
2742	CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	6.1	3/8 ●	II	–	100 mL	P001	–	IBC01	–
2743	BUTYL CHLOROFORMATE	6.1	3/8	II	–	100 mL	P001	–	–	–
2744	CYCLOBUTYL CHLOROFORMATE	6.1	3/8	II	–	100 mL	P001	–	IBC01	–
2745	CHLOROMETHYL CHLOROFORMATE	6.1	8	II	–	100 mL	P001	–	IBC02	–
2746	PHENYL CHLOROFORMATE	6.1	8	II	–	100 mL	P001	–	IBC02	–
2747	tert-BUTYLCYCLOHEXYL CHLOROFORMATE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T11	TP1 TP27	F-A, S-B	Category A. "Separated from" acids.	See entry above.	2735
–	T7	TP1 TP28	F-A, S-B	Category A. "Separated from" acids.	See entry above.	2735
T4	T7	TP2	F-A, S-A	Category A. "Separated from" class 5.1.	Amber liquid with a perceptible odour. Immiscible with water. May react vigorously with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	2738
T2	T4	TP1	F-A, S-B	Category A.	Colourless liquid. Decomposes in water to form butyric acid.	2739
–	T20	TP2 TP13	F-E, S-C	Category B. Segregation as for class 3, but "Away from" class 4.1. Clear of living quarters.	Colourless flammable liquid. Flashpoint: 28°C c.c. Decomposed by water, generating propyl alcohol. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2740
–	T3	TP33	F-H, S-Q	Category B. "Separated from" ammonium compounds, acids, cyanides, hydrogen peroxide and liquid organic substances.	White powder with pungent odour. Reacts with acids, evolving chlorine, an irritating, corrosive and toxic gas. Reacts fiercely with cyanides when heated or by friction. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are sensitive to friction and are liable to ignite. When involved in a fire may cause an explosion. Toxic if swallowed, by skin contact or by dust inhalation. Dust irritates mucous membranes. Contact with eyes will cause serious injury to the cornea (blindness) if not treated immediately by using copious amounts of water followed by medical attention.	2741
–	–	–	F-E, S-C	Category A. Keep as cool and dry as reasonably practicable. Shaded from radiant heat. Clear of living quarters. Segregation as for class 3, but "Away from" class 4.1.	A wide range of colourless to yellowish flammable liquids. React and decompose with water or heat, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Flashpoints: Cyclohexyl Chloroformate: 53°C c.c. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	2742
T10	T20	TP2 TP13	F-E, S-C	Category A. Keep as cool and dry as reasonably practicable. Shaded from radiant heat. Clear of living quarters. Segregation as for class 3, but "Away from" class 4.1.	A wide range of colourless to yellowish flammable liquids. React and decompose with water or heat, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Flashpoint: 32°C c.c. to 39°C c.c. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	2743
–	T7	TP2 TP13	F-E, S-C	Category A. Keep as cool and dry as reasonably practicable. Shaded from radiant heat. Clear of living quarters. Segregation as for class 3, but "Away from" class 4.1.	A wide range of colourless to yellowish flammable liquids. React and decompose with water or heat, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Flashpoint: 38°C c.c. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	2744
–	T7	TP2 TP13	F-A, S-B	Category A. Keep as cool and dry as reasonably practicable. Shaded from radiant heat. Clear of living quarters.	A wide range of colourless to yellowish liquids. React and decompose with water or heat, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	2745
–	T7	TP2 TP13	F-A, S-B	Category A. Keep as cool and dry as reasonably practicable. Shaded from radiant heat. Clear of living quarters.	A wide range of colourless to yellowish liquids. React and decompose with water or heat, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	2746
–	T4	TP1	F-A, S-A	Category A. Keep as cool and dry as reasonably practicable. Shaded from radiant heat.	Colourless to yellowish liquid. Reacts with water or decomposes if heated, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Toxic if swallowed, by skin contact or by inhalation.	2747

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2748	2-ETHYLHEXYL CHLOROFORMATE	6.1	8	II	–	100 mL	P001	–	IBC02	–
2749	TETRAMETHYLSILANE	3	–	I	–	None	P001	–	–	–
2750	1,3-DICHLOROPROPANOL-2	6.1	–	II	–	100 mL	P001	–	IBC02	–
2751	DIETHYLTHIOPHOSPHORYL CHLORIDE	8	–	II	–	1 L	P001	–	IBC02	–
2752	1,2-EPOXY-3-ETHOXYPROPANE	3	–	III	–	5 L	P001 LP01	–	IBC03	–
2753	N-ETHYLBENZYL TOLUIDINES, LIQUID	6.1	–	III	–	5 L	P001 LP01	–	IBC03	–
2754	N-ETHYL TOLUIDINES	6.1	–	II	–	100 mL	P001	–	IBC02	–
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 L	P001	–	IBC02	–
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 L	P001	–	IBC02	–
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T7	TP2 TP13	F-A, S-B	Category A. Keep as cool and dry as reasonably practicable. Shaded from radiant heat. Clear of living quarters.	A wide range of colourless to yellowish liquids. React and decompose with water or heat, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	2748
–	T14	TP2	F-E, S-D	Category D.	Colourless, volatile liquid. Flashpoint: below –18°C c.c. Boiling point: 27°C. Immiscible with water. Harmful if swallowed or by inhalation. Irritating to skin, eyes and mucous membranes.	2749
T4	T7	TP2	F-A, S-A	Category A. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless, slightly viscous liquid with a chloroform-like odour. Immiscible with water. Decomposes when heated, evolving extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation.	2750
T4	T7	TP2	F-A, S-B	Category D. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless liquid with a perceptible odour. Reacts slowly with water, forming hydrochloric acid. When involved in a fire, evolves toxic gases (hydrogen chloride and sulphur dioxide). Vapour highly irritating to eyes and mucous membranes. Liquid causes burns to skin, eyes and mucous membranes.	2751
T1	T2	TP1	F-E, S-D	Category A.	Immiscible with water. Flashpoint: 47°C c.c. Irritating to skin, eyes and mucous membranes.	2752
–	T7	TP1	F-A, S-A	Category A.	Liquids with a strong odour. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2753
–	T7	TP2	F-A, S-A	Category A.	Colourless to light amber flammable liquids. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2754
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2757
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2757
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2757
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2758
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2758
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2759
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2759
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2759
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2760
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2760
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2761
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2761

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 ℓ	P001	–	IBC02	–
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002	–	IBC08	B3
2764	TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
2764	TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 ℓ	P001	–	IBC02	–
2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 ℓ	P001	–	IBC02	–
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 ℓ	P001	–	IBC02	–
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	– PP	I	61 274	None	P002	–	IBC07	B1
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	– PP	II	61 274	500 g	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2761
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2762
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2762
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2763
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2763
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2763
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2764
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2764
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2771
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2771
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2771
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2772
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2772
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2775
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2775
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2775
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2776
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2776
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2777
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2777

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	– PP	III	61 223 274	500 g	P002 LP02	–	IBC08	B3
2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 PP	I	61 274	None	P001	–	–	–
2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 PP	II	61 274	500 ml	P001	–	IBC02	–
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
2780	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
2780	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 l	P001	–	IBC02	–
2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 l	P001	–	IBC02	–
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 l	P001	–	IBC02	–
2785	4-THIAPENTANAL	6.1	–	III	–	5 l	P001 LP01	PP31	IBC03	–
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	– PP	I	61 274	None	P002	–	IBC07	B1

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2777
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2778
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2778
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2779
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2779
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2779
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2780
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2780
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2781
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2781
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2781
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2782
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2782
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2783
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2783
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2783
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2784
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2784
–	T4	TP1	F-A, S-A	Category D. Shaded from radiant heat. "Away from" acids and alkalis.	Colourless liquid with an extremely foul and persistent odour. Miscible with water. Decomposes rapidly in contact with acids and bases. Toxic if swallowed, by skin contact or by inhalation.	2785
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	2786

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	– PP	II	61 274	500 g	P002	–	IBC08	B2 B4
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	– PP	III	61 223 274	500 g	P002 LP02	–	IBC08	B3
2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 PP	I	61 274	None	P001	–	–	–
2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 PP	II	61 274	500 ml	P001	–	IBC02	–
2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	– PP	I	43 274	None	P001	–	–	–
2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	– PP	II	43 274	100 ml	P001	–	IBC02	–
2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	– PP	III	43 223 274	500 ml	P001 LP01	–	IBC03	–
2789	ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION, more than 80% acid, by mass	8	3	II	–	1 ℓ	P001	–	IBC02	–
2790	ACETIC ACID SOLUTION not less than 50% but not more than 80% acid, by mass	8	–	II	–	1 ℓ	P001	–	IBC02	–
2790	ACETIC ACID SOLUTION more than 10% and less than 50% acid, by mass	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2793	FERROUS METAL BORINGS, SHAVINGS, TURNINGS, or CUTTINGS in a form liable to self-heating	4.2	–	III	223 931	None	P003 LP02	PP20	IBC08	B3 B6
2794	BATTERIES, WET, FILLED WITH ACID electric storage	8	–	–	295	1 ℓ	P801	–	–	–
2795	BATTERIES, WET, FILLED WITH ALKALI electric storage	8	–	–	295	1 ℓ	P801	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2786
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2786
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2787
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2787
T7	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category A. Clear of living quarters.	A wide variety of toxic liquids. Toxic if swallowed, by skin contact or by inhalation.	2788
–	T11	TP2 TP13 TP27	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2788
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2788
T4	T7	TP2	F-E, S-C	Category A.	Colourless flammable liquid with a pungent odour. When pure, crystallizes below 16°C. Flashpoint: 40°C c.c. (pure product), 60°C c.c. (80% solution). Explosive limits: 4% to 17%. Miscible with water. Corrosive to lead and most other metals. Corrosive to skin, eyes and mucous membranes.	2789
T4	T7	TP2	F-A, S-B	Category A.	Colourless liquid with a pungent odour. Miscible with water. Corrosive to lead and most other metals. Corrosive to skin, eyes and mucous membranes.	2790
–	T4	TP1	F-A, S-B	Category A.	See entry above.	2790
–	BK2	–	F-G, S-J	Category A.	These cargoes are liable to self-heating and to ignite spontaneously, particularly when in a finely divided form, wet or contaminated with such materials as unsaturated cutting oil, oily rags and other combustible matter. Self-heating or inadequate ventilation may cause dangerous depletion of oxygen in the stowage spaces. Excessive amounts of cast iron borings or organic materials may encourage heating. The swarf should be protected from moisture prior to and after loading. If, during loading, the weather is inclement, hatches should be closed or otherwise protected to keep the material dry.	2793
–	–	–	F-A, S-B	Category A. For unit loads in open cargo transport units, category B.	Metal plates immersed in acid electrolyte in a glass, hard rubber or plastics receptacle. When electrically charged, may cause fire through short-circuiting of terminals. Acid electrolyte is corrosive to most metals. Cause burns to skin, eyes and mucous membranes. Used batteries being transported for disposal or reclamation should be carefully checked prior to shipment to ensure the integrity of each battery and its suitability for transport.	2794
–	–	–	F-A, S-B	Category A. For unit loads in open cargo transport units, category B. "Separated from" acids.	Metal plates immersed in alkaline electrolyte in a glass, hard rubber or plastics receptacle. When electrically charged, may cause fire through short-circuiting of terminals. Alkaline electrolyte is corrosive to aluminium, zinc and tin. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes. Used batteries being transported for disposal or reclamation should be carefully checked prior to shipment to ensure the integrity of each battery and its suitability for transport.	2795

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2796	SULPHURIC ACID with not more than 51% acid or BATTERY FLUID, ACID	8	–	II	–	1 ℓ	P001	–	IBC02	B20
2797	BATTERY FLUID, ALKALI	8	–	II	–	1 ℓ	P001	–	IBC02	–
2798	PHENYLPHOSPHORUS DICHLORIDE	8	–	II	–	1 ℓ	P001	–	IBC02	–
2799	PHENYLPHOSPHORUS THIODICHLORIDE	8	–	II	–	1 l	P001	–	IBC02	–
2800	BATTERIES, WET, NON-SPILLABLE electric storage	8	–	–	29 238	1 ℓ	P003	PP16	–	–
2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	8	– •	I	274	None	P001	–	–	–
2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	8	– •	II	274 944	1 ℓ	P001	–	IBC02	–
2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	8	– •	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
2802	COPPER CHLORIDE	8	– PP	III	–	500 g	P002 LP02	–	IBC08	B3
2803	GALLIUM	8	–	III	–	5 kg	P800	PP41	–	–
2805	LITHIUM HYDRIDE, FUSED SOLID	4.3	–	II	–	500 g	P410	PP31 PP40	IBC04	–
2806	LITHIUM NITRIDE	4.3	–	I	–	None	P403	PP31	IBC04	B1
2809	MERCURY	8	–	III	941	5 kg	P800	–	–	–
2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	– •	I	274 315	None	P001	–	–	–
2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	– •	II	274	100 ml	P001	–	IBC02	–
2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	– •	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	– •	I	274	None	P002	–	IBC99	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
TP28	T8	TP2 TP12	F-A, S-B	Category B.	Colourless liquid, mixture not exceeding 1.405 relative density. Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2796
-	T7	TP2 TP28	F-A, S-B	Category A. "Away from" ammonium salts. "Separated from" acids.	Reacts violently with acids. Reacts with ammonium salts, evolving ammonia gas. Corrosive to aluminium, zinc and tin.	2797
T4	T7	TP2	F-A, S-B	Category B. Clear of living quarters.	Colourless liquid. Hydrolyses in water. Fumes in air. Causes burns to skin, eyes and mucous membranes.	2798
T4	T7	TP2	F-A, S-B	Category B. Clear of living quarters.	Colourless liquid which fumes slightly in air. Reacts with water or steam, evolving toxic and flammable vapours. Causes burns to skin, eyes and mucous membranes.	2799
-	-	-	F-A, S-B	Category A.	Metal plates immersed in gelled alkaline or acid electrolyte in a glass, hard rubber or plastics receptacle of a non-spillable type. When electrically charged, may cause fire through short-circuiting of terminals. Cause burns to skin, eyes and mucous membranes.	2800
T7	T14	TP2 TP9 TP27	F-A, S-B	Category A.	A wide range of corrosive liquids. Causes burns to skin, eyes and mucous membranes.	2801
-	T11	TP2 TP27	F-A, S-B	Category A.	See entry above.	2801
T3	T7	TP1 TP28	F-A, S-B	Category A.	See entry above.	2801
-	T1	TP33	F-A, <u>S-B</u>	Category A.	White to yellow-brown crystals or powder. Partially to fully soluble in water. Corrosive to steel. Causes burns to skin, eyes and mucous membranes.	2802
-	T1	TP33	F-A, S-B	Category B. "Away from" sources of heat.	Silvery-white metallic element that melts at 29°C, becoming a bright, shiny liquid. Insoluble in water. Highly corrosive to aluminium. Harmful if swallowed, by skin contact or by inhalation. Special care should be taken if a leakage occurs when carried in aluminium freight containers. Carriage should be prohibited in hovercraft and other ships constructed from aluminium.	2803
-	T3	TP33	F-G, S-N	Category E. "Separated from" acids.	White, crystalline mass. Reacts with water, moisture or acids, evolving hydrogen which may be ignited by the heat of the reaction.	2805
-	-	-	F-A, S-O	Category E.	Brownish-red crystals or fine, free-flowing powder. Reacts slowly with water to form lithium hydroxide and ammonia.	2806
-	-	-	F-A, <u>S-B</u>	Category B. Clear of living quarters. "Away from" azides.	A silvery metallic element occurring in the liquid state at normal temperatures. Relative density: 13.546. Melting point: -39°C. Highly corrosive to aluminium. Toxic by vapour inhalation. Special care should be taken if a leakage occurs during transport, especially when carried in breakable packages and in aluminium freight containers. Carriage should be prohibited in hovercraft and other ships constructed from aluminium.	2809
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	2810
-	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	2810
-	T7	TP1 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2810
-	T6	TP9 TP33	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	2811

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	– ●	II	274	500 g	P002	–	IBC08	B2 B4
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	– ●	III	223 274 944	5 kg	P002	–	IBC08	B3
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	– ●	I	274	None	P403	PP31 PP83	IBC99	–
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	– ●	II	274	500 g	P410	PP31 PP40 PP83	IBC07	B2
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	– ●	III	223 274 944	1 kg	P410	PP31 PP83	IBC08	B4
2814	INFECTIOUS SUBSTANCE, AFFECTING HUMANS	6.2	–	–	318	None	P620	–	–	–
2815	N-AMINOETHYLPIPERAZINE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2817	AMMONIUM HYDROGENDIFLUORIDE SOLUTION	8	6.1	II	–	1 ℓ	P001	–	IBC02	B20
2817	AMMONIUM HYDROGENDIFLUORIDE SOLUTION	8	6.1	III	223	5 ℓ	P001	–	IBC03	–
2818	AMMONIUM POLYSULPHIDE SOLUTION	8	6.1	II	–	1 ℓ	P001	–	IBC02	–
2818	AMMONIUM POLYSULPHIDE SOLUTION	8	6.1	III	223	5 ℓ	P001	–	IBC03	–
2819	AMYL ACID PHOSPHATE	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2820	BUTYRIC ACID	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2821	PHENOL SOLUTION	6.1	–	II	–	100 ml	P001	–	IBC02	–
2821	PHENOL SOLUTION	6.1	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
2822	2-CHLOROPYRIDINE	6.1	–	II	–	100 ml	P001	–	IBC02	–
2823	CROTONIC ACID, SOLID	8	–	III	–	5 kg	P002 LP02	–	IBC08	B2 B3
2826	ETHYL CHLOROTHIOFORMATE	8	3 P	II	–	None	P001	–	–	–
2829	CAPROIC ACID	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
-	T3	TP33	F-A, S-A	Category B.	See entry above.	2811
-	T1	TP33	F-A, S-A	Category A.	See entry above.	2811
-	-	-	F-G, S-N	Category E. Clear of living quarters.	-	2813
-	T3	TP33	F-G, S-N	Category E. Clear of living quarters.	-	2813
-	T1	TP33	F-G, S-N	Category E. Clear of living quarters.	-	2813
-	BK2 only for animal carcasses	-	F-A, S-T	As approved by the competent authorities of the countries involved in the shipment.	Substances which are dangerous to humans or to humans and animals.	2814
T3	T4	TP1	F-A, S-B	Category A. Keep as cool as reasonably practicable.	Yellow liquid. Miscible with water. Corrosive to skin, eyes and mucous membranes.	2815
-	T8	TP2 TP12 TP13	F-A, S-B	Category B. Clear of living quarters.	Colourless liquid. Miscible with water. Highly corrosive to most metals and glass. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2817
-	T4	TP1 TP12 TP13	F-A, S-B	Category B. Clear of living quarters.	See entry above.	2817
T3	T7	TP2 TP13	F-A, S-B	Category B. Keep as cool as reasonably practicable. Clear of living quarters. "Separated from" acids.	Unstable yellowish liquid with a foul odour (of rotten eggs). Miscible with water. Reacts violently with acids. Decomposes in contact with acids, evolving hydrogen sulphide, a toxic and flammable gas. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2818
T3	T4	TP1 TP13	F-A, S-B	Category B. Keep as cool as reasonably practicable. Clear of living quarters. "Separated from" acids.	See entry above.	2818
T3	T4	TP1	F-A, S-B	Category A.	Clear colourless liquid. A mixture of primary and amyl isomers. Immiscible with water. Corrosive to skin, eyes and mucous membranes.	2819
T1	T4	TP1	F-A, S-B	Category A. Keep as cool as reasonably practicable.	Colourless liquid with a penetrating and unpleasant odour. Freezing point: -5°C to -8°C. Miscible with water. Corrosive to most metals. Harmful if swallowed or by inhalation. Corrosive to skin, eyes and mucous membranes.	2820
-	T7	TP2	F-A, S-A	Category A.	Yellowish solutions with a perceptible odour. Toxic if swallowed, by skin contact or by inhalation. Rapidly absorbed through the skin.	2821
T3	T4	TP1	F-A, S-A	Category A.	See entry above.	2821
-	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Colourless oily liquid. Slightly miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2822
-	T1	TP33	F-A, S-B	Category A. Keep as cool as reasonably practicable.	White crystalline solid. Soluble in water. Decomposes when heated, evolving toxic fumes. Causes burns to skin, eyes and mucous membranes.	2823
-	T7	TP2	F-E, S-C	Category A. Clear of living quarters.	Colourless, flammable liquid. Flashpoint: 29°C c.c. Causes burns to skin, eyes and mucous membranes.	2826
T2	T4	TP1	F-A, S-B	Category A.	Oily, colourless or yellowish liquid. Melting point: -4°C. Partially miscible with water. Corrosive to mild steel. Causes burns to skin, eyes and mucous membranes.	2829

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2830	LITHIUM FERROSILICON	4.3	–	II	–	500 g	P410	PP31 PP40	IBC07	B2
2831	1,1,1-TRICHLOROETHANE	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2834	PHOSPHOROUS ACID	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2835	SODIUM ALUMINIUM HYDRIDE	4.3	–	II	–	500 g	P410	PP31 PP40	IBC04	–
2837	BISULPHATES, AQUEOUS SOLUTION	8	– •	II	–	1 ℓ	P001	–	IBC02	–
2837	BISULPHATES, AQUEOUS SOLUTION	8	– •	III	223 944	5 ℓ	P001 LP01	–	IBC03	–
2838	VINYL BUTYRATE, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
2839	ALDOL	6.1	–	II	–	100 ml	P001	–	IBC02	–
2840	BUTYRALDOXIME	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2841	DI- <i>n</i> -AMYLAMINE	3	6.1	III	–	5 ℓ	P001	–	IBC03	–
2842	NITROETHANE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2844	CALCIUM MANGANESE SILICON	4.3	–	III	–	1 kg	P410	PP31	IBC08	B4
2845	PYROPHORIC LIQUID, ORGANIC, N.O.S.	4.2	– •	I	274	None	P400	PP31	–	–
2846	PYROPHORIC SOLID, ORGANIC, N.O.S.	4.2	– •	I	274	None	P404	PP31	–	–
2849	3-CHLOROPROPANOL-1	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2850	PROPYLENE TETRAMER	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2851	BORON TRIFLUORIDE DIHYDRATE	8	–	II	–	1 ℓ	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-G, S-N	Category E. Only to be loaded under dry weather conditions. Under deck in a mechanically ventilated space. Clear of living quarters.	Dark, crystalline, metal-like powder or brittle lumps. In contact with moisture, evolves flammable and toxic gases.	2830
T3	T4	TP1	F-A, S-A	Category A. Clear of living quarters.	Colourless liquid. Immiscible with water. Decomposes when heated, evolving highly toxic fumes (phosgene and hydrogen chloride). Toxic if swallowed, by skin contact or by inhalation. Narcotic in high concentrations.	2831
–	T1	TP33	F-A, S-B	Category A. "Away from" all sources of heat.	Colourless to yellow deliquescent crystals. Soluble in water. Mildly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2834
–	T3	TP33	F-G, S-O	Category E. "Separated from" acids.	White, crystalline solid. Reacts with water, moisture or acids evolving hydrogen, which may be ignited by the heat of the reaction.	2835
–	T7	TP2	F-A, S-B	Category A.	Colourless to white liquid. Miscible with water. Corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2837
–	T4	TP1	F-A, S-B	Category A.	See entry above.	2837
T3	T4	TP1	F-E, S-D	Category B.	Colourless liquid with a pungent odour. Flashpoint: 12°C c.c. Explosive limits: 1.4% to 8.8%. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2838
T4	T7	TP2	F-A, S-A	Category A. Keep as cool as reasonably practicable.	Clear, colourless to yellow viscous liquid. Miscible with water. Decomposes at 85°C, evolving toxic fumes. May react vigorously with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	2839
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Immiscible with water. Flashpoint: 58°C c.c. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2840
–	T4	TP1	F-E, S-D	Category A.	Colourless liquid with an ammoniacal odour. Flashpoint: 52°C c.c. Slightly miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2841
T4	T2	TP1	F-E, S-D	Category A.	Colourless, oily liquid. Flashpoint: 28°C c.c. Explosive limits: 3.4% to ... When involved in a fire, evolves nitrous toxic fumes. Slightly soluble in water. Irritating to skin, eyes and mucous membranes.	2842
–	T1	TP33	F-G, S-N	Category A. Only to be loaded under dry weather conditions. Under deck in a mechanically ventilated space. "Separated from" acids.	In contact with water, evolves hydrogen, a flammable gas. In contact with acid, evolves silane, a spontaneously flammable gas.	2844
T21	T22	TP2 TP7 TP9	F-G, S-M	Category D. Prohibited on any ship carrying class 1 with the exceptions listed in 7.2.7.1.3.2.	Highly flammable liquids, may ignite spontaneously in moist air. In contact with air, evolve irritating and slightly toxic fumes.	2845
–	–	–	F-G, S-M	Category D.	Liable to ignite spontaneously in air. If shaken, may produce sparks. In contact with water, evolve hydrogen, a flammable gas.	2846
–	T4	TP1	F-A, S-A	Category A.	Colourless to light-yellow liquid. Miscible with water. Mildly corrosive to steel. Toxic if swallowed, by skin contact or by inhalation.	2849
T1	T2	TP1	F-E, S-E	Category A.	Colourless liquid. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2850
TP28	T7	TP2	F-A, S-B	Category B. Keep as cool as reasonably practicable. Clear of living quarters.	Colourless, non-fuming liquid. Boiling range: 58°C to 60°C. Reacts with water, evolving corrosive and toxic fumes. Corrosive to mild steel. Causes burns to skin, eyes and mucous membranes.	2851

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2852	DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass	4.1	–	I	28	None	P406	PP24 PP31	–	–
2853	MAGNESIUM FLUOROSILICATE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2854	AMMONIUM FLUOROSILICATE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2855	ZINC FLUOROSILICATE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2856	FLUOROSILICATES, N.O.S.	6.1	– •	III	944	5 kg	P002 LP02	–	IBC08	B3
2857	REFRIGERATING MACHINES containing non-flammable, non-toxic gases or ammonia solution (UN 2672)	2.2	–	–	119	None	P003	PP32	–	–
2858	ZIRCONIUM, DRY coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)	4.1	–	III	921	5 kg	P002 LP02	–	–	–
2859	AMMONIUM METAVANADATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2861	AMMONIUM POLYVANADATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2862	VANADIUM PENTOXIDE non-fused form	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2863	SODIUM AMMONIUM VANADATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2864	POTASSIUM METAVANADATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2865	HYDROXYLAMINE SULPHATE	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2869	TITANIUM TRICHLORIDE MIXTURE	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2869	TITANIUM TRICHLORIDE MIXTURE	8	–	III	223	5 kg	P002 LP02	–	IBC08	B3
2870	ALUMINIUM BOROHYDRIDE	4.2	4.3	I	–	None	P400	PP31	–	–
2870	ALUMINIUM BOROHYDRIDE IN DEVICES	4.2	4.3	I	–	None	P002	PP13	–	–
2871	ANTIMONY POWDER	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2872	DIBROMOCHLOROPROPANES	6.1	–	II	–	100 mL	P001	–	IBC02	–
2872	DIBROMOCHLOROPROPANES	6.1	–	III	223	5 L	P001 LP01	–	IBC03	–
2873	N,N-DI-n-BUTYLAMINOETHANOL	6.1	–	III	–	5 L	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Golden-yellow, crystalline leaflets. Explosive and sensitive to shock and heat in the dry state. May form extremely sensitive compounds with heavy metals or their salts.	2852
–	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	Solids which react with acids, evolving hydrogen fluoride and silicon tetrafluoride, irritating and corrosive gases. Toxic if swallowed, by skin contact or by dust inhalation.	2853
–	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	Solids which react with acids, evolving hydrogen fluoride and silicon tetrafluoride, irritating and corrosive gases. Toxic if swallowed, by skin contact or by dust inhalation.	2854
–	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	Solids which react with acids, evolving hydrogen fluoride and silicon tetrafluoride, irritating and corrosive gases. Toxic if swallowed, by skin contact or by dust inhalation.	2855
–	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	Solids which react with acids, evolving hydrogen fluoride and silicon tetrafluoride, irritating and corrosive gases. Toxic if swallowed, by skin contact or by dust inhalation.	2856
–	–	–	F-C, S-V	Category A.	–	2857
–	–	–	F-G, S-G	Category A.	Hard silvery metal.	2858
–	T3	TP33	F-A, S-A	Category A. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	White crystalline powder. Slightly soluble in water. May act as an oxidizing substance. Toxic if swallowed, by skin contact or by inhalation.	2859
–	T3	TP33	F-A, S-A	Category A. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	Orange powder. Slightly soluble in water. May act as an oxidizing substance. Toxic if swallowed, by skin contact or by inhalation.	2861
–	T1	TP33	F-A, S-A	Category A.	Brownish powder. Slightly soluble in water. Toxic if swallowed, by skin contact or by inhalation.	2862
–	T3	TP33	F-A, S-A	Category A.	Orange wet cake (with 10% to 15% water). Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2863
–	T3	TP33	F-A, S-A	Category A.	White crystalline powder. Slightly soluble in water. Toxic if swallowed, by skin contact or by inhalation.	2864
–	T1	TP33	F-A, S-B	Category A.	Colourless to white crystalline powder. Soluble in water. May decompose explosively when heated. Causes burns to skin, eyes and mucous membranes.	2865
–	T3	TP33	F-A, S-B	Category A. Clear of living quarters.	Violet crystalline solid. Reacts in moist air or in water, evolving heat and hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	2869
–	T1	TP33	F-A, S-B	Category A. Clear of living quarters.	See entry above.	2869
T21	TP7 TP33	–	F-G, S-M	Category D.	Liquid. Ignites spontaneously in air. Reacts with water or steam to produce heat or hydrogen, which may form explosive mixtures with air.	2870
–	–	–	F-G, S-M	Category D.	–	2870
–	T1	TP33	F-A, S-A	Category A.	Metallic antimony in the form of a fine grey powder. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2871
T3	T7	TP2	F-A, S-A	Category A.	Colourless liquid with a perceptible odour. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2872
T3	T4	TP1	F-A, S-A	Category A.	See entry above.	2872
T1	T4	TP1	F-A, S-A	Category A.	Colourless liquid with a perceptible odour. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2873

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2874	FURFURYL ALCOHOL	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2875	HEXACHLOROPHENE	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2876	RESORCINOL	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2878	TITANIUM, SPONGE GRANULES or TITANIUM, SPONGE POWDERS	4.1	–	III	223	5 kg	P002 LP02	–	IBC08	B3
2879	SELENIUM OXYCHLORIDE	8	6.1	I	–	None	P001	–	–	–
2880	CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 16% water	5.1	–	II	313 314 322	1 kg	P002	PP85	–	–
2880	CALCIUM HYPOCHLORITE, HYDRATED or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 16% water	5.1	–	III	223 313 314	5 kg	P002	PP85	–	–
2881	METAL CATALYST, DRY	4.2	–	I	–	None	P404	PP31	–	–
2881	METAL CATALYST, DRY	4.2	–	II	–	None	P410	PP31	IBC06	B2
2881	METAL CATALYST, DRY	4.2	–	III	223	None	P002 LP02	PP31	IBC08	B3
2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only	6.2	–	–	318	None	P620	–	–	–
2901	BROMINE CHLORIDE	2.3	5.1/8	–	–	None	P200	–	–	–
2902	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	– •	I	61 274	None	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
T2	T4	TP1	F-A, S-A	Category A. "Separated from" acids and class 5.1.	Clear, colourless, mobile liquid, becoming brown to dark-red upon exposure to light and air. Miscible with water. Reacts explosively with oxidizing substances. Toxic if swallowed, by skin contact or by inhalation.	2874
-	T1	TP33	F-A, S-A	Category A.	White, odourless powder or crystals. Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2875
-	T1	TP33	F-A, S-A	Category A.	White to pink crystals. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2876
-	T1	TP33	F-G, S-G	Category D. "Separated from" class 5.1.	Silvery grey granules or dark grey, amorphous powder. May react with carbon dioxide, evolving oxygen. Forms explosive mixtures with oxidizing substances.	2878
TP28	T10	TP2 TP12 TP13	F-A, S-B	Category E. Clear of living quarters.	Colourless, yellowish liquid. Reacts violently with water, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation. Causes severe burns to skin, eyes and mucous membranes.	2879
-	-	-	F-H, S-Q	Category D. Cargo transport units shall be shaded from direct sunlight and stowed away from sources of heat. Packages in cargo transport units shall be stowed so as to allow for adequate air circulation throughout the cargo. "Separated from" ammonium compounds, acids, cyanides, hydrogen peroxides and liquid organic substances.	White or yellowish solid (powder, granules or tablets) with chlorine-like odour. Soluble in water. May cause fire in contact with organic material or ammonium compounds. Substances are liable to exothermic decomposition at elevated temperatures. This condition may lead to fire or explosion. Decomposition can be initiated by heat or by impurities (e.g. powdered metals (iron, manganese, cobalt, magnesium) and their compounds). Liable to heat slowly. Reacts with acids, evolving chlorine, an irritating, corrosive and toxic gas. In the presence of moisture, corrosive to most metals. Dust irritates mucous membranes.	2880
-	-	-	F-H, S-Q	Category D. Cargo transport units shall be shaded from direct sunlight and stowed away from sources of heat. Packages in cargo transport units shall be stowed so as to allow for adequate air circulation throughout the cargo. "Separated from" ammonium compounds, acids, cyanides, hydrogen peroxides and liquid organic substances.	See entry above.	2880
-	T21	TP7 TP33	F-G, S-M	Category C.	Liable to ignite spontaneously in air.	2881
-	T3	TP33	F-G, S-M	Category C.	See entry above.	2881
-	T1	TP33	F-G, S-M	Category C.	See entry above.	2881
-	BK2 only for animal carcasses	-	F-A, S-T	As approved by the competent authorities of the countries involved in the shipment.	Substances which are dangerous to animals only. For action to be taken in the event of damage to, or leaking from, package containing infectious substances, refer to 7.3.3.	2900
-	-	-	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	Reddish-yellow non-flammable, toxic and corrosive gas. When heated to decomposition, emits highly toxic and corrosive fumes of bromine and chlorine. Reacts with water, evolving toxic and corrosive fumes. Powerful oxidizing agent which may cause violent fires with combustible materials. Much heavier than air. Highly irritating to skin, eyes and mucous membranes.	2901
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2902

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2902	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	– ●	II	61 274	100 mL	P001	–	IBC02	–
2902	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	– ●	III	61 223 274 944	5 L	P001 LP01	–	IBC03	–
2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 mL	P001	–	IBC02	–
2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 L	P001	–	IBC03	–
2904	CHLOROPHENOLATES, LIQUID or PHENOLATES, LIQUID	8	– ●	III	944	5 L	P001 LP01	–	IBC03	–
2905	CHLOROPHENOLATES, SOLID or PHENOLATES, SOLID	8	– ●	III	944	5 kg	P002 LP02	–	IBC08	B3
2907	ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch, or calcium hydrogen phosphate	4.1	–	II	127	None	P406	PP26 PP80	IBC06	B2 B12
2908	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – EMPTY PACKAGING	7	See SP290	–	290	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2909	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM	7	See SP290	–	290	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2910	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – LIMITED QUANTITY OF MATERIAL	7	See SP290	–	290	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2911	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – INSTRUMENTS or ARTICLES	7	See SP290	–	290	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2912	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I) non fissile or fissile – excepted	7	See SP172	–	172 317 325	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2913	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), non fissile or fissile – excepted	7	See SP172	–	172 317	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2915	RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile – excepted	7	See SP172	–	172 317 325	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2916	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE non fissile or fissile-excepted	7	See SP172	–	172 317	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	2902
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2902
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2903
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2903
–	T7	TP2	F-E, S-D	Category A. Clear of living quarters.	See entry above.	2903
–	–	–	F-A, S-B	Category A.	A wide range of corrosive liquids. Cause burns to skin, eyes and mucous membranes.	2904
–	T1	TP33	F-A, S-B	Category A.	A wide range of corrosive solids. Soluble in water. Cause burns to skin, eyes and mucous membranes.	2905
–	–	–	F-A, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Pure isosorbide dinitrate is explosive. May form extremely sensitive compounds with heavy metals or their salts.	2907
–	–	–	F-I, S-S	Category A.	See 1.1.3.1.1 and IAEA Transport Schedule 4.	2908
–	–	–	F-I, S-S	Category A.	See 1.1.3.1.1 and IAEA Transport Schedule 3.	2909
–	–	–	F-I, S-S	Category A.	See 1.1.3.1.1 and IAEA Transport Schedule 1.	2910
–	–	–	F-I, S-S	Category A.	See 1.1.3.1.1 and IAEA Transport Schedule 2.	2911
–	T5	TP4	F-I, S-S	Category A, except for uranyl nitrate hexahydrate solution for which category D applies. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 5.	2912
–	T5	TP4	F-I, S-S	Category A. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 8.	2913
–	–	–	F-I, S-S	Category A, except for uranyl nitrate hexahydrate solution, uranium metal pyrophoric and thorium metal pyrophoric for which category D applies. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 9.	2915
–	–	–	F-I, S-S	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 10.	2916

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2917	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE non fissile or fissile – excepted	7	See SP172	–	172 317	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2919	RADIOACTIVE MATERIAL TRANSPORTED UNDER SPECIAL ARRANGEMENT non fissile or fissile – excepted	7	See SP172	–	172 317	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2920	CORROSIVE LIQUID, FLAMMABLE, N.O.S.	8	3 •	I	274	None	P001	–	–	–
2920	CORROSIVE LIQUID, FLAMMABLE, N.O.S.	8	3 •	II	274 944	1 ℓ	P001	–	IBC02	–
2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.	8	4.1 •	I	274	None	P002	–	IBC99	–
2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.	8	4.1 •	II	274 944	1 kg	P002	–	IBC08	B2 B4
2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8	6.1 •	I	274	None	P001	–	–	–
2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8	6.1 •	II	274 944	1 ℓ	P001	–	IBC02	–
2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8	6.1 •	III	223 274 944	5 ℓ	P001	–	IBC03	–
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	6.1 •	I	274	None	P002	–	IBC99	–
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	6.1 •	II	274 944	1 kg	P002	–	IBC08	B2 B4
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	6.1 •	III	223 274 944	5 kg	P002	–	IBC08	B3
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	8 •	I	274	None	P001	–	–	–
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	8 •	II	274 944	1 ℓ	P001	–	IBC02	–
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	8 •	III	223 274 944	5 ℓ	P001	–	IBC03	–
2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	4.1	8 •	II	274 915	1 kg	P002	–	IBC06	B2
2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	4.1	8 •	III	223 274 915 944	5 kg	P002	–	IBC06	–
2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	4.1	6.1 •	II	274 915	1 kg	P002	–	IBC06	B2

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	–	–	F-I, S-S	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 11.	2917
–	–	–	F-I, S-S	Category A, taking account of any supplementary requirements specified in the competent authority approval certificate(s). "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 14.	2919
–	T14	TP2 TP9 TP27	F-E, S-C	Category C. Shade from radiant heat. Clear of living quarters.	Causes burns to skin, eyes and mucous membranes.	2920
–	T11	TP2 TP27	F-E, S-C	Category C. Shade from radiant heat. Clear of living quarters.	See entry above.	2920
–	T6	TP9 TP33	F-A, S-G	Category B. Keep as cool as reasonably practicable. Shade from radiant heat.	Causes burns to skin, eyes and mucous membranes.	2921
–	T3	TP33	F-A, S-G	Category B. Keep as cool as reasonably practicable. Shade from radiant heat.	See entry above.	2921
–	T14	TP2 TP9 TP13 TP27	F-A, S-B	Category B. Clear of living quarters.	Causes burns to skin, eyes and mucous membranes. Toxic if swallowed, by skin contact or by inhalation.	2922
–	T7	TP2	F-A, S-B	Category B. Clear of living quarters.	See entry above.	2922
–	T7	TP1 TP28	F-A, S-B	Category B. Clear of living quarters.	See entry above.	2922
–	T6	TP9 TP33	F-A, S-B	Category B. Clear of living quarters.	Causes burns to skin, eyes and mucous membranes. Toxic if swallowed, by skin contact or by inhalation.	2923
–	T3	TP33	F-A, S-B	Category B. Clear of living quarters.	See entry above.	2923
–	T1	TP33	F-A, S-B	Category B. Clear of living quarters.	See entry above.	2923
T13	T14	TP2 TP9	F-E, S-C	Category E. Clear of living quarters.	Causes burns to skin, eyes and mucous membranes.	2924
–	T11	TP2 TP27	F-E, S-C	Category B. Clear of living quarters.	See entry above.	2924
–	T7	TP1 TP28	F-E, S-C	Category A. Clear of living quarters.	See entry above.	2924
–	T3	TP33	F-A, S-G	Category D. Clear of living quarters.	Causes burns to skin, eyes and mucous membranes.	2925
–	T1	TP33	F-A, S-G	Category D. Clear of living quarters.	See entry above.	2925
–	T3	TP33	F-A, S-G	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by dust inhalation. Should be handled with care to minimize exposure, particularly to dust.	2926

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	4.1	6.1 ●	III	223 274 915 944	5 kg	P002	–	IBC06	–
2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	8 ●	I	274 315	None	P001	–	–	–
2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	8 ●	II	274	100 ml	P001	–	IBC02	–
2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	6.1	8 ●	I	274	None	P002	–	IBC99	–
2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	6.1	8 ●	II	274	500 g	P002	–	IBC06	B2
2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	3 ●	I	274 315	None	P001	–	–	–
2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	3 ●	II	274	100 ml	P001	–	IBC02	–
2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	6.1	4.1 ●	I	274	None	P002	–	IBC99	–
2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	6.1	4.1 ●	II	274	500 g	P002	–	IBC08	B2 B4
2931	VANADYL SULPHATE	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
2933	METHYL 2-CHLOROPROPIONATE	3	–	III	–	5 l	P001 LP01	–	IBC03	–
2934	ISOPROPYL 2-CHLOROPROPIONATE	3	–	III	–	5 l	P001 LP01	–	IBC03	–
2935	ETHYL 2-CHLOROPROPIONATE	3	–	III	–	5 l	P001 LP01	–	IBC03	–
2936	THIOLACTIC ACID	6.1	–	II	–	100 ml	P001	–	IBC02	–
2937	alpha-METHYLBENZYL ALCOHOL, LIQUID	6.1	–	III	–	5 l	P001 LP01	–	IBC03	–
2940	9-PHOSPHABICYCLONONANES (CYCLOOCTADIENE PHOSPHINES)	4.2	–	II	–	None	P410	PP31	IBC06	B2
2941	FLUOROANILINES	6.1	–	III	–	5 l	P001 LP01	–	IBC03	–
2942	2-TRIFLUOROMETHYLANILINE	6.1	–	III	–	5 l	P001 LP01	–	IBC03	–
2943	TETRAHYDROFURFURYLAMINE	3	–	III	–	5 l	P001 LP01	–	IBC03	–
2945	N-METHYLBUTYLAMINE	3	8	II	–	1 l	P001	–	IBC02	–
2946	2-AMINO-5-DIETHYLAMINOPENTANE	6.1	–	III	–	5 l	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T1	TP33	F-A, S-G	Category B. Clear of living quarters.	See entry above.	2926
–	T14	TP2 TP9 TP13 TP27	F-A, S-B	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2927
–	T11	TP2 TP27	F-A, S-B	Category B. Clear of living quarters.	See entry above.	2927
–	T6	TP9 TP33	F-A, S-B	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	2928
–	T3	TP33	F-A, S-B	Category B. Clear of living quarters.	See entry above.	2928
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	2929
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2929
–	T6	TP9 TP33	F-A, S-G	Category B.	Toxic if swallowed, by skin contact or by inhalation.	2930
–	T3	TP33	F-A, S-G	Category B.	See entry above.	2930
–	T3	TP33	F-A, S-A	Category A.	Blue, crystalline powder. Soluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	2931
–	T2	TP1	F-E, S-D	Category A.	Colourless liquid with an ether-like odour. Flashpoint: 32°C c.c. Slightly soluble in water. Irritating to skin, eyes and mucous membranes.	2933
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a sweetish odour. Flashpoint: 50°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2934
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a pungent odour. Flashpoint: 38°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.	2935
T4	T7	TP2	F-A, S-A	Category A.	Oily liquid with a foul odour. Melting point: 10°C. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2936
T1	T4	TP1	F-A, S-A	Category A.	Colourless liquid. Slightly miscible with water. Melting point: 21°C (pure substance). Toxic if swallowed, by skin contact or by inhalation.	2937
–	T3	TP33	F-A, S-J	Category A.	Colourless, waxy solids. Melting point: 40°C to 60°C. React in contact with materials such as sawdust or other cellulose-based materials resulting in charring and evolution of toxic fumes. Irritating to skin, eyes and mucous membranes.	2940
–	T4	TP1	F-A, S-A	Category A.	Liquids. Freezing points: –28°C to –2°C. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2941
–	–	–	F-A, S-A	Category A.	Liquid. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	2942
T1	T2	TP1	F-E, S-D	Category A.	Colourless to yellowish liquid with an ammoniacal odour. Flashpoint: 45°C c.c. Miscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2943
T4	T7	TP1	F-E, S-C	Category B. Clear of living quarters.	Colourless liquid. Flashpoint: 0°C c.c. Miscible with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.	2945
T1	T4	TP1	F-A, S-A	Category A.	Liquid with an acrid odour. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2946

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2947	ISOPROPYL CHLOROACETATE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
2948	3-TRIFLUOROMETHYLANILINE	6.1	–	II	–	100 ml	P001	–	IBC02	–
2949	SODIUM HYDROSULPHIDE HYDRATED with not less than 25% water of crystallization	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
2950	MAGNESIUM GRANULES, COATED particle size not less than 149 microns	4.3	–	III	920	1 kg	P410	–	IBC08	B4
2956	5- <i>tert</i> -BUTYL-2,4,6-TRINITRO- <i>m</i> -XYLENE (MUSK XYLENE)	4.1	–	III	132 133	None	P409	–	–	–
2965	BORON TRIFLUORIDE DIMETHYL ETHERATE	4.3	3/8	I	–	None	P401	PP31	–	–
2966	THIOGLYCOL	6.1	–	II	–	100 ml	P001	–	IBC02	–
2967	SULPHAMIC ACID	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
2968	MANEB, STABILIZED or MANEB PREPARATION, STABILIZED against self-heating	4.3	– P	III	223 946	1 kg	P002	–	IBC08	B4
2969	CASTOR BEANS or CASTOR MEAL or CASTOR POMACE or CASTOR FLAKE	9	–	II	141	5 kg	P002	PP34	IBC08	B2 B4
2977	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE	7	8	–	172	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2978	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE non fissile or fissile – excepted	7	8	–	172 317	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
2983	ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURE with not more than 30% ethylene oxide	3	6.1	I	–	None	P200	–	–	–
2984	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20% hydrogen peroxide (stabilized as necessary)	5.1	–	III	–	5 ℓ	P504	–	IBC02	B5

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid with a pungent odour. Flashpoint: 56°C c.c. Slightly soluble in water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	2947
-	T7	TP2	F-A, S-A	Category A. Clear of living quarters.	Colourless to yellowish liquid. Melting point: 5°C. Slightly miscible with water. Toxic if swallowed, by skin contact or by inhalation.	2948
T7	TP2	-	F-A, S-B	Category A. "Separated from" acids.	Colourless needles or yellow flakes. Soluble in water with a foul odour. Melting point: 52°C. Reacts violently with acids, evolving hydrogen sulphide, a toxic and flammable gas. Causes burns to skin, eyes and mucous membranes.	2949
-	T1 BK2	TP33	F-G, S-O	Category A. "Separated from" acids.	Salt-coated granules with particle size ranging from 149 to 2000 microns. In contact with water or acids, evolve hydrogen, a flammable gas.	2950
-	-	-	F-B, S-G	Category D. Keep as cool as reasonably practicable. For packages carrying a subsidiary risk of class 1, segregation as for class 1, division 1.3.	Insoluble in water. May explode if involved in a fire under confined conditions. Sensitive to strong detonation shock. Harmful if swallowed or by skin contact.	2956
-	T10	TP2 TP7	F-G, S-O	Category D. Clear of living quarters. Segregation as for class 3, but "Away from" classes 3, 4.1 and 8.	Colourless, flammable liquid. Flashpoint: 20°C c.c. but widely variable, depending upon free ether content. Freezing point: -14°C. Decomposes in contact with water, forming dimethyl ether, a flammable gas. Causes burns to skin, eyes and mucous membranes.	2965
T4	T7	TP2	F-A, S-A	Category A.	Colourless liquid with a foul odour. Miscible with water. Decomposes when heated, evolving sulphur dioxide. Toxic if swallowed, by skin contact or by inhalation.	2966
-	T1	TP33	F-A, S-B	Category A.	White crystalline powder. Soluble in water. Decomposes when heated, evolving toxic fumes. Causes burns to skin, eyes and mucous membranes.	2967
-	T1	TP33	F-G, <u>S-L</u>	Category B. "Away from" foodstuffs. "Separated from" acids.	Yellow powder. May evolve toxic, irritating or flammable fumes when wet, when involved in a fire or in contact with acids. Requires certification from the shipper that the substance is not class 4.2.	2968
-	T3 BK2	TP33	F-A, S-A	Category E. Clear of living quarters. "Away from" foodstuffs. "Away from" class 5.1. "Separated from" class 6.2.	Whole beans or meal. The latter is the residue remaining after the oil has been extracted from the seeds. Castor beans contain a powerful allergen which, by inhalation of dust or by skin contact with crushed bean products, can give rise to severe irritation of the skin, eyes and mucous membranes in some persons. They are also toxic by ingestion. When handling these products, wear at least a dust mask and goggles. Avoid unnecessary skin contact.	2969
-	-	-	<u>F-I, S-S</u>	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 6, 7, 9, 10 or 11, according to type of package.	2977
-	-	-	<u>F-I, S-S</u>	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 5, 6, 7, 9, 10 or 11, according to type of package.	2978
-	T14	TP2 TP7 TP13	F-E, S-D	Category E. Clear of living quarters.	Colourless, volatile liquid with an ethereal odour. Flashpoint: below -18°C c.c. Explosive limits: 2.2% to 55%. Boiling point: 23°C to 28°C. Miscible with water. Corrosive to aluminium. Toxic if swallowed, by skin contact or by inhalation. Irritating to eyes and mucous membranes.	2983
-	T4	TP1 TP6 TP24	F-H, S-Q	Category B. Shade from radiant heat. "Separated from" permanganates and class 4.1. See 7.2.1.13.1.2.	Colourless liquid. Slowly decomposes, evolving oxygen; the rate of decomposition increases in contact with metals, except aluminium.	2984

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2985	CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.	3	8 ●	II	–	None	P001	–	IBC02	–
2986	CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.	8	3 ●	II	–	None	P001	–	IBC02	–
2987	CHLOROSILANES, CORROSIVE, N.O.S.	8	– ●	II	–	None	P001	–	IBC02	–
2988	CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.	4.3	3/8 ●	I	–	None	P401	PP31	–	–
2989	LEAD PHOSPHITE, DIBASIC	4.1	–	II	922	1 kg	P002	–	IBC08	B2 B4
2989	LEAD PHOSPHITE, DIBASIC	4.1	–	III	922	5 kg	P002 LP02	–	IBC08	B3
2990	LIFE-SAVING APPLIANCES, SELF-INFLATING	9	–	–	296 956	None	P905	–	–	–
2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–
2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
-	T11	TP2 TP13 TP27	F-E, S-C	Category B. Clear of living quarters.	Colourless liquids with a pungent odour. When involved in a fire evolve toxic gases. React violently with water, evolving hydrogen chloride, an irritating and corrosive gas. In the presence of moisture, highly corrosive to most metals. Cause burns to skin, eyes and mucous membranes.	2985
-	T11	TP2 TP27	F-E, S-C	Category C. Clear of living quarters.	Colourless, flammable liquids with a pungent odour. Cause burns to skin, eyes and mucous membranes. Immiscible with water. React violently with water or steam, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolve toxic gas. In the presence of moisture, highly corrosive to most metals.	2986
-	T14	TP2 TP27	F-A, S-B	Category C. Clear of living quarters.	Colourless liquids with a pungent odour. Cause burns to skin, eyes and mucous membranes. Immiscible with water. React violently with water or steam, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolve toxic gases. In the presence of moisture, highly corrosive to most metals.	2987
-	T10	TP2 TP7 TP9 TP13	F-G, S-N	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" classes 3, 4.1 and 8.	Colourless, very volatile liquids, flammable and corrosive, with a pungent odour. Immiscible with water. React violently with water or steam to produce heat which may lead to self-ignition; toxic and corrosive fumes will be evolved. May react vigorously in contact with oxidizing substances. Causes burns to skin, eyes and mucous membranes.	2988
-	T3	TP33	F-A, S-G	Category B. "Away from" foodstuffs.	Fine white crystals or powder. Insoluble in water. Combustion can be sustained, even in the absence of air. Harmful if swallowed.	2989
-	T1	TP33	F-A, S-G	Category B. "Away from" foodstuffs.	See entry above.	2989
-	-	-	F-A, S-V	Category A. "Separated from" class 6.2. Within the appliance, to the extent that the dangerous goods are packaged as integral parts of the complete life-saving appliance, there is no need to apply the provisions on segregation of substances in chapter 7.2.	These articles may contain: (a) Class 2.2 compressed gases; (b) Signal devices (Class 1) which may include smoke and illumination signal flares; signal devices must be packed in plastic of fibreboard inner packagings; (c) Electric storage batteries; (d) First aid kit; or (e) Strike anywhere matches.	2990
-	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2991
-	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2991
-	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	2991
-	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2992
-	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	2992
-	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2992

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 l	P001	–	IBC03	–
2994	ARSENICAL PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
2994	ARSENICAL PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
2994	ARSENICAL PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–
2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 l	P001	–	IBC03	–
2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–
2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 l	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions	(15)	(16)	(17)	(18)
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2993
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2993
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	2993
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2994
–	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	2994
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2994
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2995
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2995
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	2995
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2996
–	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	2996
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2996
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2997
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	2997
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	2997

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–
3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 l	P001	–	IBC03	–
3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–
3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 l	P001	–	IBC03	–
3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
-	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See alphabetical index to identify those pesticides which are marine pollutants. Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	2998
-	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	2998
-	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	2998
-	T14	TP2 TP9 TP13	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3005
-	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3005
-	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3005
-	T14	TP2 TP9 TP13	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3006
-	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3006
-	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3006
-	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3009
-	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3009
-	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3009
-	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3010
-	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3010
-	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3010

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3011	MERCURY-BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 PP	I	61 274	None	P001	–	–	–
3011	MERCURY-BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 PP	II	61 274	100 ml	P001	–	IBC02	–
3011	MERCURY-BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 PP	III	61 223 274	500 ml	P001	–	IBC03	–
3012	MERCURY-BASED PESTICIDE, LIQUID, TOXIC	6.1	– PP	I	61 274	None	P001	–	–	–
3012	MERCURY-BASED PESTICIDE, LIQUID, TOXIC	6.1	– PP	II	61 274	100 ml	P001	–	IBC02	–
3012	MERCURY-BASED PESTICIDE, LIQUID, TOXIC	6.1	– PP	III	61 223 274	500 ml	P001 LP01	–	IBC03	–
3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 l	P001	–	IBC03	–
3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–
3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 l	P001	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3011
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3011
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3011
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3012
–	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3012
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3012
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3013
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3013
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3013
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3014
–	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3014
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3014
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3015
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3015
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3015

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–
3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 l	P001	–	IBC03	–
3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 l	P001 LP01	–	IBC03	–
3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 PP	I	61 274	None	P001	–	–	–
3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 PP	II	61 274	100 ml	P001	–	IBC02	–
3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 PP	III	61 223 274	500 ml	P001	–	IBC03	–
3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	– PP	I	61 274	None	P001	–	–	–
3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	– PP	II	61 274	100 ml	P001	–	IBC02	–
3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	– PP	III	61 223 274	500 ml	P001 LP01	–	IBC03	–
3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S. flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3016
–	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3016
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3016
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3017
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3017
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3017
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3018
–	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3018
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3018
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3019
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3019
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3019
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3020
–	T11	TP2 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3020
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3020
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3021

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S. flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 ℓ	P001	–	IBC02	–
3022	1,2-BUTYLENE OXIDE, STABILIZED	3	–	II	–	1 ℓ	P001	–	IBC02	–
3023	2-METHYL-2-HEPTANETHIOL	6.1	3	I	–	None	P001	–	–	–
3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 ℓ	P001	–	IBC02	–
3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 ℓ	P001	–	IBC03	–
3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
3028	BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID electric storage	8	–	III	295 304	5 kg	P801	–	–	–
3048	ALUMINIUM PHOSPHIDE PESTICIDE	6.1	–	I	153 930	None	P002	PP31	IBC07	B1

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3021
–	T4	TP1	F-E, S-D	Category B. "Away from" acids and alkalis.	Colourless liquid. Flashpoint: –15°C c.c. Explosive limits: 1.5% to 18.3%. Reacts violently with acids, alkalis and oxidizers. Miscible with water. Harmful if swallowed or by inhalation. Irritating to skin, eyes and mucous membranes.	3022
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters. "Separated from" odour-absorbing cargoes.	Colourless flammable liquid with a foul odour. Flashpoint: 31°C c.c. Miscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	3023
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3024
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3024
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Liquid flammable pesticides having a flashpoint between 23°C and 60°C c.c., presenting a very wide range of toxic hazard. They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3025
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3025
–	T7	TP1 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3025
–	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3026
–	T11	TP2 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3026
–	T7	TP1 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3026
–	T6	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	3027
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3027
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3027
–	–	–	F-A, S-B	Category A. "Separated from" acids.	Series of metal plates immersed in dry potassium hydroxide in a closed receptacle. When electrically charged may cause fire through short-circuiting of terminals. Batteries need not be individually marked and labelled if the pallet bears the appropriate mark and label. Used batteries being transported for disposal or reclamation should be carefully checked prior to shipment to ensure the integrity of each battery and its suitability for transport. React violently with acids.	3028
–	T6	TP33	F-A, S-A	Category E, in a mechanically ventilated space. Clear of living quarters.	Waxed pellets, adequately stabilized powder, tablets or crystals. Highly toxic if swallowed, by skin contact or by inhalation.	3048

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3054	CYCLOHEXANETHIOL (CYCLOHEXYL MERCAPTAN)	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
3055	2-(2-AMINOETHOXY)ETHANOL	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
3056	HEPTALDEHYDE	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
3057	TRIFLUOROACETYL CHLORIDE	2.3	8	–	–	None	P200	–	–	–
3064	NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	3	–	II	–	None	P300	–	–	–
3065	ALCOHOLIC BEVERAGES with more than 70% alcohol by volume	3	–	II	–	5 ℓ	P001	PP2	IBC02	–
3065	ALCOHOLIC BEVERAGES with more than 24% but not more than 70% alcohol by volume	3	–	III	144 145 247	5 ℓ	P001	PP2	IBC03	–
3066	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	8	– ●	II	163 944	1 ℓ	P001	–	IBC02	–
3066	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	8	– ●	III	163 223 944	5 ℓ	P001	–	IBC03	–
3070	ETHYLENE OXIDE AND DICHLORO-DIFLUOROMETHANE MIXTURE with not more than 12.5% ethylene oxide	2.2	–	–	–	120 ml	P200	–	–	–
3071	MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.	6.1	3 ●	II	274	100 ml	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
T1	T2	TP1	F-E, S-D	Category A. Clear of living quarters. "Separated from" foodstuffs and all other odour-absorbing cargoes.	Colourless liquid with a garlic-like odour. Flashpoint: 49°C c.c. Immiscible with water. Harmful by inhalation. Irritating to skin, eyes and mucous membranes.	3054
T2	T4	TP1	F-A, S-B	Category A.	Colourless, slightly viscous liquid with a mild odour. Miscible with water. Harmful if swallowed or by inhalation. Corrosive to skin, eyes and mucous membranes.	3055
T1	T2	TP1	F-E, S-D	Category A.	Colourless or pale yellow, oily liquid with a pungent odour. Flashpoint: 35°C to 45°C c.c. Explosive limits: 1.1% to 5.2%. Slightly soluble in water. Irritating to skin, eyes and mucous membranes.	3056
-	T50	TP21	F-C, S-U	Category D. Clear of living quarters.	Liquefied, non-flammable, toxic and corrosive gas. Reacts with water. Corrosive to glass and to most metals, including steel. Heavier than air (1.4 at 20°C). Highly irritating to skin, eyes and mucous membranes.	3057
-	-	-	F-E, S-D	Category E.	Immiscible with water. Ignites readily. When involved in a fire, evolves toxic nitrous fumes. Not explosive in this state but damage to, or leakage from, a package may allow solvent to evaporate and thus leave the nitroglycerin in an explosive state.	3064
T1	T4	TP1	F-E, S-D	Category A.	Aqueous solutions of ethanol produced and supplied as alcoholic beverages. Miscible with water. Flashpoint: -13°C c.c. or greater.	3065
T1	T2	TP1	F-E, S-D	Category A.	Alcoholic beverages containing more than 24% alcohol but not more than 70% by volume, when transported as part of the manufacturing process, may be transported in wooden barrels with a capacity of more than 250 litres and not more than 500 litres meeting the general requirements of 4.1.1, as appropriate, on the following conditions: 1. the wooden barrels should be checked and tightened before filling; 2. sufficient ullage (not less than 3%) should be left to allow for the expansion of the liquid; 3. the wooden barrels should be transported with the bungholes pointing upwards; 4. the wooden barrels should be transported in containers meeting the requirements of the International Convention for Safe Containers (CSC), as amended. Each wooden barrel should be secured in custom-made cradles and should be wedged by appropriate means to prevent them from being displaced in any way during transport; and 5. when carried on board ships, the containers should be stowed in open cargo spaces or in enclosed cargo spaces complying with the requirements for class 3 flammable liquids with a flashpoint of 23°C c.c. or less in regulation II-2/19 of SOLAS, 74, as amended.	3065
-	T7	TP2 TP27 TP28	F-A, S-B	Category B. Clear of living quarters.	Corrosive content. Causes burns to skin, eyes and mucous membranes.	3066
-	T4	TP1 TP27 TP29	F-A, S-B	Category A. Clear of living quarters.	See entry above.	3066
-	T50	-	F-C, S-V	Category A.	Liquefied, non-flammable gas. Much heavier than air.	3070
-	T11	TP2 TP13 TP27	F-E, S-D	Category C. Clear of living quarters. "Separated from" all odour-absorbing cargoes.	Colourless to yellow flammable liquids with a garlic odour. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	3071

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3072	LIFE-SAVING APPLIANCES, NOT SELF-INFLATING containing dangerous goods as equipment	9	–	–	296 956	None	P905	–	–	–
3073	VINYLPYRIDINES, STABILIZED	6.1	3/8	II	–	100 ml	P001	–	IBC01	–
3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	9	– ●	III	274 909 944	5 kg	P002 LP02	PP12	IBC08	B3
3078	CERIUM turnings or gritty powder	4.3	–	II	–	500 g	P410	PP31 PP40	IBC07	B2
3079	METHACRYLONITRILE, STABILIZED	3	6.1	I	–	None	P001	–	–	–
3080	ISOCYANATES, TOXIC, FLAMMABLE, N.O.S or ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.	6.1	3 ●	II	274	100 ml	P001	–	IBC02	–
3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	– ●	III	274 909 944	5 l	P001 LP01	–	IBC03	–
3083	PERCHLORYL FLUORIDE	2.3	5.1	–	–	None	P200	–	–	–
3084	CORROSIVE SOLID, OXIDIZING, N.O.S.	8	5.1 ●	I	274	None	P002	–	–	–
3084	CORROSIVE SOLID, OXIDIZING, N.O.S.	8	5.1 ●	II	274 944	1 kg	P002	–	IBC06	B2
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	8 ●	I	274	None	P503	–	–	–
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	8 ●	II	274 944	1 kg	P002	–	IBC06	B2
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	8 ●	III	223 274 944	5 kg	P002	–	IBC08	B3
3086	TOXIC SOLID, OXIDIZING, N.O.S.	6.1	5.1 ●	I	274	None	P002	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	–	–	F-A, S-V	Category A. "Separated from" class 6.2. Within the appliance, to the extent that the dangerous goods are packaged as integral parts of the complete life-saving appliance, there is no need to apply the provisions on segregation of substances in chapter 7.2.	These articles may contain: (a) Division 2.2 compressed gases; (b) signal devices (Class 1) which may include smoke and illumination signal flares; signal devices must be packed in plastic or fibreboard inner packagings; (c) electric storage batteries; (d) first aid kit; or (e) strike anywhere matches.	3072
T4	T7	TP2 TP13	F-E, S-C	Category C. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1. "Separated from" acids.	Colourless to straw-coloured flammable liquids. Flashpoint: 42°C to 51°C c.c. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes. React violently with acids.	3073
–	T1	TP33	F-A, S-F	Category A.	–	3077
–	T3	TP33	F-G, S-O	Category E. "Separated from" acids.	Grey, ductile metal or powder. Decomposes in water and reacts violently with acids, evolving hydrogen, which may be ignited by the heat of the reaction.	3078
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Colourless, mobile liquid with a pungent odour. Flashpoint: 4°C c.c. Explosive limits: 3% to 17%. Partially miscible with water. Toxic if swallowed, by skin contact or by inhalation. Practice has shown that this substance may leak from packagings that ordinarily are leakproof to other chemicals.	3079
T8	T11	TP2 TP13 TP27	F-E, S-D	Category D. Shaded from radiant heat. Clear of living quarters.	Flammable liquids or solutions with a pungent odour. Immiscible with or insoluble in water, but react with it to form carbon dioxide. Toxic if swallowed, by skin contact or by inhalation.	3080
T1	T4	TP2 TP29	F-A, S-F	Category A.	–	3082
–	–	–	F-C, S-W	Category D. Clear of living quarters.	Non-flammable, toxic, colourless gas with a characteristic sweet odour. Strong oxidizing agent; may cause fire in contact with organic materials. Reacts with water or moist air to produce toxic and corrosive fumes. Mixtures with oils or combustible materials may explode. Much heavier than air (3.6). Irritating to skin, eyes and mucous membranes.	3083
–	T6	TP9 TP33	F-A, S-Q	Category C.	Causes burns to skin, eyes and mucous membranes.	3084
–	T3	TP33	F-A, S-Q	Category C.	See entry above.	3084
–	–	–	F-A, S-Q	Category D. Keep as dry as reasonably practicable. "Separated from" ammonium compounds, cyanides and peroxides.	Causes burns to skin, eyes and mucous membranes. Particular care in handling should be exercised if packages have become wetted.	3085
–	T3	TP33	F-A, S-Q	Category B. Keep as dry as reasonably practicable. "Separated from" ammonium compounds, cyanides and peroxides.	See entry above.	3085
–	T1	TP33	F-A, S-Q	Category B. Keep as dry as reasonably practicable. "Separated from" ammonium compounds, cyanides and peroxides.	See entry above.	3085
–	T6	TP9 TP33	F-A, S-Q	Category C.	Toxic if swallowed, by skin contact or by inhalation.	3086

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3086	TOXIC SOLID, OXIDIZING, N.O.S.	6.1	5.1 •	II	274	500 g	P002	–	IBC06	B2
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	6.1 •	I	274	None	P503	–	–	–
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	6.1 •	II	274 944	1 kg	P002	–	IBC06	B2
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	6.1 •	III	223 274 944	5 kg	P002	–	IBC08	B3
3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	4.2	– •	II	274	None	P410	PP31	IBC06	B2
3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	4.2	– •	III	223 274	None	P002 LP02	PP31	IBC08	B3
3089	METAL POWDER, FLAMMABLE, N.O.S.	4.1	– •	II	944	1 kg	P002	–	IBC08	B2 B4
3089	METAL POWDER, FLAMMABLE, N.O.S.	4.1	– •	III	223 944	5 kg	P002	–	IBC06	–
3090	LITHIUM BATTERIES	9	–	II	188 230 310 957	None	P903	–	–	–
3091	LITHIUM BATTERIES CONTAINED IN EQUIPMENT or LITHIUM BATTERIES PACKED WITH EQUIPMENT	9	–	II	188 230 957	None	P903	–	–	–
3092	1-METHOXY-2-PROPANOL	3	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.	8	5.1 •	I	274	None	P001	–	–	–
3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.	8	5.1 •	II	274 944	1 ℓ	P001	–	IBC02	–
3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	8	4.3 •	I	274	None	P099	–	–	–
3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	8	4.3 •	II	274	500 ml	P001	–	–	–
3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.	8	4.2 •	I	274	None	P099	–	–	–
3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.	8	4.2 •	II	274 944	1 kg	P002	–	IBC06	B2
3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	8	4.3 •	I	274	None	P099	–	–	–
3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	8	4.3 •	II	274 944	1 kg	P002	–	IBC06	B2
3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	4.1	5.1 •	II	76 274	None	P099	–	–	–
3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	4.1	5.1 •	III	76 274	None	P099	–	–	–
3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1	8 •	I	274	None	P502	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-Q	Category C.	See entry above.	3086
–	–	–	F-A, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	Toxic if swallowed, by skin contact or by dust inhalation. Should be handled with care to minimize exposure, particularly to dust.	3087
–	T3	TP33	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and peroxides.	See entry above.	3087
–	T1	TP33	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and peroxides.	See entry above.	3087
–	T3	TP33	F-A, S-J	Category C.	Liable to self-heating or spontaneous combustion.	3088
–	T1	TP33	F-A, S-J	Category C.	See entry above.	3088
–	T3	TP33	F-G, S-G	Category B. "Separated from" class 5.1.	–	3089
–	T1	TP33	F-G, S-G	Category A. "Separated from" class 5.1.	–	3089
–	–	–	F-A, S-I	Category A.	Electrical batteries containing lithium or lithium alloy encased in a rigid metallic body. Lithium batteries may also be shipped in, or packed with, equipment. Electrical lithium batteries may cause fire due to an explosive rupture of the body caused by improper construction or reaction with contaminants.	3090
–	–	–	F-A, S-I	Category A.	See above	3091
T1	T2	TP1	F-E, S-D	Category A.	Colourless liquid. Flashpoint: 29°C to 35°C c.c. Explosive limits: 1.7% to 11.5%. Miscible with water. Reacts with strong oxidizing substances. Irritating to skin, eyes and mucous membranes.	3092
–	–	–	F-A, S-Q	Category C.	Causes burns to skin, eyes and mucous membranes.	3093
–	–	–	F-A, S-Q	Category C.	See entry above.	3093
–	–	–	F-G, S-L	Category D.	Causes burns to skin, eyes and mucous membranes.	3094
–	–	–	F-G, S-L	Category D.	See entry above.	3094
–	T6	TP9 TP33	F-A, S-N	Category D.	Causes burns to skin, eyes and mucous membranes.	3095
–	T3	TP33	F-A, S-N	Category D.	See entry above.	3095
–	T6	TP9 TP33	F-G, S-L	Category D.	Causes burns to skin, eyes and mucous membranes.	3096
–	T3	TP33	F-G, S-L	Category D.	See entry above.	3096
–	–	–	F-A, S-Q	–	–	3097
–	T1	TP33	F-A, S-Q	–	–	3097
–	–	–	F-A, S-Q	Category D. Keep as dry as reasonably practicable. "Separated from" ammonium compounds, cyanides and peroxides.	Causes burns to skin, eyes and mucous membranes. Particular care in handling should be exercised if packages have become wetted.	3098

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1	8 •	II	274 944	1 ℓ	P504	–	IBC01	–
3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1	8 •	III	223 274 944	5 ℓ	P504	–	IBC02	–
3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1	6.1 •	I	274	None	P502	–	–	–
3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1	6.1 •	II	274 944	1 ℓ	P504	–	IBC01	–
3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1	6.1 •	III	223 274 944	5 ℓ	P504	–	IBC02	–
3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.	5.1	4.2 •	I	76 274	None	P099	–	–	–
3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.	5.1	4.2 •	II	76 274	None	P099	–	–	–
3101	ORGANIC PEROXIDE TYPE B, LIQUID	5.2	See SP181	–	122 181 195 274 323	25 ml	P520	–	–	–
3102	ORGANIC PEROXIDE TYPE B, SOLID	5.2	See SP181	–	122 181 195 274 323	100 g	P520	–	–	–
3103	ORGANIC PEROXIDE TYPE C, LIQUID	5.2	–	–	122 195 274 323	25 ml	P520	–	–	–
3104	ORGANIC PEROXIDE TYPE C, SOLID	5.2	–	–	122 195 274 323	100 g	P520	–	–	–
3105	ORGANIC PEROXIDE TYPE D, LIQUID	5.2	–	–	122 274 323	125 ml	P520	–	–	–
3106	ORGANIC PEROXIDE TYPE D, SOLID	5.2	–	–	122 274 323	500 g	P520	–	–	–
3107	ORGANIC PEROXIDE TYPE E, LIQUID	5.2	–	–	122 274 323	125 ml	P520	–	–	–
3108	ORGANIC PEROXIDE TYPE E, SOLID	5.2	–	–	122 274 323	500 g	P520	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
-	-	-	F-A, S-Q	Category B. Keep as dry as reasonably practicable. "Separated from" ammonium compounds, cyanides and peroxides.	See entry above.	3098
-	-	-	F-A, S-Q	Category B. Keep as dry as reasonably practicable. "Separated from" ammonium compounds, cyanides and peroxides.	See entry above.	3098
-	-	-	F-A, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	Toxic if swallowed, by skin contact or by dust inhalation. Should be handled with care to minimize exposure, particularly to dust.	3099
-	-	-	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and peroxides.	See entry above.	3099
-	-	-	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and peroxides.	See entry above.	3099
-	-	-	F-A, S-Q	-	-	3100
-	-	-	F-A, S-Q	-	-	3100
-	-	-	F-J, S-R	Category D. For packages carrying a subsidiary risk label of class 1, segregation as for class 1, division 1.3. "Separated from" acids and alkalis.	May explode at elevated temperatures or in a fire. Burns vigorously. Immiscible with water. Contact with the eyes and skin should be avoided.	3101
-	-	-	F-J, S-R	Category D. For packages carrying a subsidiary risk label of class 1, segregation as for class 1, division 1.3. "Separated from" acids and alkalis.	May explode at elevated temperatures or in a fire. Burns vigorously. Insoluble in water. Contact with the eyes and skin should be avoided. Addition of water to disuccinic acid peroxide will decrease its thermal stability.	3102
-	-	-	F-J, S-R	Category D. "Separated from" acids and alkalis.	May decompose violently at elevated temperatures or in a fire. Burns vigorously. Immiscible with water except for <i>tert</i> -butyl hydroperoxide. Contact with the eyes and skin should be avoided.	3103
-	-	-	F-J, S-R	Category D. "Separated from" acids and alkalis.	May decompose violently at elevated temperatures or in a fire. Burns vigorously. Insoluble in water. Contact with the eyes and skin should be avoided.	3104
-	-	-	F-J, S-R	Category D. "Separated from" acids and alkalis. See 7.2.1.13.1.2.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Immiscible with water except for acetyl acetone peroxide, <i>tert</i> -butyl hydroperoxide and peroxyacetic acid, type D, stabilized. Contact with the eyes and skin should be avoided.	3105
-	-	-	F-J, S-R	Category D. "Separated from" acids and alkalis.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Insoluble in water except for 3-chloroperoxybenzoic acid. Contact with the eyes and skin should be avoided.	3106
-	-	-	F-J, S-R	Category D. "Separated from" acids and alkalis. See 7.2.1.13.1.2.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Immiscible with water except for <i>tert</i> -amyl hydroperoxide, and <i>tert</i> -butyl hydroperoxide and peroxyacetic acid, type E, stabilized. Contact with the eyes and skin should be avoided.	3107
-	-	-	F-J, S-R	Category D. "Separated from" acids and alkalis.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Insoluble in water. Contact with the eyes and skin should be avoided.	3108

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3109	ORGANIC PEROXIDE TYPE F, LIQUID	5.2	–	–	122 274 323	125 ml	P520	–	IBC520	–
3110	ORGANIC PEROXIDE TYPE F, SOLID	5.2	–	–	122 274 323	500 g	P520	–	IBC520	–
3111	ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED	5.2	See SP181	–	122 181 195 274 323 923	None	P520	–	–	–
3112	ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED	5.2	See SP181	–	122 181 195 274 323 923	None	P520	–	–	–
3113	ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED	5.2	–	–	122 195 274 323 923	None	P520	–	–	–
3114	ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED	5.2	–	–	122 195 274 323 923	None	P520	–	–	–
3115	ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 323 923	None	P520	–	–	–
3116	ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 323 923	None	P520	–	–	–
3117	ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 323 923	None	P520	–	–	–
3118	ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 323 923	None	P520	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T23	–	F-J, S-R	Category D. "Separated from" acids and alkalis. See 7.2.1.13.1.2.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Immiscible with water except for <i>tert</i> -butyl hydroperoxide; dibenzoyl peroxide; dilauroyl peroxide and peroxyacetic acid, type F, stabilized. Contact with the eyes and skin should be avoided.	3109
–	T23	TP33	F-J, S-R	Category D. "Separated from" acids and alkalis.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Insoluble in water. Contact with the eyes and skin should be avoided.	3110
–	–	–	F-F, S-R	Category D. For packages carrying a subsidiary risk label of class 1, segregation as for class 1, division 1.3. Shall be transported under temperature control. "Separated from" acids and alkalis.	May explode at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in table 2.5.3.2.4. The temperature should be checked regularly.	3111
–	–	–	F-F, S-R	Category D. For packages carrying a subsidiary risk label of class 1, segregation as for class 1, division 1.3. Shall be transported under temperature control. "Separated from" acids and alkalis.	May explode at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in table 2.5.3.2.4. The temperature should be checked regularly.	3112
–	–	–	F-F, S-R	Category D. Shall be transported under temperature control. "Separated from" acids and alkalis.	May decompose violently at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in table 2.5.3.2.4. The temperature should be checked regularly.	3113
–	–	–	F-F, S-R	Category D. Shall be transported under temperature control. "Separated from" acids and alkalis.	May decompose violently at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Insoluble in water. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in table 2.5.3.2.4. The temperature should be checked regularly.	3114
–	–	–	F-F, S-R	Category D. Shall be transported under temperature control. "Separated from" acids and alkalis.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in table 2.5.3.2.4. The temperature shall be checked regularly.	3115
–	–	–	F-F, S-R	Category D. Shall be transported under temperature control. "Separated from" acids and alkalis.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Insoluble in water except for diperoxyazelaic acid. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in table 2.5.3.2.4. The temperature should be checked regularly.	3116
–	–	–	F-F, S-R	Category D. Shall be transported under temperature control. "Separated from" acids and alkalis.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in table 2.5.3.2.4. The temperature should be checked regularly.	3117
–	–	–	F-F, S-R	Category D. Shall be transported under temperature control. "Separated from" acids and alkalis.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Insoluble in water except for di-(2-ethylhexyl) peroxydicarbonate. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in table 2.5.3.2.4. The temperature should be checked regularly.	3118

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3119	ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 323 923	None	P520	–	IBC520	–
3120	ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED	5.2	–	–	122 274 323 923	None	P520	–	IBC520	–
3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	5.1	4.3 •	I	76 274	None	P099	–	–	–
3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	5.1	4.3 •	II	76 274	None	P099	–	–	–
3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1	5.1 •	I	274 315	None	P001	–	–	–
3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1	5.1 •	II	274	100 ml	P001	–	IBC02	–
3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.	6.1	4.3 •	I	274 315	None	P099	–	–	–
3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.	6.1	4.3 •	II	274	100 ml	P001	–	IBC02	–
3124	TOXIC SOLID, SELF-HEATING, N.O.S.	6.1	4.2 •	I	274	None	P099	–	–	–
3124	TOXIC SOLID, SELF-HEATING, N.O.S.	6.1	4.2 •	II	274	None	P002	–	IBC06	B2
3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.	6.1	4.3 •	I	274	None	P099	–	–	–
3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.	6.1	4.3 •	II	274	500 g	P002	–	IBC06	B2
3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	4.2	8 •	II	76 274	None	P410	–	IBC05	B2
3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	4.2	8 •	III	76 223 274	None	P002	–	IBC08	B3
3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	4.2	5.1 •	II	76 274	None	P099	–	–	–
3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.	4.2	5.1 •	III	76 223 274	None	P099	–	–	–
3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	4.2	6.1 •	II	76 274	None	P410	–	IBC05	B2
3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	4.2	6.1 •	III	76 223 274	None	P002	–	IBC08	B3
3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3	8 •	I	76 274	None	P402	–	–	–
3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3	8 •	II	76 274	None	P402	–	IBC01	–
3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3	8 •	III	76 223 274	None	P001	–	IBC02	–
3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3	6.1 •	I	76 274	None	P402	–	–	–
3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3	6.1 •	II	76 274	None	P402	–	IBC01	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T23	–	F-F, S-R	Category D. Shall be transported under temperature control. "Separated from" acids and alkalis.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water except for di-(4- <i>tert</i> -butylcyclohexyl) peroxydicarbonate; dicetyl peroxydicarbonate and dimyristyl peroxydicarbonate. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in table 2.5.3.2.4. The temperature should be checked regularly.	3119
–	T23	TP33	F-F, S-R	Category D. Shall be transported under temperature control. "Separated from" acids and alkalis.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Insoluble in water. Contact with the eyes and skin should be avoided. Control and emergency temperatures for each formulation are given in the table 2.5.3.2.4. The temperature should be checked regularly.	3120
–	–	–	F-G, S-L	–	–	3121
–	–	–	F-G, S-L	–	–	3121
–	–	–	F-A, S-Q	Category C.	Toxic if swallowed, by skin contact or by inhalation.	3122
–	–	–	F-A, S-Q	Category C.	See entry above.	3122
–	–	–	F-G, S-N	Category D. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	3123
–	–	–	F-G, S-N	Category D. Clear of living quarters.	See entry above.	3123
–	T6	TP9 TP33	F-A, S-J	Category D. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	3124
–	T3	TP33	F-A, S-J	Category D. Clear of living quarters.	See entry above.	3124
–	T6	TP9 TP33	F-G, S-N	Category D. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	3125
–	T3	TP33	F-G, S-N	Category D. Clear of living quarters.	See entry above.	3125
–	–	–	F-A, S-J	Category C.	–	3126
–	–	–	F-A, S-J	Category C.	–	3126
–	–	–	F-A, S-J	–	–	3127
–	–	–	F-A, S-J	–	–	3127
–	–	–	F-A, S-J	Category C.	–	3128
–	–	–	F-A, S-J	Category C.	–	3128
–	–	–	F-G, S-N	Category D.	–	3129
–	–	–	F-G, S-N	Category E. If under deck, in a mechanically ventilated space.	–	3129
–	–	–	F-G, S-N	Category E.	–	3129
–	–	–	F-G, S-N	Category D.	–	3130
–	–	–	F-G, S-N	Category E. If under deck, in a mechanically ventilated space.	–	3130

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3	6.1 •	III	76 223 274	None	P001	–	IBC02	–
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	8 •	I	76 274	None	P403	–	–	–
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	8 •	II	76 274	None	P410	PP40	IBC06	B2
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	8 •	III	76 223 274	None	P410	–	IBC08	B4
3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3	4.1 •	I	76 274	None	P403	–	IBC99	–
3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3	4.1 •	II	76 274	None	P410	–	IBC04	–
3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3	4.1 •	III	76 223 274	None	P410	–	IBC06	–
3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	4.3	5.1 •	II	76 274	None	P099	–	–	–
3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	4.3	5.1 •	III	76 223 274	None	P099	–	–	–
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	6.1 •	I	274	None	P403	–	–	–
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	6.1 •	II	274	500 g	P410	PP40	IBC05	B2
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	6.1 •	III	223 274 944	1 kg	P410	–	IBC08	B4
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	4.2 •	I	76 274	None	P403	–	–	–
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	4.2 •	II	76 274	None	P410	–	IBC05	B2
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	4.2 •	III	76 223 274	None	P410	–	IBC08	B4
3136	TRIFLUOROMETHANE, REFRIGERATED LIQUID	2.2	–	–	–	120 ml	P203	–	–	–
3137	OXIDIZING SOLID, FLAMMABLE, N.O.S.	5.1	4.1 •	I	76 274	None	P099	–	–	–
3138	ETHYLENE, ACETYLENE AND PROPYLENE MIXTURE, REFRIGERATED LIQUID containing at least 71.5% ethylene, with not more than 22.5% acetylene and not more than 6% propylene	2.1	–	–	–	None	P203	–	–	–
3139	OXIDIZING LIQUID, N.O.S.	5.1	– •	I	274	None	P502	–	–	–
3139	OXIDIZING LIQUID, N.O.S.	5.1	– •	II	274 944	1 ℓ	P504	–	IBC02	–
3139	OXIDIZING LIQUID, N.O.S.	5.1	– •	III	223 274 944	5 ℓ	P504	–	IBC02	–
3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOIDS SALTS, LIQUID, N.O.S.	6.1	– •	I	43 274	None	P001	–	–	–
3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOIDS SALTS, LIQUID, N.O.S.	6.1	– •	II	43 274	100 ml	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	–	–	F-G, S-N	Category E. If under deck, in a mechanically ventilated space.	–	3130
–	–	–	F-G, S-L	Category D.	–	3131
–	–	–	F-G, S-L	Category E. If under deck, in a mechanically ventilated space.	–	3131
–	–	–	F-G, S-L	Category E. If under deck, in a mechanically ventilated space.	–	3131
–	–	–	F-G, S-N	–	–	3132
–	–	–	F-G, S-N	–	–	3132
–	–	–	F-G, S-N	–	–	3132
–	–	–	F-G, S-L	–	–	3133
–	–	–	F-G, S-L	–	–	3133
–	–	–	F-G, S-N	Category D.	–	3134
–	T3	TP33	F-G, S-N	Category E. If under deck, in a mechanically ventilated space.	–	3134
–	T1	TP33	F-G, S-N	Category E. If under deck, in a mechanically ventilated space.	–	3134
–	–	–	F-G, S-N	–	–	3135
–	T3	TP33	F-G, S-N	–	–	3135
–	T1	TP33	F-G, S-N	–	–	3135
–	T75	TP5	F-C, S-V	Category D.	Liquefied, non-flammable gas. Much heavier than air (2.4).	3136
–	–	–	F-G, S-Q	–	–	3137
–	T75	TP5	<u>F-D</u> , S-U	Category D. Clear of living quarters. "Separated from" chlorine.	Liquefied, flammable, colourless mixture of gases with a garlic odour. Explosive limits: 2.7% to 36%. Lighter than air (0.96).	3138
–	–	–	F-A, S-Q	Category D. "Separated from" ammonium compounds, cyanides and peroxides.	–	3139
–	–	–	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and peroxides.	–	3139
–	–	–	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and peroxides.	–	3139
–	–	–	F-A, S-A	Category A.	A wide range of toxic liquids, generally of vegetable origin. Toxic if swallowed, by skin contact or by inhalation.	3140
–	–	–	F-A, S-A	Category A.	See entry above.	3140

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOIDS SALTS, LIQUID, N.O.S.	6.1	– ●	III	43 223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3141	ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.	6.1	–	III	45	5 ℓ	P001 LP01	–	IBC03	–
3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1	– ●	I	274	None	P001	–	–	–
3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1	– ●	II	274	100 ml	P001	–	IBC02	–
3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1	– ●	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	– ●	I	274	None	P002	–	IBC07	B1
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	– ●	II	274	500 g	P002	–	IBC08	B2 B4
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	–	I	43	None	P001	–	–	–
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	–	II	43	100 ml	P001	–	IBC02	–
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	–	III	43 223	5 ℓ	P001 LP01	–	IBC03	–
3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)	8	– ●	I	–	None	P001	–	–	–
3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)	8	– ●	II	944	1 ℓ	P001	–	IBC02	–
3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)	8	– ●	III	223 944	5 ℓ	P001 LP01	–	IBC03	–
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	– PP	I	43 274	None	P002	–	IBC07	B1
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	– PP	II	43 274	500 g	P002	–	IBC08	B2 B4
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	– PP	III	43 223 274	500 g	P002 LP02	–	IBC08	B3
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	– ●	I	274	None	P002	–	IBC07	B1
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	– ●	II	274 944	1 kg	P002	–	IBC08	B2 B4
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3148	WATER-REACTIVE LIQUID, N.O.S.	4.3	– ●	I	274	None	P402	PP31	–	–
3148	WATER-REACTIVE LIQUID, N.O.S.	4.3	– ●	II	274	500 g	P402	PP31	IBC01	–
3148	WATER-REACTIVE LIQUID, N.O.S.	4.3	– ●	III	223 274 944	1 kg	P001	PP31	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	–	–	F-A, S-A	Category A.	See entry above.	3140
–	–	–	F-A, S-A	Category A.	A wide range of toxic liquids. Toxic if swallowed, by skin contact or by inhalation.	3141
–	–	–	F-A, S-A	Category A. Clear of living quarters.	A wide range of toxic liquids. Toxic if swallowed, by skin contact or by inhalation.	3142
–	–	–	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3142
–	–	–	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3142
–	T6	TP9 TP33	F-A, S-A	Category A.	A wide range of toxic solids. Toxic if swallowed, by skin contact or by inhalation.	3143
–	T3	TP33	F-A, S-A	Category A.	See entry above.	3143
–	T1	TP33	F-A, S-A	Category A.	See entry above.	3143
–	–	–	F-A, S-A	Category B. Clear of living quarters.	A wide variety of toxic liquids. Toxic if swallowed, by skin contact or by inhalation.	3144
–	–	–	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3144
–	–	–	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3144
T4	T14	TP2 TP9	F-A, S-B	Category B.	A wide range of colourless to pale straw-coloured liquids with penetrating odours (sometimes camphor-like). Liquids slightly miscible with water. Cause burns to skin, eyes and mucous membranes.	3145
T4	T11	TP2 TP27	F-A, S-B	Category B.	See entry above.	3145
–	T7	TP1 TP28	F-A, S-B	Category A.	See entry above.	3145
–	T6	TP9 TP33	F-A, S-A	Category B. Clear of living quarters.	A wide variety of toxic solids. Toxic if swallowed, by skin contact or by inhalation.	3146
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3146
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3146
–	T6	TP9 TP33	F-A, S-B	Category A.	A wide range of corrosive solids or pastes. Causes burns to skin, eyes and mucous membranes.	3147
–	T3	TP33	F-A, S-B	Category A.	See entry above.	3147
–	T1	TP33	F-A, S-B	Category A.	See entry above.	3147
–	–	–	F-G, S-N	Category E. Clear of living quarters.	–	3148
–	–	–	F-G, S-N	Category E. Clear of living quarters.	–	3148
–	–	–	F-G, S-N	Category E. Clear of living quarters.	–	3148

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED	5.1	8	II	196	1 ℓ	P504	PP10	IBC02	B5
3150	DEVICES, SMALL, HYDROCARBON GAS POWERED or HYDROCARBON GAS REFILLS FOR SMALL DEVICES with release device	2.1	–	–	–	None	P003	–	–	–
3151	POLYHALOGENATED BIPHENYLS, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID	9	– PP	II	203 305 908	500 mℓ	P906	–	IBC02	–
3152	POLYHALOGENATED BIPHENYLS, SOLID or POLYHALOGENATED TERPHENYLS, SOLID	9	– PP	II	203 305 958	500 g	P906	–	IBC08	B2 B4
3153	PERFLUORO(METHYL VINYL ETHER)	2.1	–	–	–	None	P200	–	–	–
3154	PERFLUORO(ETHYL VINYL ETHER)	2.1	–	–	–	None	P200	–	–	–
3155	PENTACHLOROPHENOL	6.1	– PP	II	43	500 g	P002	–	IBC08	B2 B4
3156	COMPRESSED GAS, OXIDIZING, N.O.S.	2.2	5.1 •	–	274	None	P200	–	–	–
3157	LIQUEFIED GAS, OXIDIZING, N.O.S.	2.2	5.1 •	–	274	None	P200	–	–	–
3158	GAS, REFRIGERATED LIQUID, N.O.S.	2.2	– •	–	274	120 mℓ	P203	–	–	–
3159	1,1,1,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 134a)	2.2	–	–	–	120 mℓ	P200	–	–	–
3160	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1 •	–	274	None	P200	–	–	–
3161	LIQUEFIED GAS, FLAMMABLE, N.O.S.	2.1	– •	–	274	None	P200	–	–	–
3162	LIQUEFIED GAS, TOXIC, N.O.S.	2.3	– •	–	274	None	P200	–	–	–
3163	LIQUEFIED GAS, N.O.S.	2.2	– •	–	274	120 mℓ	P200	–	–	–
3164	ARTICLES, PRESSURIZED, PNEUMATIC or HYDRAULIC (containing non-flammable gas)	2.2	– •	–	283	120 mℓ	P003	–	–	–
3165	AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK (containing a mixture of anhydrous hydrazine and methylhydrazine)	3	6.1/8	I	–	None	P301	–	–	–
3167	GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid	2.1	– •	–	209	None	P201	–	–	–
3168	GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S., not refrigerated liquid	2.3	2.1 •	–	209	None	P201	–	–	–
3169	GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid	2.3	– •	–	209	None	P201	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T7	TP2 TP6 TP24	F-H, S-Q	Category D. Shade from radiant heat. "Separated from" permanganates and class 4.1. See 7.2.1.13.1.2.	Colourless liquid. Carried as an aqueous solution. Slowly decomposes, evolving oxygen; the rate of decomposition increases on contact with most metals. In contact with combustible material may cause fire. Causes burns to skin, eyes and mucous membranes. Even though stabilized, these solutions may evolve oxygen.	3149
–	–	–	F-D, S-U	Category B. Clear of living quarters.	Various small devices used for cosmetic and other purposes, and their refills.	3150
–	–	–	F-A, S-A	Category A. "Separated from" foodstuffs.	Viscous liquids with a perceptible odour. Harmful by ingestion or by skin contact. This entry also covers articles, such as transformers and condensers, containing free liquid polyhalogenated biphenyls or polyhalogenated terphenyls.	3151
–	T3	TP33	F-A, S-A	Category A. "Separated from" foodstuffs.	Solid with a perceptible odour. Melting point of solids varies from 2°C to 164°C. Harmful by ingestion or by skin contact. This entry covers articles, such as rags, cotton waste, clothing, sawdust, containing polyhalogenated biphenyls or polyhalogenated terphenyls where no free visible liquid is present.	3152
–	T50	–	F-D, S-U	Category E. Clear of living quarters.	Explosive limits: 7% to 73%. Much heavier than air (4.8). Boiling point: –27°C.	3153
–	–	–	F-D, S-U	Category E. Clear of living quarters.	Explosive limits: 7% to 73%. Much heavier than air (6.4). Boiling point: 12°C.	3154
–	T3	TP33	F-A, S-A	Category A.	Toxic if swallowed, by skin contact or by dust inhalation.	3155
–	–	–	<u>F-C</u> , S-W	Category D.	–	3156
–	–	–	<u>F-C</u> , S-W	Category D.	–	3157
–	T75	TP5	F-C, S-V	Category D.	–	3158
–	T50	–	F-C, S-V	Category A.	Non-flammable gas with a mild ether-like odour. Much heavier than air (3.5).	3159
–	–	–	<u>F-D</u> , S-U	Category D. Clear of living quarters.	–	3160
–	T50	–	F-D, S-U	Category D. Clear of living quarters.	–	3161
–	–	–	F-C, S-U	Category D. Clear of living quarters.	–	3162
–	T50	–	F-C, S-V	Category A.	–	3163
–	–	–	F-C, S-V	Category A.	Articles containing non-flammable, non-toxic gas necessary for their operation.	3164
–	–	–	F-E, S-C	Category D. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1 and class 8.	The mixture is miscible with water and may react dangerously with oxidizing substances. The mixture is highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	3165
–	–	–	F-D, S-U	Category D.	–	3167
–	–	–	F-D, S-U	Category D.	–	3168
–	–	–	F-C, S-U	Category D.	–	3169

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS	4.3	–	II	244	500 g	P410	PP31 PP40	IBC07	B2
3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS	4.3	–	III	223 244	1 kg	P002	PP31	IBC08	B4
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1	– ●	I	210 274	None	P001	–	–	–
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1	– ●	II	210 274	100 ml	P001	–	IBC02	–
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1	– ●	III	210 223 274 944	5 l	P001 LP01	–	IBC03	–
3174	TITANIUM DISULPHIDE	4.2	–	III	–	None	P002 LP02	PP31	IBC08	B3
3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	4.1	– ●	II	216 274 944	1 kg	P002	PP9	IBC06	B2
3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	4.1	– ●	II	274	None	–	–	–	–
3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	4.1	– ●	III	223 274	None	–	–	–	–
3178	FLAMMABLE SOLID, INORGANIC, N.O.S.	4.1	– ●	II	274 915 944	1 kg	P002	–	IBC08	B2 B4
3178	FLAMMABLE SOLID, INORGANIC, N.O.S.	4.1	– ●	III	223 274 915 944	5 kg	P002 LP02	–	IBC08	B3
3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	4.1	6.1 ●	II	274 915 944	1 kg	P002	–	IBC06	B2
3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	4.1	6.1 ●	III	223 274 915 944	5 kg	P002	–	IBC06	–
3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	4.1	8 ●	II	274 915 944	1 kg	P002	–	IBC06	B2
3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	4.1	8 ●	III	223 274 915 944	5 kg	P002	–	IBC06	–
3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	4.1	– ●	II	274 944	1 kg	P002	PP31	IBC08	B2 B4
3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	4.1	– ●	III	223 274 944	5 kg	P002 LP02	PP31	IBC08	B3
3182	METAL HYDRIDES, FLAMMABLE, N.O.S.	4.1	– ●	II	274 944	1 kg	P410	PP31 PP40	IBC04	–
3182	METAL HYDRIDES, FLAMMABLE, N.O.S.	4.1	– ●	III	223 274 944	5 kg	P002	PP31	IBC04	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T3 BK2	TP33	F-G, S-P	Category B. Under deck in a mechanically ventilated space. Only to be loaded under dry weather conditions.	Grey powder or lumps with some metallic inclusions. Contact with water may cause heating with possible evolution of flammable and toxic gases such as hydrogen and ammonia. This entry includes e.g. aluminium dross, aluminium skimmings, spent cathodes, spent potliner and aluminium salt slags.	3170
–	T1 BK2	TP33	F-G, S-P	Category B. Under deck in a mechanically ventilated space. Only to be loaded under dry weather conditions.	See entry above.	3170
–	–	–	F-A, S-A	Category B.	Toxins from plant, animal or bacterial sources which contain infectious substances or toxins that are contained in infectious substances should be classified in class 6.2. Toxic if swallowed, by skin contact or by inhalation.	3172
–	–	–	F-A, S-A	Category B.	See entry above.	3172
–	–	–	F-A, S-A	Category A.	See entry above.	3172
–	T1	TP33	F-A, S-J	Category A.	Yellow or grey powder with an unpleasant odour. In contact with water slowly evolves hydrogen sulphide gas.	3174
–	T3 BK2	TP33	F-A, S-I	Category B.	Mixtures of non-dangerous solids (such as soil, sand, production materials etc.) and flammable liquids.	3175
–	T3	TP3 TP26	F-A, S-H	Category C.	Shipped molten above its melting point.	3176
–	T1	TP3 TP26	F-A, S-H	Category C.	See entry above.	3176
–	T3	TP33	F-A, S-G	Category B.	–	3178
–	T1	TP33	F-A, S-G	Category B.	–	3178
–	T3	TP33	F-A, S-G	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by dust inhalation. Should be handled with care to minimize exposure, particularly to dust.	3179
–	T1	TP33	F-A, S-G	Category B. Clear of living quarters.	See entry above.	3179
–	T3	TP33	F-A, S-G	Category D. Clear of living quarters.	Causes burns to skin, eyes and mucous membranes.	3180
–	T1	TP33	F-A, S-G	Category D. Clear of living quarters.	See entry above.	3180
–	T3	TP33	F-A, S-I	Category B. Clear of living quarters.	Decomposes in water. Liable to spontaneous heating. Irritating to skin and mucous membranes.	3181
–	T1	TP33	F-A, S-I	Category B. Clear of living quarters.	See entry above.	3181
–	T3	TP33	F-A, S-G	Category E.	–	3182
–	T1	TP33	F-A, S-G	Category E.	–	3182

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.	4.2	– ●	II	274	None	P001	PP31	IBC02	–
3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.	4.2	– ●	III	223 274	None	P001	PP31	IBC02	–
3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	4.2	6.1 ●	II	274	None	P402	PP31	IBC02	–
3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	4.2	6.1 ●	III	223 274	None	P001	PP31	IBC02	–
3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	4.2	8 ●	II	274	None	P402	PP31	IBC02	–
3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	4.2	8 ●	III	223 274	None	P001	PP31	IBC02	–
3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.	4.2	– ●	II	274	None	P001	PP31	IBC02	–
3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.	4.2	– ●	III	223 274	None	P001	PP31	IBC02	–
3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	4.2	6.1 ●	II	274	None	P402	PP31	IBC02	–
3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	4.2	6.1 ●	III	223 274	None	P001	PP31	IBC02	–
3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	4.2	8 ●	II	274	None	P402	PP31	IBC02	–
3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	4.2	8 ●	III	223 274	None	P001	PP31	IBC02	–
3189	METAL POWDER, SELF-HEATING, N.O.S.	4.2	– ●	II	274	None	P410	PP31	IBC06	B2
3189	METAL POWDER, SELF-HEATING, N.O.S.	4.2	– ●	III	223 274	None	P002 LP02	PP31	IBC08	B3
3190	SELF-HEATING SOLID, INORGANIC, N.O.S.	4.2	– ●	II	274	None	P410	PP31	IBC06	B2
3190	SELF-HEATING SOLID, INORGANIC, N.O.S.	4.2	– ●	III	223 274	None	P002 LP02	PP31	IBC08	B3
3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	4.2	6.1 ●	II	274	None	P410	–	IBC05	B2
3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	4.2	6.1 ●	III	223 274	None	P002	–	IBC08	B3
3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	4.2	8 ●	II	274	None	P410	–	IBC05	B2
3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	4.2	8 ●	III	274	None	P002	–	IBC08	B3
3194	PYROPHORIC LIQUID, INORGANIC, N.O.S.	4.2	– ●	I	274	None	P400	–	–	–
3200	PYROPHORIC SOLID, INORGANIC, N.O.S.	4.2	– ●	I	274	None	P404	PP31	–	–
3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	4.2	– ●	II	183 274	None	P410	PP31	IBC06	B2
3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	4.2	– ●	III	183 223 274	None	P002 LP02	PP31	IBC08	B3
3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	4.2	8 ●	II	182 274	None	P410	PP31	IBC05	B2
3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	4.2	8 ●	III	182 223 274	None	P002	PP31	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-A, S-J	Category C.	–	3183
–	–	–	F-A, S-J	Category C.	–	3183
–	–	–	F-A, S-J	Category C.	–	3184
–	–	–	F-A, S-J	Category C.	–	3184
–	–	–	F-A, S-J	Category C.	–	3185
–	–	–	F-A, S-J	Category C.	–	3185
–	–	–	F-A, S-J	Category C.	–	3186
–	–	–	F-A, S-J	Category C.	–	3186
–	–	–	F-A, S-J	Category C.	–	3187
–	–	–	F-A, S-J	Category C.	–	3187
–	–	–	F-A, S-J	Category C.	–	3188
–	–	–	F-A, S-J	Category C.	–	3188
–	T3	TP33	F-G, S-J	Category C.	Forms explosive mixtures with oxidizing substances.	3189
–	T1	TP33	F-G, S-J	Category C.	See entry above.	3189
–	T3	TP33	F-A, S-J	Category C.	Liable to self-heating or spontaneous combustion.	3190
–	T1	TP33	F-A, S-J	Category C.	See entry above.	3190
–	T3	TP33	F-A, S-J	Category C.	–	3191
–	T1	TP33	F-A, S-J	Category C.	–	3191
–	T3	TP33	F-A, S-J	Category C.	–	3192
–	T1	TP33	F-A, S-J	Category C.	–	3192
–	–	–	F-G, S-M	Category D. Prohibited on any ship carrying class 1 with the exceptions listed in 7.2.7.1.3.2.	Highly flammable liquids, may ignite spontaneously in moist air. In contact with air, evolve irritating and slightly toxic fumes.	3194
–	T21	TP7 TP9 TP33	F-G, S-M	Category D.	Liable to ignite spontaneously in air. If shaken, may produce sparks. In contact with water, evolve hydrogen, a flammable gas.	3200
–	T3	TP33	F-A, S-J	Category B.	Free-flowing hygroscopic powder. Irritating to skin, eyes and mucous membranes.	3205
–	T1	TP33	F-A, S-J	Category B.	See entry above.	3205
–	T3	TP33	F-A, S-J	Category B.	Free-flowing hygroscopic powder. Cause burns to skin, eyes and mucous membranes.	3206
–	T1	TP33	F-A, S-J	Category B.	See entry above.	3206

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	– ●	I	274	None	P403	PP31	IBC99	–
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	– ●	II	274	500 g	P410	PP31	IBC07	B2
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	– ●	III	223 274 944	1 kg	P410	PP31 PP40	IBC08	B4
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	4.2 ●	I	274	None	P403	PP31	–	–
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	4.2 ●	II	274	None	P410	PP31 PP40	IBC05	B2
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	4.2 ●	III	223 274	None	P410	PP31	IBC08	B4
3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	II	900 944	1 ℓ	P504	–	IBC02	–
3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	III	223 900 944	5 ℓ	P504	–	IBC02	–
3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	II	944	1 ℓ	P504	–	IBC02	–
3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	III	223 944	5 ℓ	P504	–	IBC02	–
3212	HYPOCHLORITES, INORGANIC, N.O.S.	5.1	– ●	II	900 903 944	1 kg	P002	–	IBC08	B2 B4
3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	II	900	1 ℓ	P504	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	–	–	F-G, S-N	Category E. Clear of living quarters.	–	3208
–	T3	TP33	F-G, S-N	Category E. Clear of living quarters.	–	3208
–	T1	TP33	F-G, S-N	Category E. Clear of living quarters.	–	3208
–	–	–	F-G, S-N	Category E. Clear of living quarters.	–	3209
–	T3	TP33	F-G, S-N	Category E. Clear of living quarters.	–	3209
–	T1	TP33	F-G, S-N	Category E. Clear of living quarters.	–	3209
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water of the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3210
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	3210
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water of the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3211
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	3211
–	T3	TP33	F-H, S-Q	Category D. Category E, Closed Cargo Transport Unit and pallet boxes only. Ventilation may be required. The possible need to open hatches in case of fire to provide maximum ventilation and to apply water in an emergency, and the consequent risk to the stability of the ship through flooding of the cargo space, shall be considered before loading. "Separated from" ammonium compounds, acids, cyanides, hydrogen peroxide and liquid organic substances. "Away from" sources of heat.	Solids. Critical ambient temperature of decomposition may be as low as 60°C. May cause fire in contact with organic material or ammonium compounds. React with acids, evolving chlorine, an irritating, corrosive and toxic gas. In the presence of moisture, corrosive to most metals. Dust irritates mucous membranes.	3212
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water of the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3213

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	III	223 900 944	5 ℓ	P504	–	IBC02	–
3214	PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	II	900 944	1 ℓ	P504	–	IBC02	–
3215	PERSULPHATES, INORGANIC, N.O.S.	5.1	– ●	III	944	5 kg	P002 LP02	–	IBC08	B3
3216	PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	III	944	5 ℓ	P504	–	IBC02	–
3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	II	270 944	1 ℓ	P504	–	IBC02	–
3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	III	223 270 944	5 ℓ	P504	–	IBC02	–
3219	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	II	944	1 ℓ	P504	–	IBC01	–
3219	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	– ●	III	223 900 944	5 ℓ	P504	–	IBC02	–
3220	PENTAFLUOROETHANE (REFRIGERANT GAS R 125)	2.2	–	–	–	120 ml	P200	–	–	–
3221	SELF-REACTIVE LIQUID TYPE B	4.1	See SP181	–	181 274	25 ml	P520	PP21	–	–
3222	SELF-REACTIVE SOLID TYPE B	4.1	See SP181	–	181 274	100 g	P520	PP21	–	–
3223	SELF-REACTIVE LIQUID TYPE C	4.1	–	–	274	25 ml	P520	PP21	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)	(15)	(16)	(17)	(18)
–	T4	TP1	F-H, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	3213
–	T4	TP1	F-H, S-Q	Category D. "Separated from" ammonium compounds, cyanides, peroxides and sulphur.	When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water of the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3214
–	T1	TP33	F-A, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Solids. Solid mixtures with combustible material are sensitive to friction and are liable to ignite. Reacts fiercely with cyanides when heated or by friction. May form explosive mixture with powdered metals or ammonium compounds.	3215
–	T4	TP1 TP29	F-A, S-Q	Category A. "Separated from" ammonium compounds, cyanides and sulphur.	When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water of the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3216
–	T4	TP1	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water of the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3218
–	T4	TP1	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	3218
–	T4	TP1	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water of the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly with fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion; 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3219
–	T4	TP1	F-A, S-Q	Category B. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	3219
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable gas with a mild ether-like odour. Much heavier than air (4.2).	3220
–	–	–	F-J, S-G	Category D. "Separated from" acids and alkalis. For packages carrying a subsidiary risk label of class 1, segregation as for class 1, division 1.3.	May explode at elevated temperatures or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3221
–	–	–	F-J, S-G	Category D. "Separated from" acids and alkalis. For packages carrying a subsidiary risk label of class 1, segregation as for class 1, division 1.3.	May explode at elevated temperatures or in a fire. Burns vigorously. Insoluble in water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3222
–	–	–	F-J, S-G	Category D. "Separated from" acids and alkalis.	May decompose violently at elevated temperatures or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3223

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3224	SELF-REACTIVE SOLID TYPE C	4.1	–	–	274	100 g	P520	PP21	–	–
3225	SELF-REACTIVE LIQUID TYPE D	4.1	–	–	274	125 mℓ	P520	–	–	–
3226	SELF-REACTIVE SOLID TYPE D	4.1	–	–	274	500 g	P520	–	–	–
3227	SELF-REACTIVE LIQUID TYPE E	4.1	–	–	274	125 mℓ	P520	–	–	–
3228	SELF-REACTIVE SOLID TYPE E	4.1	–	–	274	500 g	P520	–	–	–
3229	SELF-REACTIVE LIQUID TYPE F	4.1	–	–	274	125 mℓ	P520	–	IBC99	–
3230	SELF-REACTIVE SOLID TYPE F	4.1	–	–	274	500 g	P520	–	IBC99	–
3231	SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED	4.1	See SP181	–	181 194 274 923	None	P520	PP21	–	–
3232	SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED	4.1	See SP181	–	181 194 274 923	None	P520	PP21	–	–
3233	SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	None	P520	PP21	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-J, S-G	Category D. "Separated from" acids and alkalis.	May decompose violently at elevated temperatures or in a fire. Burns vigorously. Insoluble in water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3224
–	–	–	F-J, S-G	Category D. "Separated from" acids and alkalis.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3225
–	–	–	F-J, S-G	Category D. "Separated from" acids and alkalis.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation. Insoluble in water except: 4-(benzyl(ethyl)amino)-3-ethoxybenzenediazonium zinc chloride, 3-chloro-4-diethylaminobenzenediazonium zinc chloride, 4-dipropylaminobenzenediazonium zinc chloride, sodium 2-diazo-1-naphthol-4-sulphonate, sodium 2-diazo-1-naphthol-5-sulphonate.	3226
–	–	–	F-J, S-G	Category D. "Separated from" acids and alkalis.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3227
–	–	–	F-J, S-G	Category D. "Separated from" acids and alkalis.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Insoluble in water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3228
–	T23	–	F-J, S-G	Category D. "Separated from" acids and alkalis.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3229
–	T23	–	F-J, S-G	Category D. "Separated from" acids and alkalis.	Decomposes at elevated temperatures or in a fire. Burns vigorously. Insoluble in water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3230
–	–	–	F-F, S-K	Category D. "Separated from" acids and alkalis. For packages carrying a subsidiary risk label of class 1, segregation as for class 1, division 1.3. Shall be transported under temperature control.	May explode at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation. Control and emergency temperatures for each formulation can be found in 2.4.2.3.2.3. The temperatures should be checked regularly.	3231
–	–	–	F-F, S-K	Category D. "Separated from" acids and alkalis. For packages carrying a subsidiary risk label of class 1, segregation as for class 1, division 1.3. Shall be transported under temperature control.	May explode at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation. Control and emergency temperatures for each formulation can be found in 2.4.2.3.2.3. The temperatures should be checked regularly.	3232
–	–	–	F-F, S-K	Category D. "Separated from" acids and alkalis. Shall be transported under temperature control.	May explode at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation. Control and emergency temperatures for each formulation can be found in 2.4.2.3.2.3. The temperatures should be checked regularly.	3233

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3234	SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	None	P520	PP21	–	–
3235	SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	None	P520	–	–	–
3236	SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	None	P520	–	–	–
3237	SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	None	P520	–	–	–
3238	SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	None	P520	–	–	–
3239	SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	None	P520	–	–	–
3240	SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED	4.1	–	–	194 274 923	None	P520	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-F, S-K	Category D. "Separated from" acids and alkalis. Shall be transported under temperature control.	May explode at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Insoluble in water except: 3-methyl-4-(pyrrolidin-1-yl)benzenediazonium tetrafluoroborate, tetramine palladium (II) nitrate. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation. Control and emergency temperatures for each formulation can be found in 2.4.2.3.2.3. The temperatures should be checked regularly.	3234
–	–	–	F-F, S-K	Category D. "Separated from" acids and alkalis. Shall be transported under temperature control.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3235
–	–	–	F-F, S-K	Category D. "Separated from" acids and alkalis. Shall be transported under temperature control.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Soluble in water except: azodicarbonamide formulation type D, 2,2'-azodi(2,4-dimethyl-4-methoxyvaleronitrile), 2,2'-azodi(2,4-dimethylvaleronitrile), 2,2'-azodi(2-methylbutyronitrile), N-formyl-2-(nitromethylene)-perhydro-1,3-thiazine, 4-nitrosophenol. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation.	3236
–	–	–	F-F, S-K	Category D. "Separated from" acids and alkalis. Shall be transported under temperature control.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation. Control and emergency temperatures for each formulation can be found in 2.4.2.3.2.3. The temperature should be checked regularly.	3237
–	–	–	F-F, S-K	Category D. "Separated from" acids and alkalis. Shall be transported under temperature control.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation. Control and emergency temperatures for each formulation can be found in 2.4.2.3.2.3. The temperature should be checked regularly.	3238
–	T23	–	F-F, S-K	Category D. "Separated from" acids and alkalis. Shall be transported under temperature control.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation. Control and emergency temperatures for each formulation can be found in 2.4.2.3.2.3. The temperature must be checked regularly.	3239
–	T23	–	F-F, S-K	Category D. "Separated from" acids and alkalis. Shall be transported under temperature control.	Decomposes at temperatures higher than the emergency temperature or in a fire. Burns vigorously. Immiscible with water. Contact with alkalis or acids may cause dangerous decomposition. The products of combustion or self-accelerating decomposition may be toxic by inhalation. Control and emergency temperatures for each formulation can be found in 2.4.2.3.2.3. The temperature must be checked regularly.	3240

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3241	2-BROMO-2-NITROPROPANE-1,3-DIOL	4.1	–	III	246	5 kg	P520	PP22	IBC08	B3
3242	AZODICARBONAMIDE	4.1	–	II	215	500 g	P409	–	–	–
3243	SOLIDS CONTAINING TOXIC LIQUID, N.O.S.	6.1	– ●	II	217 274	500 g	P002	PP9	IBC02	–
3244	SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.	8	– ●	II	218 274 944	1 kg	P002	PP9	IBC05	–
3245	GENETICALLY MODIFIED MICRO-ORGANISMS or GENETICALLY MODIFIED ORGANISMS	9	–	–	219	None	P904	–	IBC99	–
3246	METHANESULPHONYL CHLORIDE	6.1	8	I	–	None	P001	–	–	–
3247	SODIUM PEROXOBORATE, ANHYDROUS	5.1	–	II	–	1 kg	P002	–	IBC08	B4
3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S	3	6.1 ●	II	220 221 944	1 ℓ	P001	PP6	–	–
3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S	3	6.1 ●	III	220 221 223 944	5 ℓ	P001	PP6	–	–
3249	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	– ●	II	221	500 g	P002	PP6	–	–
3249	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	– ●	III	221 223 944	5 kg	P002 LP02	PP6	–	–
3250	CHLOROACETIC ACID, MOLTEN	6.1	8	II	–	None	–	–	–	–
3251	ISOSORBIDE-5-MONONITRATE	4.1	–	III	132 226	5 kg	P409	–	–	–
3252	DIFLUOROMETHANE (REFRIGERANT GAS R 32)	2.1	–	–	–	None	P200	–	–	–
3253	DISODIUM TRIOXOSILICATE	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	–	–	F-J, S-G	Category C. Shaded from radiant heat. Clear of living quarters. Keep as cool as reasonably practicable. During transport, it shall be protected from direct sunshine and stored (or kept) in a cool and well-ventilated place, away from all sources of heat.	White crystals. Soluble in water. Decomposes when heated, evolving toxic gases. Sensitive to strong detonation shock. This substance shall be packed in accordance with packing method OP6 (see applicable packing instruction).	3241
–	T3	TP33	F-J, S-G	Category D. "Separated from" class 5.1, acids and alkalis.	Yellow or orange powder. Insoluble in water. Heat may cause exothermic decomposition, producing carbon monoxide (toxic and flammable gas) and nitrogen. May explode if involved in a fire under confined conditions. Addition of activators (e.g. zinc compounds) may result in a decrease of thermal stability and/or a change in explosive properties.	3242
–	T3 BK2	TP33	F-A, S-A	Category B. Clear of living quarters.	Mixtures of non-dangerous solids (such as soil, sand, production materials, etc.) and toxic liquids. Toxic if swallowed, by skin contact or by inhalation.	3243
–	T3 BK2	TP33	F-A, S-B	Category B. Clear of living quarters.	Mixtures of non-dangerous solids (such as soil, sand, production materials, etc.) and corrosive liquids. Cause burns to skin, eyes and mucous membranes.	3244
–	–	–	F-A, S-T	As approved by the competent authorities of the countries involved in the transport.	–	3245
–	T14	TP2 TP12 TP13	F-A, S-B	Category D. Clear of living quarters.	Pale yellow liquid. Highly toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	3246
–	T3	TP33	F-A, S-Q	Category A. Keep as dry as reasonably practicable. Shaded from radiant heat.	Yellowish, odourless crystals. Soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Harmful if swallowed.	3247
–	–	–	F-E, S-D	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	3248
–	–	–	F-E, S-D	Category A.	See entry above.	3248
–	T3	TP33	F-A, S-A	Category C. Clear of living quarters.	Toxic if swallowed, by skin contact or by dust inhalation.	3249
–	T1	TP33	F-A, S-A	Category C. Clear of living quarters.	See entry above.	3249
–	T7	TP3 TP28	F-A, S-B	Category C. Clear of living quarters.	Molten liquid. Melting point may be as low as 50°C. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	3250
–	–	–	F-F, S-G	Category D. Keep as cool as reasonably practicable. During transport, protect from direct sunshine and store (or keep) in a cool and well ventilated place, away from all sources of heat.	May explode if involved in a fire under confined conditions. Sensitive to strong detonation shock.	3251
–	T50	–	F-D, S-U	Category D. Clear of living quarters.	Flammable colourless gas. Heavier than air (1.8).	3252
–	T1	TP33	F-A, S-B	Category A. "Separated from" acids.	Colourless hygroscopic solid. Dangerous reaction with oxidizers. In the presence of moisture, reacts with aluminium, zinc, tin and their compounds, evolving hydrogen, a flammable gas. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.	3253

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3254	TRIBUTYLPHOSPHANE	4.2	–	I	–	None	P400	–	–	–
3255	tert-BUTYL HYPOCHLORITE	4.2	8	I	76	None	P099	–	–	–
3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flashpoint above 60°C, at or above its flashpoint	3	– ●	III	–	None	P099	–	IBC01	–
3257	ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100°C and below its flashpoint (including molten metals, molten salts, etc.)	9	– ●	III	232	None	P099	–	IBC01	–
3258	ELEVATED TEMPERATURE SOLID, N.O.S. at or above 240°C	9	– ●	III	232	None	P099	–	–	–
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	– ●	I	274	None	P002	–	IBC07	B1
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	– ●	II	274 944	1 kg	P002	–	IBC08	B2 B4
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	– ●	I	274	None	P002	–	IBC07	B1
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	– ●	II	274 944	1 kg	P002	–	IBC08	B2 B4
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	– ●	I	274	None	P002	–	IBC07	B1
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	– ●	II	274 944	1 kg	P002	–	IBC08	B2 B4
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	– ●	I	274	None	P002	–	IBC07	B1
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	– ●	II	274 944	1 kg	P002	–	IBC08	B2 B4
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	– ●	I	274	None	P002	–	IBC07	B1
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	– ●	II	274 944	1 kg	P002	–	IBC08	B2 B4
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T21	TP2 TP7	F-A, S-M	Category D. "Separated from" carbon tetrachloride.	Colourless yellowish liquid. Insoluble in water. Strong garlic odour (phosphine). Liable to heat and ignite spontaneously in air. If involved in a fire evolves phosphine, a flammable and highly toxic gas. Reacts violently with oxidizing substances (peroxides, halogens, nitric oxides and carbon tetrachloride). Irritating to mucous membranes.	3254
–	–	–	F-A, S-M	Category D.	Volatile flammable slightly yellow liquid with a pungent odour. Immiscible with water. Boiling point: 77°C to 79°C. Flashpoint between –15°C and –10°C. Exposure to light causes immediate dangerous decomposition. Causes burns to skin, eyes and mucous membranes.	3255
–	T3	TP3 TP29	F-E, S-D	Category A.	–	3256
–	T3	TP3 TP29	F-A, <u>S-P</u>	Category A. If under deck, in a mechanically ventilated space.	Any liquid which is transported at or above 100°C but below its flashpoint. May cause fire if in contact with combustible material due to extreme temperature.	3257
–	–	–	F-A, <u>S-P</u>	Category A. If under deck, in a mechanically ventilated space.	Any solid which is transported at or above 240°C. May cause fire if in contact with combustible material due to extreme temperature.	3258
–	T6	TP9 TP33	F-A, S-B	Category A. "Separated from" acids.	Colourless to yellowish solids with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Cause burns to skin, eyes and mucous membranes. React violently with acids.	3259
–	T3	TP33	F-A, S-B	Category A. "Separated from" acids.	See entry above.	3259
–	T1	TP33	F-A, S-B	Category A. "Separated from" acids.	See entry above.	3259
–	T6	TP9 TP33	F-A, S-B	Category B.	Causes burns to skin, eyes and mucous membranes.	3260
–	T3	TP33	F-A, S-B	Category B.	See entry above.	3260
–	T1	TP33	F-A, S-B	Category A.	See entry above.	3260
–	T6	TP9 TP33	F-A, S-B	Category B.	Causes burns to skin, eyes and mucous membranes.	3261
–	T3	TP33	F-A, S-B	Category B.	See entry above.	3261
–	T1	TP33	F-A, S-B	Category A.	See entry above.	3261
–	T6	TP9 TP33	F-A, S-B	Category B. "Separated from" acids.	Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.	3262
–	T3	TP33	F-A, S-B	Category B. "Separated from" acids.	See entry above.	3262
–	T1	TP33	F-A, S-B	Category A. "Separated from" acids.	See entry above.	3262
–	T6	TP9 TP33	F-A, S-B	Category B. "Separated from" acids.	Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.	3263
–	T3	TP33	F-A, S-B	Category B. "Separated from" acids.	See entry above.	3263
–	T1	TP33	F-A, S-B	Category A. "Separated from" acids.	See entry above.	3263

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	– ●	I	274	None	P001	–	–	–
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	– ●	II	274 944	1 ℓ	P001	–	IBC02	–
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	– ●	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	– ●	I	274	None	P001	–	–	–
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	– ●	II	274 944	1 ℓ	P001	–	IBC02	–
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	– ●	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	– ●	I	274	None	P001	–	–	–
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	– ●	II	274 944	1 ℓ	P001	–	IBC02	–
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	– ●	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	– ●	I	274	None	P001	–	–	–
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	– ●	II	274 944	1 ℓ	P001	–	IBC02	–
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	– ●	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3268	AIR BAG INFLATORS or AIR BAG MODULES or SEAT-BELT PRETENSIONERS	9	–	III	280 289	None	P902 LP902	–	–	–
3269	POLYESTER RESIN KIT	3	– ●	II	236 944	5 ℓ	P302	–	–	–
3269	POLYESTER RESIN KIT	3	– ●	III	236 944	5 ℓ	P302	–	–	–
3270	NITROCELLULOSE MEMBRANE FILTERS with not more than 12.6% nitrogen, by dry mass	4.1	–	II	237 286	1 kg	P411	–	–	–
3271	ETHERS, N.O.S.	3	– ●	II	274 944	1 ℓ	P001	–	IBC02	–
3271	ETHERS, N.O.S.	3	– ●	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3272	ESTERS, N.O.S.	3	– ●	II	274 944	1 ℓ	P001	–	IBC02	–
3272	ESTERS, N.O.S.	3	– ●	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T11	T14	TP2 TP9 TP27	F-A, S-B	Category B. Clear of living quarters.	Causes burns to skin, eyes and mucous membranes.	3264
-	T11	TP2 TP27	F-A, S-B	Category B. Clear of living quarters.	See entry above.	3264
-	T7	TP1 TP28	F-A, S-B	Category A. Clear of living quarters.	See entry above.	3264
T11	T14	TP2 TP9 TP27	F-A, S-B	Category B. Clear of living quarters.	Causes burns to skin, eyes and mucous membranes.	3265
-	T11	TP2 TP27	F-A, S-B	Category B. Clear of living quarters.	See entry above.	3265
-	T7	TP1 TP28	F-A, S-B	Category A. Clear of living quarters.	See entry above.	3265
T11	T14	TP2 TP9 TP27	F-A, S-B	Category B. Clear of living quarters. "Separated from" acids.	Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.	3266
-	T11	TP2 TP27	F-A, S-B	Category B. Clear of living quarters. "Separated from" acids.	See entry above.	3266
-	T7	TP1 TP28	F-A, S-B	Category A. Clear of living quarters. "Separated from" acids.	See entry above.	3266
T11	T14	TP2 TP9 TP27	F-A, S-B	Category B. Clear of living quarters. "Separated from" acids.	Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.	3267
-	T11	TP2 TP27	F-A, S-B	Category B. Clear of living quarters. "Separated from" acids.	See entry above.	3267
-	T7	TP1 TP28	F-A, S-B	Category A. Clear of living quarters. "Separated from" acids.	See entry above.	3267
-	-	-	F-B, S-X	Category A.		3268
-	-	-	F-E, S-D	Category B.	Polyester resin kits consist of two components: a base material (flammable liquid, packaging group II) and an activator (organic peroxide), each separately packed in an inner packaging.	3269
-	-	-	F-E, S-D	Category A.	See entry above.	3269
-	-	-	F-A, S-I	Category D.	Filters may be small round pieces or large sheets. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. Burns rapidly with intense heat radiation.	3270
-	T7	TP1 TP8 TP28	F-E, S-D	Category B.	-	3271
-	T4	TP1 TP29	F-E, S-D	Category A.	-	3271
-	T7	TP1 TP8 TP28	F-E, S-D	Category B.	-	3272
T1	T4	TP1 TP29	F-E, S-D	Category A.	-	3272

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	I	274	None	P001	–	–	–
3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.	3	6.1 •	II	274 944	1 ℓ	P001	–	IBC02	–
3274	ALCOHOLATES SOLUTION, N.O.S. in alcohol	3	8 •	II	274 944	1 ℓ	P001	–	IBC02	–
3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.	6.1	3 •	I	274 315	None	P001	–	–	–
3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.	6.1	3 •	II	274	100 ml	P001	–	IBC02	–
3276	NITRILES, TOXIC, LIQUID, N.O.S.	6.1	– •	I	274 315	None	P001	–	–	–
3276	NITRILES, TOXIC, LIQUID, N.O.S.	6.1	– •	II	274	100 ml	P001	–	IBC02	–
3276	NITRILES, TOXIC, LIQUID, N.O.S.	6.1	– •	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3277	CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.	6.1	8 •	II	274	100 ml	P001	–	IBC02	–
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, LIQUID, N.O.S.	6.1	– •	I	43 274 315	None	P001	–	–	–
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, LIQUID, N.O.S.	6.1	– •	II	43 274	100 ml	P001	–	IBC02	–
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, LIQUID, N.O.S.	6.1	– •	III	43 223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.	6.1	3 •	I	43 274 315	None	P001	–	–	–
3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.	6.1	3 •	II	43 274	100 ml	P001	–	–	–
3280	ORGANOARSENIC COMPOUND, LIQUID, N.O.S.	6.1	– •	I	274 315	None	P001	–	–	–
3280	ORGANOARSENIC COMPOUND, LIQUID, N.O.S.	6.1	– •	II	274	100 ml	P001	–	IBC02	–
3280	ORGANOARSENIC COMPOUND, LIQUID, N.O.S.	6.1	– •	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3281	METAL CARBONYLS, LIQUID, N.O.S.	6.1	– •	I	274 315	None	P601	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category E. Clear of living quarters. "Separated from" acids.	Liquids evolving toxic vapour. React with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Toxic if swallowed, by skin contact or by inhalation.	3273
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters. "Separated from" acids.	See entry above.	3273
–	–	–	F-E, S-C	Category B.	Colourless solution. Reacts violently with water. Causes burns to skin, eyes and mucous membranes.	3274
T11	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters. "Separated from" acids.	Flammable liquids, evolving toxic vapour. React with acid or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	3275
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters. "Separated from" acids.	See entry above.	3275
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. " Separated from" acids.	Liquids, evolving toxic vapour. React with acid or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Miscible with water. Toxic if swallowed, by skin contact or by inhalation.	3276
–	T11	TP2 TP27	F-A, S-A	Category B. " Separated from" acids.	See entry above.	3276
–	T7	TP1 TP28	F-A, S-A	Category A. "Separated from" acids.	See entry above.	3276
–	T8	TP2 TP13 TP28	F-A, S-B	Category A. Keep as cool and dry as reasonably practicable. Shaded from radiant heat. Clear of living quarters.	React and decompose with water or heat, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	3277
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3278
–	T11	TP2 TP27	F-A, S-A	Category B.	See entry above.	3278
T3	T7	TP1 TP28	F-A, S-A	Category A.	See entry above.	3278
T11	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	A wide variety of toxic flammable liquids. Toxic if swallowed, by skin contact or by inhalation.	3279
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3279
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3280
–	T11	TP2 TP27	F-A, S-A	Category B.	See entry above.	3280
T3	T7	TP1 TP28	F-A, S-A	Category A.	See entry above.	3280
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category D. Clear of living quarters.	A range of metal carbonyls which, when heated, can give off carbon monoxide, a toxic gas. Immiscible with water. Toxic if swallowed, by skin contact or by inhalation.	3281

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3281	METAL CARBONYLS, LIQUID, N.O.S.	6.1	– •	II	274	100 ml	P001	–	IBC02	–
3281	METAL CARBONYLS, LIQUID, N.O.S.	6.1	– •	III	223 274 944	5 l	P001 LP01	–	IBC03	–
3282	ORGANOMETALLIC COMPOUND, TOXIC, LIQUID, N.O.S.	6.1	– •	I	274	None	P001	–	–	–
3282	ORGANOMETALLIC COMPOUND, TOXIC, LIQUID, N.O.S.	6.1	– •	II	274	100 ml	P001	–	IBC02	–
3282	ORGANOMETALLIC COMPOUND, TOXIC, LIQUID, N.O.S.	6.1	– •	III	223 274 944	5 l	P001 LP01	–	IBC03	–
3283	SELENIUM COMPOUND, SOLID, N.O.S.	6.1	– •	I	–	None	P002	–	IBC07	B1
3283	SELENIUM COMPOUND, SOLID, N.O.S.	6.1	– •	II	–	500 g	P002	–	IBC08	B2 B4
3283	SELENIUM COMPOUND, SOLID, N.O.S.	6.1	– •	III	223 944	5 kg	P002 LP02	–	IBC08	B3
3284	TELLURIUM COMPOUND, N.O.S.	6.1	– •	I	–	None	P002	–	IBC07	B1
3284	TELLURIUM COMPOUND, N.O.S.	6.1	– •	II	–	500 g	P002	–	IBC08	B2 B4
3284	TELLURIUM COMPOUND, N.O.S.	6.1	– •	III	223 944	5 kg	P002 LP02	–	IBC08	B3
3285	VANADIUM COMPOUND, N.O.S.	6.1	– •	I	–	None	P002	–	IBC07	B1
3285	VANADIUM COMPOUND, N.O.S.	6.1	– •	II	–	500 g	P002	–	IBC08	B2 B4
3285	VANADIUM COMPOUND, N.O.S.	6.1	– •	III	223 944	5 kg	P002 LP02	–	IBC08	B3
3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	6.1/8 •	I	274	None	P001	–	–	–
3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	6.1/8 •	II	274 944	1 l	P001	–	IBC99	–
3287	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	– •	I	274 315	None	P001	–	–	–
3287	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	– •	II	274	100 ml	P001	–	IBC02	–
3287	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	– •	III	223 274 944	5 l	P001 LP01	–	IBC03	–
3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	– •	I	274	None	P002	–	IBC99	–
3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	– •	II	274	500 g	P002	–	IBC08	B2 B4
3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	– •	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T11	TP2 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3281
T3	T7	TP1 TP28	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3281
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3282
–	T11	TP2 TP27	F-A, S-A	Category B.	See entry above.	3282
T3	T7	TP1 TP28	F-A, S-A	Category A.	See entry above.	3282
–	T6	TP9 TP33	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3283
–	T3	TP33	F-A, S-A	Category B.	See entry above.	3283
–	T1	TP33	F-A, S-A	Category A.	See entry above.	3283
–	T6	TP9 TP33	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3284
–	T3	TP33	F-A, S-A	Category B.	See entry above.	3284
–	T1	TP33	F-A, S-A	Category A.	See entry above.	3284
–	T6	TP9 TP33	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3285
–	T3	TP33	F-A, S-A	Category B.	See entry above.	3285
–	T1	TP33	F-A, S-A	Category A.	See entry above.	3285
–	T14	TP2 TP9 TP13 TP27	F-E, S-C	Category E. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	Flammable, toxic, corrosive liquid. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	3286
–	T11	TP2 TP13 TP27	F-E, S-C	Category B. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	See entry above.	3286
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation.	3287
–	T11	TP2 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3287
T3	T7	TP1 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3287
–	T6	TP9 TP33	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3288
–	T3	TP33	F-A, S-A	Category B.	See entry above.	3288
–	T1	TP33	F-A, S-A	Category A.	See entry above.	3288

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.	6.1	8 ●	I	274 315	None	P001	–	–	–
3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.	6.1	8 ●	II	274	100 ml	P001	–	IBC02	–
3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	6.1	8 ●	I	274	None	P002	–	IBC99	–
3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	6.1	8 ●	II	274	500 g	P002	–	IBC06	B2
3291	CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO)MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S.	6.2	–	II	–	None	P621 LP621	–	IBC620	–
3292	BATTERIES, CONTAINING SODIUM or CELLS, CONTAINING SODIUM	4.3	–	II	239	None	P408	–	–	–
3293	HYDRAZINE, AQUEOUS SOLUTION with not more than 37% hydrazine, by mass	6.1	–	III	223	5 l	P001 LP01	–	IBC03	–
3294	HYDROGEN CYANIDE, SOLUTION IN ALCOHOL, with not more than 45% hydrogen cyanide	6.1	3 P	I	900	None	P601	–	–	–
3295	HYDROCARBONS, LIQUID, N.O.S.	3	– ●	I	–	500 ml	P001	–	–	–
3295	HYDROCARBONS, LIQUID, N.O.S.	3	– ●	II	944	1 l	P001	–	IBC02	–
3295	HYDROCARBONS, LIQUID, N.O.S.	3	– ●	III	223 944	5 l	P001 LP01	–	IBC03	–
3296	HEPTAFLUOROPROPANE (REFRIGERANT GAS R 227)	2.2	–	–	–	120 ml	P200	–	–	–
3297	ETHYLENE OXIDE AND CHLOROTETRAFLUOROETHANE MIXTURE with not more than 8.8% ethylene oxide	2.2	–	–	–	120 ml	P200	–	–	–
3298	ETHYLENE OXIDE AND PENTAFLUOROETHANE MIXTURE with not more than 7.9% ethylene oxide	2.2	–	–	–	120 ml	P200	–	–	–
3299	ETHYLENE OXIDE AND TETRAFLUOROETHANE MIXTURE with not more than 5.6% ethylene oxide	2.2	–	–	–	120 ml	P200	–	–	–
3300	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide	2.3	2.1	–	–	None	P200	–	–	–
3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.	8	4.2 ●	I	274	None	P099	–	–	–
3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.	8	4.2 ●	II	274	None	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T11	T14	TP2 TP9 TP13 TP27	F-A, S-B	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	3289
–	T11	TP2 TP27	F-A, S-B	Category B. Clear of living quarters.	See entry above.	3289
–	T6	TP9 TP33	F-A, S-B	Category B. Clear of living quarters.	Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	3290
–	T3	TP33	F-A, S-B	Category B. Clear of living quarters.	See entry above.	3290
–	BK2	–	F-A, S-T	As approved by the competent authority of the country of origin.	Derived from the medical treatment of animals, humans or from bio-research.	3291
–	–	–	F-G, S-P	Category A.	Series of hermetically sealed metal cells containing sodium, electrically connected and secured within a metal casing. "Cold" batteries (batteries containing elemental sodium only in the solid state) are electrically inert. Batteries are activated by heating to between 300°C and 350°C before operating to produce electricity. Activated batteries (i.e., "hot" batteries containing liquid elemental sodium) may cause fire through short-circuit of the terminals. Batteries or cells should not be offered for transport at a temperature such that liquid elemental sodium is present in the battery or cell unless approved, and under conditions of transport established by the competent authority.	3292
T3	T4	TP1	F-A, S-A	Category A. "Separated from" acids.	Colourless liquid. Reacts violently with acids. Toxic if swallowed, by skin contact or by inhalation.	3293
T10	T14	TP2 TP13	F-E, S-D	Category D. Clear of living quarters.	Flammable solution, evolving extremely toxic flammable vapours. Miscible with water. Highly toxic if swallowed, by skin contact or by inhalation.	3294
–	T11	TP1 TP8 TP9 TP28	F-E, S-D	Category E.	Immiscible with water.	3295
–	T7	TP1 TP8 TP28	F-E, S-D	Category B.	See entry above.	3295
T1	T4	TP1 TP29	F-E, S-D	Category A.	See entry above.	3295
–	T50	–	F-C, S-V	Category A.	Non-flammable compressed gas. Heavier than air (1.4).	3296
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable, colourless gas with an ether-like odour. Much heavier than air.	3297
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable, colourless gas with an ether-like odour. Much heavier than air.	3298
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable, colourless gas with an ether-like odour. Much heavier than air.	3299
–	–	–	F-D, S-U	Category D. Clear of living quarters.	Liquefied, flammable, toxic colourless gas with an ether-like odour. Heavier than air (1.5).	3300
–	–	–	F-A, S-J	Category D.	Causes burns to skin, eyes and mucous membranes.	3301
–	–	–	F-A, S-J	Category D.	See entry above.	3301

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3302	2-DIMETHYLAMINOETHYL ACRYLATE	6.1	–	II	–	100 ml	P001	–	IBC02	–
3303	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	2.3	5.1 •	–	274	None	P200	–	–	–
3304	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	2.3	8 •	–	274	None	P200	–	–	–
3305	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3	2.1/8 •	–	274	None	P200	–	–	–
3306	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3	5.1/8 •	–	274	None	P200	–	–	–
3307	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.	2.3	5.1 •	–	274	None	P200	–	–	–
3308	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.	2.3	8 •	–	274	None	P200	–	–	–
3309	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2.3	2.1/8 •	–	274	None	P200	–	–	–
3310	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2.3	5.1/8 •	–	274	None	P200	–	–	–
3311	GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.	2.2	5.1 •	–	274	None	P203	–	–	–
3312	GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.	2.1	– •	–	274	None	P203	–	–	–
3313	ORGANIC PIGMENTS, SELF-HEATING	4.2	–	II	–	None	P002	–	IBC08	B2 B4
3313	ORGANIC PIGMENTS, SELF-HEATING	4.2	–	III	223	None	P002 LP02	–	IBC08	B3
3314	PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form, evolving flammable vapour	9	–	III	207	5 kg	P002	PP14	IBC08	B3 B6

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T4	T7	TP2	F-A, S-A	Category D. Shaded from radiant heat.	Colourless to light yellow liquid. Acrid odour. Soluble in water. Causes tears. Stabilized with hydroquinone derivatives. Hydrolyses in water to give off acrylic acid and dimethylaminoethanol. Toxic if swallowed, by skin contact or by inhalation.	3302
-	-	-	F-C, S-W	Category D. Clear of living quarters.	-	3303
-	-	-	F-C, S-U	Category D. Clear of living quarters.	-	3304
-	-	-	F-D, S-U	Category D. Clear of living quarters. Segregation as for class 2.1 but "Away from" class 4.3.	-	3305
-	-	-	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	-	3306
-	-	-	F-C, S-W	Category D. Clear of living quarters.	-	3307
-	-	-	F-C, S-U	Category D. Clear of living quarters.	-	3308
-	-	-	F-D, S-U	Category D. Clear of living quarters. Segregation as for class 2.1 but "Away from" class 4.3	-	3309
-	-	-	F-C, S-W	Category D. Clear of living quarters. Segregation as for class 5.1 but "Separated from" class 7.	-	3310
-	T75	TP5 TP22	F-C, S-W	Category D.	-	3311
-	T75	TP5	F-D, S-U	Category D. Clear of living quarters.	-	3312
-	T3	TP33	F-A, S-J	Category C.	Self-heating coloured powder or granules. Odourless. Liable to self-heating or spontaneous combustion.	3313
-	T1	TP33	F-A, S-J	Category C.	See entry above.	3313
-	BK2	-	F-A, S-I	Category E. Shaded from radiant heat and protected from sparks and open flame. When stowed under-deck, mechanical ventilation shall be in accordance with SOLAS regulation II-2/19 (II-2/54) for flammable liquids with flashpoint below 23°C (c.c). Segregation as for class 3 but "Separated from" class 1 except division 1.4S.	A moulding material consisting predominantly of polystyrene, poly(methyl methacrylate) or other polymeric material and containing 5% to 8% of a volatile hydrocarbon which is predominantly pentane. During storage a small proportion of this pentane is released to the atmosphere; this proportion increases at elevated temperatures.	3314

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3315	CHEMICAL SAMPLE, TOXIC	6.1	–	I	250	None	P099	–	–	–
3316	CHEMICAL KIT or FIRST AID KIT	9	–	–	251	See SP251	P901	–	–	–
3317	2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water by mass	4.1	–	I	28	None	P406	PP26 PP31	–	–
3318	AMMONIA SOLUTION relative density less than 0.880 at 15°C in water, with more than 50% ammonia	2.3	8	–	23	None	P200	–	–	–
3319	NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass	4.1	– •	–	272 274 924	None	P099	–	–	–
3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass	8	–	II	–	1 ℓ	P001	–	IBC02	–
3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass	8	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
3321	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile – excepted	7	See SP172	–	172 317 325	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3322	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non fissile or fissile – excepted	7	See 172	–	172 317 325	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-A, S-A	Category D. Clear of living quarters.	This entry may only be used for samples of chemicals taken for analysis in connection with the implementation of the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on their Destruction. The transport of substances under this entry shall be in accordance with the chain of custody and security procedures specified by the Organization for the Prohibition of Chemical Weapons. The chemical sample may only be transported providing prior approval has been granted by the competent authority or the Director General of the Organization for the Prohibition of Chemical Weapons. During transport the packaging shall be accompanied by a copy of the document of approval for transport, showing the quantity limitations and the packing requirements.	3315
–	–	–	F-A, S-P	Category A.	–	3316
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Red crystals. Insoluble in water. Explosive in the dry state. May form extremely sensitive compounds with heavy metals or their salts. When involved in a fire, evolves toxic fumes; in closed compartments these fumes may form an explosive mixture with air. Harmful if swallowed or by skin contact.	3317
–	T50	–	F-C, S-U	Category D. Clear of living quarters. "Separated from" chlorine and acids.	Highly concentrated solution in water of a non-flammable, toxic and corrosive gas with a pungent odour. Even though this substance has a flammability hazard, it only exhibits such hazard under extreme fire conditions in confined areas. Reacts violently with acids. Highly irritating to skin, eyes and mucous membranes. Suffocating in low concentrations.	3318
–	–	–	F-B, S-J	Category E.	Desensitized explosive with lactose, glucose or cellulose. White solid. Soluble in water. When involved in a fire the nitroglycerin may accumulate and may produce an explosion. Contact with water may dissolve the desensitizer (lactose or glucose) causing migration and accumulation of the nitroglycerin which may explode. Nitroglycerin is more dense than water. When involved in a fire, evolves toxic fumes; in closed compartments these fumes may form an explosive mixture with air. Inhalation of vapours may cause headaches, dizziness and fainting.	3319
–	T7	TP2	F-A, S-B	Category A. "Separated from" acids.	Off-white clear liquid with a slight hydrocarbon odour. Reacts violently with acids. In contact with acids or if diluted with large amount of water evolves hydrogen gas and heat. Causes burns to skin, eyes and mucous membranes.	3320
–	T4	TP2	F-A, S-B	Category A. "Separated from" acids.	See entry above.	3320
–	T5	TP4	F-I, S-S	Category A, except for uranyl nitrate hexahydrate solution for which category D applies. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 6.	3321
–	T5	TP4	F-I, S-S	Category A, except for uranyl nitrate hexahydrate solution for which category D applies. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 7.	3322

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3323	RADIOACTIVE MATERIAL, TYPE C PACKAGE non fissile or fissile – excepted	7	See SP172	–	172 317	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE	7	See SP172	–	172 326	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), FISSILE	7	See SP172	–	172 326	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3326	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE	7	See SP172	–	172	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3327	RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE non-special form	7	See SP172	–	172 326	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3328	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE	7	See SP172	–	172	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3329	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE	7	See SP172	–	172	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3330	RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE	7	See SP172	–	172	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	7	See SP172	–	172	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-I, S-S	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 12.	3323
–	–	–	F-I, <u>S-S</u>	Category A, except for uranyl nitrate hexahydrate solution for which category D applies, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 6 and 13.	3324
–	–	–	F-I, <u>S-S</u>	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 7 and 13.	3325
–	–	–	F-I, <u>S-S</u>	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 8 and 13.	3326
–	–	–	F-I, <u>S-S</u>	Category A, except for uranyl nitrate hexahydrate solution, uranium metal pyrophoric and thorium metal pyrophoric for which category D applies, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 9 and 13.	3327
–	–	–	F-I, <u>S-S</u>	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 10 and 13.	3328
–	–	–	F-I, <u>S-S</u>	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 11 and 13.	3329
–	–	–	F-I, <u>S-S</u>	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 12 and 13.	3330
–	–	–	F-I, <u>S-S</u>	Category A, taking account of any supplementary requirements specified in the competent authority approval certificate(s). "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 14 and 13.	3331

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3332	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM non fissile or fissile – excepted	7	See SP172	–	172 317	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3333	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE	7	See SP172	–	172	None	See 4.1.9	See 4.1.9	See 4.1.9	See 4.1.9
3334	AVIATION REGULATED LIQUID N.O.S.	9	–	–	106	–	–	–	–	–
3335	AVIATION REGULATED SOLID, N.O.S.	9	–	–	106	–	–	–	–	–
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	•	I	274	None	P001	–	–	–
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	•	II	274 944	1 ℓ	P001	–	IBC02	–
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	•	III	223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3337	REFRIGERANT GAS R 404A	2.2	–	–	–	120 ml	P200	–	–	–
3338	REFRIGERANT GAS R 407A	2.2	–	–	–	120 ml	P200	–	–	–
3339	REFRIGERANT GAS R 407B	2.2	–	–	–	120 ml	P200	–	–	–
3340	REFRIGERANT GAS R 407C	2.2	–	–	–	120 ml	P200	–	–	–
3341	THIOUREA DIOXIDE	4.2	–	II	–	None	P002	PP31	IBC06	B2
3341	THIOUREA DIOXIDE	4.2	–	III	223	None	P002 LP02	PP31	IBC08	B3
3342	XANTHATES	4.2	–	II	–	None	P002	PP31	IBC06	B2
3342	XANTHATES	4.2	–	III	223	None	P002 LP02	PP31	IBC08	B3
3343	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	3	•	–	274 278	None	P099	–	–	–
3344	PENTAERYTHRIT TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	4.1	•	II	272 274 924	None	P406	PP26 PP80	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-J, S-S	Category A. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedule 9.	3332
–	–	–	F-J, S-S	Category A, taking account of any supplementary requirements specified in the transport documents. "Separated from" foodstuffs. For segregation see 7.2.9.	See 1.1.3.1.1 and IAEA Transport Schedules 9 and 13.	3333
–	–	–	–	–	–	3334
–	–	–	–	–	–	3335
–	T11	TP2	F-E, S-D	Category E. "Separated from" foodstuffs.	Colourless to yellow liquids with a garlic odour. Immiscible with water. To be "separated from" odour-absorbing cargoes.	3336
–	T7	TP1 TP8 TP28	F-E, S-D	Category B. "Separated from" foodstuffs.	See entry above.	3336
–	T4	TP1 TP29	F-E, S-D	Category B. "Separated from" foodstuffs.	See entry above.	3336
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable, colourless gas with a faint ether-like odour. Heavier than air (1.06). Very high exposures may cause anaesthetic effects and asphyxiation.	3337
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable, colourless gas with a faint ether-like odour. Heavier than air (1.17). Very high exposures may cause anaesthetic effects and asphyxiation.	3338
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable, colourless gas with a faint ether-like odour. Heavier than air (1.19). Very high exposures may cause anaesthetic effects and asphyxiation.	3339
–	T50	–	F-C, S-V	Category A.	Liquefied, non-flammable, colourless gas with a faint ether-like odour. Heavier than air (1.16). Very high exposures may cause anaesthetic effects and asphyxiation.	3340
–	T3	TP33	F-A, S-J	Category D.	White to yellow-white crystalline powder. Virtually odourless. Strong reducing agent. Violent exothermic decomposition above 100°C with emission of large amounts of sulphur oxides, ammonia, carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen sulphide. Extended exposure to temperatures above 50°C and moisture may cause visible decomposition. Dust irritating to skin, eyes and mucous membranes.	3341
–	T1	TP33	F-A, S-J	Category D.	See entry above.	3341
–	T3	TP33	F-A, S-J	Category D. Clear of living quarters.	Hygroscopic yellow powder with an unpleasant odour. On contact with moisture, evolves highly flammable vapours such as carbon disulphide (UN 1131 which has a flashpoint of –30°C and a very low ignition temperature of 100°C). When confined, can cause an explosion due to the wide explosive limits of the vapours. Finely divided dust forms explosive mixtures in air. Care should be taken when opening cargo transport units in case carbon disulphide vapours are present.	3342
–	T1	TP33	F-A, S-J	Category D. Clear of living quarters.	See entry above.	3342
–	–	–	F-E, S-Y	Category D.	–	3343
–	–	–	F-B, S-J	Category E.	–	3344

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 ℓ	P001	–	IBC02	–
3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–
3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 ℓ	P001	–	IBC03	–
3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	– ●	I	61 274	None	P002	–	IBC07	B1
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	– ●	II	61 274	500 g	P002	–	IBC08	B2 B4
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	– ●	III	61 223 274 944	5 kg	P002 LP02	–	IBC08	B3
3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	I	61 274	None	P001	–	–	–
3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	3	6.1 ●	II	61 274 944	1 ℓ	P001	–	IBC02	–
3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	I	61 274	None	P001	–	–	–
3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	II	61 274	100 ml	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T6	TP9 TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	3345
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3345
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3345
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Pesticides frequently contain petroleum or coal tar distillates, or other flammable liquids. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3346
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3346
T11	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3347
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3347
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3347
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3348
–	T11	TP2 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3348
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3348
–	T6	TP9 TP33	F-A, S-A	Category A. Clear of living quarters.	Solid pesticides present a very wide range of toxic hazard. Toxic if swallowed, by skin contact or by inhalation.	3349
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3349
–	T1	TP33	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3349
–	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3350
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3350
T11	T14	TP2 TP9 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	They frequently contain petroleum or coal tar distillates, or other flammable liquids. Flashpoint and miscibility with water depend upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3351
–	T11	TP2 TP13 TP27	F-E, S-D	Category B. Clear of living quarters.	See entry above.	3351

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	6.1	3 ●	III	61 223 274 944	5 ℓ	P001	–	IBC03	–
3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	– ●	I	61 274	None	P001	–	–	–
3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	– ●	II	61 274	100 ml	P001	–	IBC02	–
3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	– ●	III	61 223 274 944	5 ℓ	P001 LP01	–	IBC03	–
3354	INSECTICIDE GAS, FLAMMABLE, N.O.S.	2.1	– ●	–	274	None	P200	–	–	–
3355	INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.	2.3	2.1 ●	–	274	None	P200	–	–	–
3356	OXYGEN GENERATOR, CHEMICAL	5.1	–	II	284	None	P500	–	–	–
3357	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S with not more than 30% nitroglycerin, by mass	3	– ●	II	274 288	None	P099	–	–	–
3358	REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas	2.1	–	–	291	None	P003	PP32	–	–
3359	FUMIGATED UNIT	9	–	–	302 910	None	–	–	–	–
3360	FIBRES, VEGETABLE, DRY	4.1	–	–	29 117 299	None	P003	PP19	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T7	TP2 TP28	F-E, S-D	Category A. Clear of living quarters.	See entry above.	3351
T11	T14	TP2 TP9 TP13 TP27	F-A, S-A	Category B. Clear of living quarters.	Liquid pesticides which present a very wide range of toxic hazard. Miscibility with water depends upon the composition. Toxic if swallowed, by skin contact or by inhalation.	3352
–	T11	TP2 TP27	F-A, S-A	Category B. Clear of living quarters.	See entry above.	3352
–	T7	TP2 TP28	F-A, S-A	Category A. Clear of living quarters.	See entry above.	3352
–	–	–	F-D, S-U	Category D.	Flammable mixtures of insecticides with liquefied gases.	3354
–	–	–	F-D, S-U	Category D. Clear of living quarters	Toxic, flammable mixtures of insecticides with liquefied gases.	3355
–	–	–	F-H, S-Q	Category D.	Oxygen generator, chemical, are devices containing chemicals which upon activation release oxygen as a product of chemical reaction. Chemical oxygen generators are used for the generation of oxygen for respiratory support, e.g. in aircraft, submarines, spacecraft, bomb shelters and breathing apparatus. Oxidizing salts such as chlorates and perchlorates of lithium, sodium and potassium, which are used in chemical oxygen generators, evolve oxygen when heated. These salts are mixed (compounded) with a fuel, usually iron powder, to form a chlorate candle, which produces oxygen by continuous reaction. The fuel is used to generate heat by oxidation. Once the reaction begins, oxygen is released from the hot salt by thermal decomposition (a thermal shield is used around the generator). A portion of the oxygen reacts with the fuel to produce more heat which produces more oxygen, and so on. Initiation of the reaction can be achieved by a percussion device, friction device or electric wire.	3356
–	–	–	F-E, S-Y	Category D.	–	3357
–	–	–	F-D, S-U	Category D	–	3358
–	–	–	F-A, <u>S-D</u>	Category B. Clear of living quarters.	A 'FUMIGATED UNIT' is a closed cargo transport unit containing goods or materials that either are or have been fumigated within the unit. The fumigant gases used are either poisonous or asphyxiant. The gases are usually evolved from solid or liquid preparations distributed within the unit. Fumigants shall not be applied to the contents of a cargo transport unit once it has been loaded aboard the ship. A closed cargo transport unit that has been fumigated is not subject to the provisions of this Code if it has been completely ventilated either by opening the doors of the unit or by mechanical ventilation after fumigation and if the date of ventilation is marked on the fumigation warning sign (see also special provision 910).	3359
–	–	–	F-A, S-I	Category A	Ignite readily. Consignments of cotton, dry having a density not less than 360 kg/m ³ , flax, dry having a density not less than 400 kg/m ³ and sisal, dry having a density not less than 360 kg/m ³ (ISO Standard 8115 (1986)) are not subject to the provisions of this Code when carried in closed cargo transport units.	3360

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3361	CHLOROSILANES, TOXIC, CORROSIVE, N.O.S.	6.1	8 ●	II	–	None	P001	–	IBC01	–
3362	CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	6.1	3/8 ●	II	–	None	P001	–	IBC01	–
3363	DANGEROUS GOODS IN MACHINERY or DANGEROUS GOODS IN APPARATUS	9	–	–	301	See SP301	P907	–	–	–
3364	TRINITROPHENOL (PICRIC ACID), WETTED with not less than 10% water, by mass	4.1	–	I	28	None	P406	PP24 PP31	–	–
3365	TRINITROCHLOROBENZENE (PICRYL CHLORIDE), WETTED with not less than 10% water by mass	4.1	–	I	28	None	P406	PP24 PP31	–	–
3366	TRINITROTOLUENE (TNT), WETTED with not less than 10% water, by mass	4.1	–	I	28	None	P406	PP24 PP31	–	–
3367	TRINITROBENZENE, WETTED with not less than 10% water, by mass	4.1	–	I	28	None	P406	PP24 PP31	–	–
3368	TRINITROBENZOIC ACID, WETTED with not less than 10% water, by mass	4.1	–	I	28	None	P406	PP24 PP31	–	–
3369	SODIUM DINITRO- <i>o</i> -CRESOLATE, WETTED with not less than 10% water, by mass	4.1	6.1 P	I	28	None	P406	PP24 PP31	–	–
3370	UREA NITRATE, WETTED with not less than 10% water, by mass	4.1	–	I	28	None	P406	PP31 PP78	–	–
3371	2-METHYLBUTANAL	3	–	II	–	1 ℓ	P001	–	IBC02	–
3373	BIOLOGICAL SUBSTANCE, CATEGORY B	6.2	–	–	319	None	P650	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
-	T11	TP2 TP13	F-A, S-B	Category C. Clear of living quarters.	Colourless to yellow liquids with a pungent odour. Immiscible with water. React violently with water or steam, evolving, hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolve toxic gas. In the presence of moisture, highly corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	3361
-	T11	TP2 TP13	F-E, S-C	Category C. Clear of living quarters. Segregation as for class 3 but "Away from" class 4.1.	Colourless to yellow flammable liquids with a pungent odour. Immiscible with water. React violently with water or steam, evolving hydrogen chloride, an irritating and corrosive gas apparent as white fumes. When involved in a fire, evolve toxic gas. In the presence of moisture, highly corrosive to most metals. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	3362
-	-	-	F-A, S-P	Category A	Types of articles transported under this entry contain only limited quantities of dangerous goods.	3363
-	-	-	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Densitized explosive. Substance in pure form consists of yellow crystals. Soluble in water. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals or their salts. Harmful if swallowed or by skin contact.	3364
-	-	-	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Explosive and sensitive to shock and heat in the dry state. Reacts violently with heavy metals and their salts.	3365
-	-	-	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow crystals. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. Explosive and sensitive to shock and heat in the dry state. Reacts violently with heavy metals and their salts.	3366
-	-	-	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of odourless yellow crystals. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. Explosive and sensitive to shock and heat in the dry state. Harmful if swallowed or by skin contact. Reacts violently with heavy metals and their salts.	3367
-	-	-	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow crystals. Soluble in water. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. Explosive and sensitive to shock and heat in the dry state. Harmful if swallowed or by skin contact. Reacts violently with heavy metals and their salts.	3368
-	-	-	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Substance in pure form consists of yellow powder. May form extremely sensitive compounds with heavy metals or their salts. When involved in a fire, evolves toxic fumes; in closed compartments, these fumes may form an explosive mixture with air. Explosive and sensitive to friction in the dry state. Toxic if swallowed, by skin contact or by inhalation.	3369
-	-	-	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. May form extremely sensitive compounds with heavy metals or their salts. Explosive and sensitive to friction in the dry state. Harmful if swallowed or by skin contact.	3370
-	T4	TP1	F-E, S-D	Category B.	Colourless liquid. Flashpoint: -3.5°C. Explosive limits: 1.3 to 13.9%. Slightly miscible with water.	3371
-	T1	TP1	F-A, S-T	Category C. Clear of living quarters	Substances which are known or are reasonably expected to contain pathogens, transported in a form that, when exposure to it occurs, are not capable of causing permanent disability, life-threatening or fatal disease to humans or animals. Human or animal specimens for which there is minimal likelihood that pathogens are present are not subject to the provisions of this Code (see 2.6.3.2.3.6). Other exemptions are stated in 2.6.3.2.3.	3373

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3374	ACETYLENE, SOLVENT FREE	2.1	–	–	–	None	P200	–	–	–
3375	AMMONIUM NITRATE EMULSION or SUSPENSION or GEL intermediate for blasting explosives	5.1	–	II	309	None	P099	–	IBC99	–
3376	4-NITROPHENYLHYDRAZINE, with not less than 30% water, by mass	4.1	–	I	28	None	P406	PP26 PP31	–	–
3377	SODIUM PERBORATE MONOHYDRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
3378	SODIUM CARBONATE PEROXYHYDRATE	5.1	–	II	–	1 kg	P002	–	IBC08	B2 B4
3378	SODIUM CARBONATE PEROXYHYDRATE	5.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
3379	DESENSITIZED EXPLOSIVE, LIQUID, N.O.S.	3	–	I	274 311	None	P099	–	–	–
3380	DESENSITIZED EXPLOSIVE, SOLID, N.O.S.	4.1	–	I	274 311	None	P099	–	–	–
3381	TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	– ●	I	274	None	P601	–	–	–
3382	TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	– ●	I	274	None	P602	–	–	–
3383	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	3 ●	I	274	None	P601	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	–	–	F-D, S-U	Category D. Shade from radiant heat. Clear of living quarters. "Separated from" chlorine.	Flammable gas with slight odour. Explosive limits: 2.1 to 80%. Lighter than air (0.907). Acetylene without solvent. Rough handling and exposure to local heating should be avoided, since these conditions may result in delayed explosion. Empty cylinders should be carried with the same precautions as filled cylinders.	3374
–	T1	TP1 TP17 TP32	F-H, S-Q	Category D. "Away from" sources of heat. "Separated from" class 4.1, combustible material (particularly liquids), bromates, chlorates, chlorites, hypochlorites, nitrites, perchlorates, permanganates and powdered metals.	Non-sensitized emulsions, suspensions and gels consisting primarily of a mixture of ammonium nitrate and fuel, intended to produce a Type E blasting explosive only after further processing prior to use. Substances shall satisfactorily pass Test Series 8 of the United Nations <i>Manual of Tests and Criteria</i> , Part I, Section 18 and be approved by the competent authority.	3375
–	–	–	F-B, S-J	Category E. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Dark orange solid. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals or their salts. Harmful if swallowed or by skin contact.	3376
–	T1 BK2	TP33	F-A, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates. "Away from" any sources of heat.	White crystals or powder. Partially soluble in water. Mixtures with combustible material are readily ignited and may burn fiercely. Risk of decomposition when exposed to continuous heat (exothermic decomposition $\geq 60^{\circ}\text{C}$). When involved in a fire or exposed to high temperatures, it may decompose yielding oxygen and steam. Harmful if swallowed.	3377
–	T3 BK2	TP33	F-A, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates. "Away from" any sources of heat.	White crystals or powder. Soluble in water. Mixtures with combustible material are readily ignited. Decomposes in contact with water and acids, forming hydrogen peroxide. Risk of decomposition when exposed to continuous heat (exothermic decomposition $\geq 60^{\circ}\text{C}$). When involved in a fire or exposed to high temperatures, it may decompose yielding oxygen and steam. Irritating to eyes, skin and mucous membranes. Harmful if swallowed.	3378
–	T1 BK2	TP33	F-A, S-Q	Category A. Keep as dry as reasonably practicable. "Separated from" permanganates. "Away from" any sources of heat.	See entry above.	3378
–	–	–	F-E, S-Y	Category D. "Away from" heavy metals and their salts.	Desensitized explosive. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals and their salts.	3379
–	–	–	F-B, S-J	Category D. "Away from" class 3 and heavy metals and their salts.	Desensitized explosive. Explosive and sensitive to friction in the dry state. May form extremely sensitive compounds with heavy metals and their salts.	3380
–	T22	TP2 TP9 TP13	F-A, S-A	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard. Highly toxic by inhalation. Toxic if swallowed or by skin contact.	3381
–	T20	TP2 TP9 TP13	F-A, S-A	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard. Toxic by inhalation, if swallowed or by skin contact.	3382
–	T22	TP2 TP9 TP13	F-E, S-D	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard as well as being flammable. Highly toxic by inhalation. Toxic if swallowed or by skin contact.	3383

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3384	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	3 ●	I	274	None	P602	–	–	–
3385	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	4.3 ●	I	274	None	P601	–	–	–
3386	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	4.3 ●	I	274	None	P602	–	–	–
3387	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	5.1 ●	I	274	None	P601	–	–	–
3388	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	5.1 ●	I	274	None	P602	–	–	–
3389	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	6.1	8 ●	I	274	None	P601	–	–	–
3390	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	6.1	8 ●	I	274	None	P602	–	–	–
3391	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC	4.2	– ●	I	274	None	P404	PP86	–	–
3392	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC	4.2	– ●	I	274	None	P400	PP86	–	–
3393	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER-REACTIVE	4.2	4.3 ●	I	274	None	P404	PP86	–	–
3394	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE	4.2	4.3 ●	I	274	None	P400	PP86	–	–
3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	4.3	– ●	I	274	None	P403	–	–	–
3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	4.3	– ●	II	274	500 g	P410	–	IBC04	–
3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	4.3	– ●	III	223 274	1 kg	P410	–	IBC06	–
3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	4.3	4.1 ●	I	274	None	P403	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T20	TP2 TP9 TP13	F-E, S-D	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard as well as being flammable. Toxic by inhalation, if swallowed or by skin contact.	3384
–	T22	TP2 TP9 TP13	F-G, S-N	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard as well as being water-reactive. Highly toxic by inhalation. Toxic if swallowed or by skin contact.	3385
–	T20	TP2 TP9 TP13	F-G, S-N	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard as well as being water-reactive. Toxic by inhalation, if swallowed or by skin contact.	3386
–	T22	TP2 TP9 TP13	F-A, S-Q	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard as well as being an oxidizer. Highly toxic by inhalation. Toxic if swallowed or by skin contact.	3387
–	T20	TP2 TP9 TP13	F-A, S-Q	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard as well as being an oxidizer. Toxic by inhalation, if swallowed or by skin contact.	3388
–	T22	TP2 TP9 TP13	F-A, S-B	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard as well as being corrosive. Highly toxic by inhalation. Toxic if swallowed or by skin contact.	3389
–	T20	TP2 TP9 TP13	F-A, S-B	Category D. Clear of living quarters.	A variety of toxic liquids which present a significant toxic inhalation hazard as well as being corrosive. Toxic by inhalation, if swallowed or by skin contact.	3390
–	T21	TP7 TP33	F-G, S-M	Category D.	Liable to ignite spontaneously in air. If shaken, may produce sparks.	3391
–	T21	TP2 TP7	F-G, S-M	Category D. Prohibited on any ship carrying class 1 with the exceptions listed in 7.2.7.1.3.2.	Highly flammable liquid. Liable to ignite spontaneously in air. In contact with air, evolve irritating and slightly toxic fumes.	3392
–	T21	TP7 TP33	F-G, S-M	Category D. "Separated from" acids.	Liable to ignite spontaneously in air. If shaken, may produce sparks. React violently with moisture, water and acids evolving flammable gas.	3393
–	T21	TP2 TP7	F-G, S-M	Category D. Prohibited on any ship carrying class 1 with the exceptions listed in 7.2.7.1.3.2. "Separated from" acids.	Highly flammable liquid. Liable to ignite spontaneously in air. In contact with air, evolve irritating and slightly toxic fumes. React violently with moisture, water and acids evolving flammable gas.	3394
–	T9	TP7 TP33	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	Reacts violently with moisture, water and acids evolving flammable gas.	3395
–	T3	TP33	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3395
–	T1	TP33	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3395
–	T9	TP7 TP33	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	Flammable solid. Reacts violently with moisture, water and acids evolving flammable gas.	3396

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	4.3	4.1 •	II	274	500 g	P410	–	IBC04	–
3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	4.3	4.1 •	III	223 274	1 kg	P410	–	IBC06	–
3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING	4.3	4.2 •	I	274	None	P403	–	–	–
3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING	4.3	4.2 •	II	274	500 g	P410	–	IBC04	–
3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING	4.3	4.2 •	III	223 274	1 kg	P410	–	IBC06	–
3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE	4.3	– •	I	274	None	P402	–	–	–
3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE	4.3	– •	II	274	500 ml	P001	–	IBC01	–
3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE	4.3	– •	III	223 274	1 l	P001	–	IBC02	–
3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	4.3	3 •	I	274	None	P402	–	–	–
3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	4.3	3 •	II	274	500 ml	P001	–	IBC01	–
3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	4.3	3 •	III	223 274	1 l	P001	–	IBC02	–
3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	4.2	– •	II	274	500 g	P410	–	IBC06	–
3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	4.2	– •	III	223 274	1 kg	P002	–	IBC08	–
3401	ALKALI METAL AMALGAM, SOLID	4.3	– •	I	182	None	P403	PP31	–	–
3402	ALKALINE EARTH METAL AMALGAM, SOLID	4.3	– •	I	183	None	P403	PP31	–	–
3403	POTASSIUM METAL ALLOYS, SOLID	4.3	–	I	–	None	P403	PP31	–	–
3404	POTASSIUM SODIUM ALLOYS, SOLID	4.3	–	I	–	None	P403	PP31	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3396
–	T1	TP33	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3396
–	T9	TP7 TP33	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	Liable to self-heating or spontaneous combustion. Reacts violently with moisture, water and acids evolving flammable gas.	3397
–	T3	TP33	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3397
–	T1	TP33	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3397
–	T13	TP2 TP7	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	Reacts violently with moisture, water and acids evolving flammable gas.	3398
–	T7	TP2 TP7	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3398
–	T7	TP2 TP7	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3398
–	T13	TP2 TP7	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	Flammable liquid. Reacts violently with moisture, water and acids evolving flammable gas.	3399
–	T7	TP2 TP7	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3399
–	T7	TP2 TP7	F-G, S-N	Category E. Clear of living quarters. "Separated from" acids.	See entry above.	3399
–	T3	TP33	F-A, S-J	Category C.	Liable to self-heating or spontaneous combustion.	3400
–	T1	TP33	F-A, S-J	Category C.	See entry above.	3400
–	T9	TP7 TP33	F-G, S-N	Category D. "Separated from" acids.	Silvery solid, consisting of metal alloyed with mercury. Reacts with moisture, water or acids, evolving hydrogen, a flammable gas. When heated, evolves toxic vapours.	3401
–	T9	TP7 TP33	F-G, S-N	Category D. "Separated from" acids.	Consists of metal alloyed with mercury. Contains 2% to 10% alkaline earth metals and may contain up to 98% mercury. Reacts with moisture, water or acids, evolving hydrogen, a flammable gas. When heated, evolves toxic vapours.	3402
–	T9	TP7 TP33	F-G, S-L	Category D. "Separated from" acids.	Soft, silvery metal. Floats on water. Reacts violently with moisture, water or acids, evolving hydrogen, which may be ignited by the heat of the reaction. Highly reactive, sometimes with explosive effect.	3403
–	T9	TP7 TP33	F-G, S-L	Category D. "Separated from" acids.	Soft, silvery metal. Floats on water. Reacts violently with moisture, water or acids, evolving hydrogen, which may be ignited by the heat of the reaction. Highly reactive, sometimes with explosive effect.	3404

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3405	BARIUM CHLORATE SOLUTION	5.1	6.1	II	–	1 ℓ	P504	–	IBC02	–
3405	BARIUM CHLORATE SOLUTION	5.1	6.1	III	223	5 ℓ	P001	–	IBC02	–
3406	BARIUM PERCHLORATE SOLUTION	5.1	6.1	II	–	1 ℓ	P504	–	IBC02	–
3406	BARIUM PERCHLORATE SOLUTION	5.1	6.1	III	223	5 ℓ	P001	–	IBC02	–
3407	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	5.1	– •	II	944	1 ℓ	P504	–	IBC02	–
3407	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	5.1	– •	III	223 944	5 ℓ	P504	–	IBC02	–
3408	LEAD PERCHLORATE SOLUTION	5.1	6.1 P	II	–	1 ℓ	P504	–	IBC02	–
3408	LEAD PERCHLORATE SOLUTION	5.1	6.1 P	III	223	5 ℓ	P001	–	IBC02	–
3409	CHLORONITROBENZENES, LIQUID	6.1	–	II	279	100 ml	P001	–	IBC02	–
3410	4-CHLORO- <i>o</i> -TOLUIDINE HYDROCHLORIDE SOLUTION	6.1	–	III	223	5 ℓ	P001	–	IBC03	–
3411	<i>beta</i> -NAPHTHYLAMINE SOLUTION	6.1	–	II	–	100 ml	P001	–	IBC02	–
3411	<i>beta</i> -NAPHTHYLAMINE SOLUTION	6.1	–	III	223	5 ℓ	P001	–	IBC02	–
3412	FORMIC ACID with not less than 10% but not more than 85% acid by mass	8	–	II	–	1 ℓ	P001	–	IBC02	–
3412	FORMIC ACID with not less than 5% but less than 10% acid by mass	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T4	TP1	F-H, S-Q	Category A. "Separated from" ammonium compounds, cyanides and sulphur.	Colourless aqueous solution. Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are liable to ignite. When involved in a fire, may cause an explosion. Toxic if swallowed, by skin contact or by inhalation. Leakage and subsequent evaporation of the water from the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion, 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3405
–	T4	TP1	F-H, S-Q	Category A. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	3405
–	T4	TP1	F-H, S-Q	Category A. "Separated from" ammonium compounds, cyanides and sulphur.	Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are liable to ignite. When involved in a fire, may cause an explosion. Toxic if swallowed, by skin contact or by inhalation. Leakage and subsequent evaporation of the water from the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion, 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3406
–	T4	TP1	F-H, S-Q	Category A. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	3406
–	T4	TP1	F-H, S-Q	Category A. "Separated from" ammonium compounds, cyanides and sulphur.	Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are liable to ignite. When involved in a fire, may cause an explosion. Leakage and subsequent evaporation of the water from the solutions may present increased dangers as follows: 1. in contact with combustible material (particularly fibrous material such as jute, cotton or sisal) or sulphur, danger of spontaneous combustion, 2. in contact with ammonium compounds, powdered metals or oils, danger of explosion.	3407
–	T4	TP1	F-H, S-Q	Category A. "Separated from" ammonium compounds, cyanides and sulphur.	See entry above.	3407
–	T4	TP1	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	Reacts vigorously with sulphuric acid. Reacts fiercely with cyanides when heated. May form explosive mixtures with combustible material, powdered metals or ammonium compounds. These mixtures are liable to ignite. When involved in a fire, may cause an explosion.	3408
–	T4	TP1	F-H, S-Q	Category A. "Separated from" ammonium compounds and cyanides.	See entry above.	3408
–	T7	TP2	F-A, S-A	Category A.	Yellow liquid. Toxic if swallowed, by skin contact or by inhalation.	3409
–	T4	TP1	F-A, S-A	Category A.	Toxic if swallowed, by skin contact or by inhalation.	3410
–	T7	TP2	F-A, S-A	Category A.	Toxic if swallowed, by skin contact or by inhalation.	3411
–	T7	TP2	F-A, S-A	Category A.	See entry above.	3411
–	T7	TP2	F-A, S-B	Category A. Clear of living quarters.	Colourless liquid with a pungent odour. Corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	3412
–	T4	TP1	F-A, S-B	Category A. Clear of living quarters.	Colourless liquid with a pungent odour. Corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	3412

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3413	POTASSIUM CYANIDE SOLUTION	6.1	– P	I	–	None	P001	PP31	–	–
3413	POTASSIUM CYANIDE SOLUTION	6.1	– P	II	–	100 mL	P001	PP31	IBC02	–
3413	POTASSIUM CYANIDE SOLUTION	6.1	– P	III	223	5 L	P001 LP01	PP31	IBC03	–
3414	SODIUM CYANIDE SOLUTION	6.1	– P	I	–	None	P001	PP31	–	–
3414	SODIUM CYANIDE SOLUTION	6.1	– P	II	–	100 mL	P001	PP31	IBC02	–
3414	SODIUM CYANIDE SOLUTION	6.1	– P	III	223	5 L	P001 LP01	PP31	IBC03	–
3415	SODIUM FLUORIDE SOLUTION	6.1	–	III	223	5 L	P001 LP01	–	IBC03	–
3416	CHLOROACETOPHENONE, LIQUID	6.1	–	II	–	None	P001	–	IBC02	–
3417	XYLYL BROMIDE, SOLID	6.1	–	II	–	None	P002	–	IBC08	B2 B4
3418	2,4-TOLUYLENEDIAMINE SOLUTION	6.1	–	III	223	5 L	P001 LP01	–	IBC03	–
3419	BORON TRIFLUORIDE ACETIC ACID COMPLEX, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
3420	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
3421	POTASSIUM HYDROGEN DIFLUORIDE SOLUTION	8	6.1	II	–	1 L	P001	–	IBC02	–
3421	POTASSIUM HYDROGEN DIFLUORIDE SOLUTION	8	6.1	III	223	5 L	P001	–	IBC03	–
3422	POTASSIUM FLUORIDE SOLUTION	6.1	–	III	223	5 L	P001 LP01	–	IBC03	–
3423	TETRAMETHYLAMMONIUM HYDROXIDE, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
3424	AMMONIUM DINITRO- <i>o</i> -CRESOLATE SOLUTION	6.1	– P	II	–	100 mL	P001	–	IBC02	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T10	T14	TP2 TP13	F-A, S-A	Category B. "Separated from" acids.	Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed or by skin contact.	3413
T10	T11	TP2 TP13 TP27	F-A, S-A	Category B. "Separated from" acids.	See entry above.	3413
–	T7	TP2 TP13 TP28	F-A, S-A	Category A. "Separated from" acids.	See entry above.	3413
T10	T14	TP2 TP13	F-A, S-A	Category B. "Separated from" acids.	Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Highly toxic if swallowed or by skin contact.	3414
T10	T11	TP2 TP13 TP27	F-A, S-A	Category B. "Separated from" acids.	See entry above.	3414
–	T7	TP2 TP13 TP28	F-A, S-A	Category A. "Separated from" acids.	See entry above.	3414
–	T4	TP1	F-A, S-A	Category A. "Separated from" acids.	Colourless liquid. Reacts with acids, evolving hydrogen fluoride, a toxic, irritating and corrosive gas, apparent as white fumes. Toxic if swallowed, by skin contact or by inhalation.	3415
–	T7	TP2 TP13	F-A, S-A	Category D. Keep as cool as reasonably practicable. Clear of living quarters.	Liquid evolving irritating vapour ("Tear Gas"). Toxic if swallowed, by skin contact or by inhalation.	3416
–	T3	TP33	F-A, S-G	Category D. Clear of living quarters.	Crystals or powder, evolving irritating vapour ("Tear Gas"). Toxic if swallowed, by skin contact or by inhalation.	3417
–	T4	TP1	F-A, S-A	Category A.	Toxic if swallowed, by skin contact or by inhalation.	3418
–	T3	TP33	F-A, S-B	Category A.	White crystalline solid. Melting point: 23°C. Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	3419
–	T3	TP33	F-A, S-B	Category A.	White crystalline solid. Melting point: 28°C. Highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	3420
T4	T7	TP2	F-A, S-B	Category A. Shade from radiant heat. Clear of living quarters. "Separated from" acids.	Decomposed by heat or acids, evolving hydrogen fluoride, a toxic, extremely irritating and corrosive gas apparent as white fumes. In the presence of moisture, highly corrosive to glass, other siliceous materials and most metals. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	3421
–	T4	TP1	F-A, S-B	Category A. Shade from radiant heat. Clear of living quarters. "Separated from" acids.	See entry above.	3421
–	T4	TP1	F-A, S-B	Category A. "Separated from" acids.	Decomposed by acids, evolving hydrogen fluoride, an irritating and corrosive gas. Toxic if swallowed, by skin contact or by inhalation.	3422
–	T3	TP33	F-A, S-B	Category A. "Separated from" acids.	Very soluble in water. Reacts violently with acids.	3423
T4	T7	TP2	F-A, S-A	Category B. "Away from" heavy metals and their salts. "Separated from" classes 3 and 4.1. "Separated longitudinally by an intervening complete compartment or hold from" class 1.	The commercial product is a 50% suspension in water. May support combustion and burn without oxygen. When involved in a fire, evolves toxic fumes. Forms extremely sensitive explosive compounds with lead, silver or other heavy metals and their compounds. Toxic if swallowed, by skin contact or by inhalation.	3424

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3424	AMMONIUM DINITRO- <i>o</i> -CRESOLATE SOLUTION	6.1	– P	III	223	5 ℓ	P001	–	IBC02	–
3425	BROMOACETIC ACID, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
3426	ACRYLAMIDE SOLUTION	6.1	–	III	223	5 ℓ	P001 LP01	–	IBC03	–
3427	CHLOROBENZYL CHLORIDES, SOLID	6.1	– P	III	–	5 kg	P002 LP02	–	IBC08	B3
3428	3-CHLORO-4-METHYLPHENYL ISOCYANATE, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
3429	CHLOROTOLUIDINES, LIQUID	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
3430	XYLENOLS, LIQUID	6.1	–	II	–	100 ml	P001	–	IBC02	–
3431	NITROBENZOTRIFLUORIDES, SOLID	6.1	– P	II	–	500 g	P002	–	IBC08	B2 B4
3432	POLYCHLORINATED BIPHENYLS, SOLID	9	– PP	II	305 958	500 g	P906	–	IBC08	–
3434	NITROCRESOLS, LIQUID	6.1	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
3436	HEXAFLUOROACETONE HYDRATE, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
3437	CHLOROCRESOLS, SOLID	6.1	–	II	–	500g	P002	–	IBC08	B2 B4
3438	<i>alpha</i> -METHYLBENZYL ALCOHOL, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
3439	NITRILES, TOXIC, SOLID, N.O.S.	6.1	– •	I	274	None	P002	–	IBC07	B1
3439	NITRILES, TOXIC, SOLID, N.O.S.	6.1	– •	II	274	500 g	P002	–	IBC08	B2 B4
3439	NITRILES, TOXIC, SOLID, N.O.S.	6.1	– •	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3440	SELENIUM COMPOUND, LIQUID, N.O.S.	6.1	– •	I	–	None	P001	–	–	–
3440	SELENIUM COMPOUND, LIQUID, N.O.S.	6.1	– •	II	–	100 ml	P001	–	IBC02	–
3440	SELENIUM COMPOUND, LIQUID, N.O.S.	6.1	– •	III	223 944	5 ℓ	P001	–	IBC03	–
3441	CHLORODINITROBENZENES, SOLID	6.1	– P	II	279	500 g	P002	–	IBC08	B2 B4

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
T4	T7	TP2	F-A, S-A	Category A. "Away from" heavy metals and their salts. "Separated from" classes 3 and 4.1. "Separated longitudinally by an intervening complete compartment or hold from" class 1.	See entry above.	3424
-	T3	TP33	F-A, S-B	Category A.	Colourless, deliquescent crystals. Melting point: 51°C. Corrosive to most metals. Harmful if swallowed. Causes burns to eyes and skin.	3425
-	T4	TP1	F-A, S-A	Category A. Keep as cool as reasonably practicable.	Toxic if swallowed, by skin contact or by inhalation.	3426
-	T1	TP33	F-A, S-A	Category A.	Colourless crystalline solid. Melting point: 29°C. Immiscible with or insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	3427
-	T3	TP33	F-A, S-A	Category B. Clear of living quarters.	Colourless solid with a pungent odour. Melting point: 23°C. Insoluble in water. Reacts with water, evolving carbon dioxide. Toxic if swallowed, by skin contact or by inhalation.	3428
T3	T4	TP1	F-A, S-A	Category A.	Brown liquid. Toxic if swallowed, by skin contact or by inhalation.	3429
T4	T7	TP2	F-A, S-A	Category A.	The commercial products are liquids with a pungent tar odour. Toxic if swallowed, by skin contact or by inhalation.	3430
-	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	Low melting point (31°C to 32°C) solids with an aromatic odour. Insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	3431
-	T3	TP33	F-A, S-A	Category A. "Separated from" foodstuffs.	Solid with perceptible odour. Insoluble in water. Harmful by ingestion or by skin contact. If spilled can be a persistent hazard to the environment. This entry covers articles, such as rags, cotton waste, clothing, sawdust, containing polychlorinated biphenyls where no free visible liquid is present.	3432
-	T4	TP1	F-A, S-A	Category A.	Slightly miscible in water. Toxic if swallowed, by skin contact or by inhalation.	3434
-	T3	TP33	F-A, S-A	Category B. Clear of living quarters.	This entry covers solid hydrate and hexafluoroacetone. Melting point of the pure substance: 23°C. Toxic if swallowed, by skin contact or by inhalation.	3436
-	T3	TP33	F-A, S-A	Category A. Keep as cool as reasonably practicable.	White or pink crystals with a phenol-like odour. Melting point: 45°C to 68°C. Slightly soluble in water. Decomposes when heated, evolving extremely toxic fumes (phosgene). Toxic if swallowed, by skin contact or by inhalation.	3437
-	T1	TP33	F-A, S-A	Category A.	Slightly soluble in water. Melting point: 21°C (pure substance). Toxic if swallowed, by skin contact or by inhalation.	3438
-	T6	TP9 TP33	F-A, S-A	Category B. "Separated from" acids.	Solid, evolving toxic vapours. Reacts with acids or acid fumes, evolving hydrogen cyanide, a highly toxic and flammable gas. Soluble in water. Toxic if swallowed, by skin contact or by inhalation.	3439
-	T3	TP33	F-A, S-A	Category B. "Separated from" acids.	See entry above.	3439
-	T1	TP33	F-A, S-A	Category A. "Separated from" acids.	See entry above.	3439
-	T14	TP2 TP9 TP27	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3440
-	T11	TP2 TP27	F-A, S-A	Category B.	See entry above.	3440
-	T7	TP1 TP28	F-A, S-A	Category A.	See entry above.	3440
-	T3	TP33	F-A, S-A	Category A. "Separated from" class 3.	Crystals. Melting point: 27°C to 53°C. May explode if involved in a fire. Toxic if swallowed, by skin contact or by inhalation.	3441

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3442	DICHLOROANILINES, SOLID	6.1	– P	II	279	500 g	P002	–	IBC08	B2 B4
3443	DINITROBENZENES, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
3444	NICOTINE HYDROCHLORIDE, SOLID	6.1	–	II	43	500 g	P002	–	IBC08	B2 B4
3445	NICOTINE SULPHATE, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
3446	NITROTOLUENES, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
3447	NITROXYLENES, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
3448	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	– •	I	274	None	P002	PP31	–	–
3448	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	– •	II	274	None	P002	PP31	IBC08	B2 B4
3449	BROMOBENZYL CYANIDES, SOLID	6.1	– •	I	138	None	P002	PP31	–	–
3450	DIPHENYLCHLOROARSINE, SOLID	6.1	– PP	I	–	None	P002	PP31	IBC07	B1
3451	TOLUIDINES, SOLID	6.1	–	II	279	500 g	P002	–	IBC08	B2 B4
3452	XYLIDINES, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
3453	PHOSPHORIC ACID, SOLID	8	–	III	–	5 kg	P002 LP02	–	IBC08	B3
3454	DINITROTOLUENES, SOLID	6.1	–	II	–	500 g	P002	–	IBC08	B2 B4
3455	CRESOLS, SOLID	6.1	8	II	–	500 g	P002	–	IBC08	B2 B4
3456	NITROSULPHURIC ACID, SOLID	8	–	II	–	1 kg	P002	–	IBC08	B2 B4
3457	CHLORONITROTOLUENES, SOLID	6.1	– P	III	–	5 kg	P002 LP02	–	IBC08	B3
3458	NITROANISOLIS, SOLID	6.1	–	III	279	5 kg	P002 LP02	–	IBC08	B3
3459	NITROBROMOBENZENES, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T3	TP33	F-A, S-A	Category A. Clear of living quarters.	Solid with a penetrating odour. Liquid mixtures of various isomers of dichloroanilines, some of which in the pure state may be solid, with a melting point varying from 24°C to 72°C. Toxic if swallowed, by skin contact or by inhalation.	3442
–	T3	TP33	F-A, S-A	Category A. "Separated from" class 3.	May explode if involved in a fire. Toxic if swallowed, by skin contact or by inhalation.	3443
–	T3	TP33	F-A, S-A	Category A.	Deliquescent crystals or solids or pastes. Soluble in water. Toxic if swallowed, by skin contact or by inhalation.	3444
–	T3	TP33	F-A, S-A	Category A.	Solid or paste. Soluble in water. Toxic if swallowed, by skin contact or by inhalation.	3445
–	T3	TP33	F-A, S-A	Category A.	Yellow solid. Melting point: <i>para</i> -NITROTOLUENE: 52°C to 54°C. Toxic if swallowed, by skin contact or by inhalation.	3446
–	T3	TP33	F-A, S-A	Category A.	Yellow solid. Melting points: 4-NITRO-2-XYLENE: 29°C to 31°C, 5-NITRO-3-XYLENE: 72°C to 74°C. Insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	3447
–	T6	TP9 TP33	F-A, S-A	Category D. Clear of living quarters.	"Tear gas substance" is a generic term for substances which, in minute quantities dispersed in air, cause extreme eye irritation and profuse tears. Toxic if swallowed, by skin contact or by inhalation.	3448
–	T3	TP33	F-A, S-A	Category D. Clear of living quarters.	See entry above.	3448
–	T6	TP33	F-A, S-A	Category D. Keep as cool as reasonably practicable. Clear of living quarters. "Separated from" acids.	Volatile, yellow crystals evolving irritating vapours ("Tear Gas"). Melting point: <i>meta</i> -BROMOBENZYL CYANIDE 25°C. Highly toxic if swallowed, by skin contact or by inhalation.	3449
–	T6	TP33	F-A, S-A	Category D. Clear of living quarters.	When pure, volatile, colourless crystals evolving an irritating vapour ("Tear Gas"). Melting point: 41°C. Highly toxic if swallowed, by skin contact or by inhalation.	3450
–	T3	TP33	F-A, S-A	Category A.	<i>para</i> -TOLUIDINE is solid in pure form, with a melting point of approximately 45°C. Toxic if swallowed, by skin contact or by inhalation.	3451
–	T3	TP33	F-A, S-A	Category A.	3,4-Dimethylaniline is a solid, which has a melting point of 47°C. Toxic if swallowed, by skin contact or by dust inhalation.	3452
–	T1	TP33	F-A, S-B	Category A.	Very deliquescent, crystalline solid. Melting point: 42°C. Soluble in water. Mildly corrosive to most metals.	3453
–	T3	TP33	F-A, S-A	Category A.	Yellow crystals or flakes, insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	3454
–	T3	TP33	F-A, S-B	Category B.	Light yellow solid. Soluble in water. Melting points of cresols: <i>ortho</i> -CRESOL: 30°C, <i>para</i> -CRESOL: 35°C. Toxic if swallowed, by skin contact or by inhalation. Cause burns to skin, eyes and mucous membranes.	3455
–	T3	TP33	F-A, S-B	Category D. Clear of living quarters. Segregation as for class 5.1, but "Separated from" classes 4.1, 5.1 and 7.	Crystalline solid. Oxidant which may cause fire with organic materials (such as wood, straw, etc.). When involved in a fire, evolves toxic gases. In presence of moisture, highly corrosive to most metals. Causes burns to skin, eyes and mucous membranes.	3456
–	T1	TP33	F-A, S-A	Category A. Segregation as for class 5.1 but "Away from" classes 4.1, 5.1 and 7.	Melting range 20°C to 40°C. Insoluble in water. Oxidizing substance which may explode or burn fiercely when in contact with organic materials. Toxic if swallowed, by skin contact or by inhalation.	3457
–	T1	TP33	F-A, S-A	Category A.	Light reddish or amber crystals. Melting points: 38°C to 54°C. Insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	3458
–	T1	TP33	F-A, S-A	Category A.	Colourless to pale yellow crystals which may liquefy under transport conditions. Melting points: 1-BROMO-2-NITROBENZENE: 43°C. 1-BROMO-4-NITROBENZENE: 127°C. Insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	3459

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instructions	Provisions	Instructions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3460	N-ETHYLBENZYL TOLUIDINES, SOLID	6.1	–	III	–	5 kg	P002 LP02	–	IBC08	B3
3462	TOXINS EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	– ●	I	210 274	None	P002	–	IBC07	B1
3462	TOXINS EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	– ●	II	210 274	500 g	P002	–	IBC08	B2 B4
3462	TOXINS EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	– ●	III	210 223 274 944	5 kg	P002	–	IBC08	B3
3463	PROPIONIC ACID with not less than 90% acid by mass	8	3	II	–	1 ℓ	P001	–	IBC02	–
3464	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.	6.1	– ●	I	43 274	None	P002	–	IBC07	B1
3464	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.	6.1	– ●	II	43 274	500 g	P002	–	IBC08	B2 B4
3464	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.	6.1	– ●	III	43 223 274 944	5 kg	P002 LP02	–	IBC08	B3
3465	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	– ●	I	274	None	P002	–	IBC07	B1
3465	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	– ●	II	274	500 g	P002	–	IBC08	B2 B4
3465	ORGANOARSENIC COMPOUND, SOLID, N.O.S.	6.1	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3466	METAL CARBONYLS, SOLID, N.O.S.	6.1	– ●	I	274	None	P002	–	IBC07	B1
3466	METAL CARBONYLS, SOLID, N.O.S.	6.1	– ●	II	274	500 g	P002	–	IBC08	B2 B4
3466	METAL CARBONYLS, SOLID, N.O.S.	6.1	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3467	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.	6.1	– ●	I	274	None	P002	–	IBC07	B1
3467	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.	6.1	– ●	II	274	500 g	P002	–	IBC08	B2 B4
3467	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.	6.1	– ●	III	223 274 944	5 kg	P002 LP02	–	IBC08	B3
3468	HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM	2.1	–	–	321	None	P099	–	–	–
3469	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	8 ●	I	163	None	P001	–	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions	UN tank instructions	Provisions				
(12)	(13)	(14)	(15)	(16)	(17)	(18)
–	T1	TP33	F-A, S-A	Category A.	Solid which may liquefy under transport conditions. Strong odour. Insoluble in water. Toxic if swallowed, by skin contact or by inhalation.	3460
–	T6	TP9 TP33	F-A, S-A	Category B.	Toxins from plant, animal or bacterial sources which contain infectious substances or toxins that are contained in infectious substances should be classified in class 6.2. Toxic if swallowed, by skin contact or by inhalation.	3462
–	T3	TP33	F-A, S-A	Category B.	See entry above.	3462
–	T1	TP33	F-A, S-A	Category A.	See entry above.	3462
–	T7	TP2	F-E, S-C	Category A.	Colourless flammable liquid with a pungent odour. Miscible with water. Corrosive to lead and most other metals. Burns skin. Vapours irritate mucous membranes. Pure PROPIONIC ACID: flashpoint 50°C (c.c.)	3463
–	T6	TP9 TP33	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3464
–	T3	TP33	F-A, S-A	Category B.	See entry above.	3464
–	T1	TP33	F-A, S-A	Category A.	See entry above.	3464
–	T6	TP9 TP33	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3465
–	T3	TP33	F-A, S-A	Category B.	See entry above.	3465
–	T1	TP33	F-A, S-A	Category A.	See entry above.	3465
–	T6	TP9 TP33	F-A, S-A	Category D. Clear of living quarters.	Insoluble in water. Toxic if swallowed, by skin contact or by dust inhalation.	3466
–	T3	TP33	F-A, S-A	Category D. Clear of living quarters.	See entry above.	3466
–	T1	TP33	F-A, S-A	Category D. Clear of living quarters.	See entry above.	3466
–	T6	TP9 TP33	F-A, S-A	Category B.	Toxic if swallowed, by skin contact or by inhalation.	3467
–	T3	TP33	F-A, S-A	Category B.	See entry above.	3467
–	T1	TP33	F-A, S-A	Category A.	See entry above.	3467
–	–	–	F-D, S-U	Category D.	Article containing flammable odourless gas.	3468
–	T11	TP2 TP27	F-E, S-C	Category E. Clear of living quarters.	Miscibility with water depends upon the composition. Corrosive contents cause burns to skin, eyes and mucous membranes.	3469

Part 3 – Dangerous Goods List and limited quantities exceptions

UN No.	Proper Shipping Name (PSN)	Class or division	Subsidiary risk(s)	Packing group	Special provisions	Limited quantities	Packing		IBC	
							Instruc-tions	Provisions	Instruc-tions	Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
3469	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	8 ●	II	163 944	1 ℓ	P001	–	IBC02	–
3469	PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	3	8 ●	III	163 223 944	5 ℓ	P001	–	IBC03	–
3470	PAINT, CORROSIVE, FLAMMABLE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE (including paint thinning or reducing compound)	8	3 ●	II	163 944	1 ℓ	P001	–	IBC02	–
3471	HYDROGENDIFLUORIDES SOLUTION, N.O.S.	8	6.1 ●	II	944	1 ℓ	P001	–	IBC02	–
3471	HYDROGENDIFLUORIDES SOLUTION, N.O.S.	8	6.1 ●	III	223 944	5 ℓ	P001	–	IBC03	–
3472	CROTONIC ACID, LIQUID	8	–	III	–	5 ℓ	P001 LP01	–	IBC03	–
3473	FUEL CELL CARTRIDGES containing flammable liquids	3	–	–	328	1 ℓ	P003	PP88	–	–

Portable tanks and bulk containers			EmS	Stowage and segregation	Properties and observations	UN No.
IMO tank instructions (12)	UN tank instructions (13)	Provisions (14)				
–	T7	TP2 TP8 TP28	F-E, S-C	Category B. Clear of living quarters.	Miscibility with water depends upon the composition. Corrosive contents cause burns to skin, eyes and mucous membranes.	3469
–	T4	TP1 TP29	F-E, S-C	Category A. Clear of living quarters.	Miscibility with water depends upon the composition. Corrosive contents cause burns to skin, eyes and mucous membranes.	3469
–	T7	TP2 TP8 TP28	F-E, S-C	Category B. Clear of living quarters.	Miscibility with water depends upon the composition. Corrosive contents cause burns to skin, eyes and mucous membranes.	3470
–	T7	TP2	F-A, S-B	Category A. Shade from radiant heat. Clear of living quarters. "Separated from" acids.	When involved in a fire or in contact with acids, evolves hydrogen fluoride, an extremely irritating and corrosive gas. Corrosive to glass, other siliceous materials and most metals. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	3471
–	T4	TP1	F-A, S-B	Category A. Shade from radiant heat. Clear of living quarters. "Separated from" acids.	When involved in a fire or in contact with acids, evolves hydrogen fluoride, an extremely irritating and corrosive gas. Corrosive to glass, other siliceous materials and most metals. Toxic if swallowed, by skin contact or by inhalation. Causes burns to skin, eyes and mucous membranes.	3471
–	T4	TP1	F-A, S-B	Category A. Keep as cool as reasonably practicable.	Causes burns to skin, eyes and mucous membranes.	3472
–	–	–	F-E, S-D	Category A.	Fuel cell cartridges containing flammable liquids including methanol or methanol/water solutions.	3473

[This page is
intentionally blank]

Chapter 3.3

Special provisions applicable to certain substances, materials or articles

- 3.3.1** When column 6 of the Dangerous Goods List indicates that a special provision is relevant to a dangerous good, the meaning and requirement(s) of that special provision are as set out below:
- 16 Samples of new or existing explosive substances or articles may be transported as directed by the competent authority for purposes including: testing, classification, research and development, quality control, or as a commercial sample. Explosive samples which are not wetted or desensitized shall be limited to 10 kg in small packages as specified by the competent authority. Explosive samples which are wetted or desensitized shall be limited to 25 kg.
 - 23 Even though this substance has a flammability hazard, it only exhibits such hazard under extreme fire conditions in confined areas.
 - 26 This substance is not permitted for transport in portable tanks, or intermediate bulk containers with a capacity exceeding 450 ℓ, due to the potential initiation of an explosion when transported in large volumes.
 - 28 This substance may be transported under the provisions of class 4.1 only if it is so packaged that the percentage of diluent will not fall below that stated, at any time during transport (see 2.4.2.4).
 - 29 The packages, including bales, are exempt from labelling provided that they are marked with the appropriate class (e.g. "class 4.2"). Packages, with the exception of bales, shall also display the Proper Shipping Name and the UN number of the substance that they contain in accordance with 5.2.1. In any case, the packages, including bales, are exempt from class marking provided that they are loaded in a cargo transport unit and that they contain goods to which only one UN number has been assigned. The cargo transport units in which the packages, including bales, are loaded shall display any relevant labels, placards and marks in accordance with chapter 5.3.
 - 32 When in any other form, this substance is not subject to the provisions of this Code.
 - 37 When coated, this substance is not subject to the provisions of this Code.
 - 38 This substance, when it contains not more than 0.1% calcium carbide, is not subject to the provisions of this Code.
 - 39 This substance, when it contains less than 30% or not less than 90% silicon, is not subject to the provisions of this Code.
 - 43 When offered for transport as pesticides, these substances shall be transported under the relevant pesticide entry and in accordance with the relevant pesticide provisions (see 2.6.2.3 and 2.6.2.4).
 - 45 Antimony sulphides and oxides which contain not more than 0.5% of arsenic, calculated on the total mass, are not subject to the provisions of this Code.
 - 47 Ferricyanides and ferrocyanides are not subject to the provisions of this Code.
 - 59 These substances, when they contain not more than 50% magnesium, are not subject to the provisions of this Code.
 - 61 The technical name, which shall supplement the Proper Shipping Name, shall be the ISO common name, or other name listed in 'The WHO Recommended Classification of Pesticides by Hazard and Guidelines to Classification' or the name of the active substance (see also 3.1.2.8.1.1).
 - 62 This substance, when it contains not more than 4% sodium hydroxide, is not subject to the provisions of this Code.
 - 63 The division of class 2 and the subsidiary risks depend on the nature of the contents of the aerosol dispenser. The following provisions shall apply:
 - .1 Class 2.1 applies if the contents include 85% by mass or more flammable components and the chemical heat of combustion is 30 kJ/g or more;

- .2 Class 2.2 applies if the contents contain 1% by mass or less flammable components and the heat of combustion is less than 20 kJ/g.
- .3 Otherwise the product shall be classified as tested by the tests described in the United Nations *Manual of Tests and Criteria*, Part III, section 31. Extremely flammable and flammable aerosols shall be classified in class 2.1; non-flammable in class 2.2;
- .4 Gases of class 2.3 shall not be used as a propellant in an aerosol dispenser;
- .5 Where the contents other than the propellant of aerosol dispensers to be ejected are classified as class 6.1 packing groups II or III or class 8 packing groups II or III, the aerosol shall have a subsidiary risk of class 6.1 or class 8;
- .6 Aerosols with contents meeting the criteria for packing group I for toxicity or corrosivity shall be prohibited from transport;
- .7 Except for consignments transported in limited quantities (see chapter 3.4), packages containing aerosols shall bear labels for the primary risk and for the subsidiary risk(s), if any.

Flammable components are flammable liquids, flammable solids or flammable gases and gas mixtures as defined in Notes 1 to 3 of sub-section 31.1.3 of Part III of the United Nations *Manual of Tests and Criteria*. This designation does not cover pyrophoric, self-heating or water-reactive substances. The chemical heat of combustion shall be determined by one of the following methods: ASTM D 240, ISO/FDIS 13943:1999 (E/F) 86.1 to 86.3 or NFPA 30B.

- 65 Hydrogen peroxide aqueous solutions with less than 8% hydrogen peroxide are not subject to the provisions of this Code.
- 66 Mercurous chloride shall be transported under UN 3077 and cinnabar is not subject to the provisions of this Code.
- 76 The transport of this substance shall be prohibited except with special authorization granted by the competent authority of the country concerned.
- 105 Nitrocellulose meeting the descriptions of UN 2556 or UN 2557 may be classified in class 4.1.
- 106 Subject to Regulations only when transported by air.
- 113 The transport of chemically unstable mixtures is prohibited.
- 117 Only regulated when transported by sea.
- 119 Refrigerating machines and refrigerating machinery components including machines or other appliances which have been designed for the specific purpose of keeping food or other items at a low temperature in an internal compartment, and air-conditioning units. Refrigerating machines and refrigerating machine components are not subject to the provisions of this Code if they contain less than 12 kg of gas in class 2.2 or less than 12 ℓ of ammonia solution (UN 2672).
- 122 The subsidiary risk(s), control and emergency temperatures, if any, and the generic entry number for each of the currently assigned organic peroxide formulations are given in 2.5.3.2.4.
- 127 Other inert material or inert material mixture may be used at the discretion of the competent authority, provided this inert material has identical phlegmatizing properties.
- 131 The phlegmatized substance shall be significantly less sensitive than dry PETN.
- 132 During transport, this substance shall be protected from direct sunshine and stored (or kept) in a cool and well ventilated place, away from all sources of heat.
- 133 If over-confined in packagings, this substance may exhibit explosive behaviour. Packagings authorized under packing instruction P409 are intended to prevent over-confinement. When a packaging other than those prescribed under packing instruction P409 is authorized by the competent authority of the country of origin in accordance with 4.1.3.7, the package shall bear an "EXPLOSIVE" subsidiary risk label (Model No.1, see 5.2.2.2.2) unless the competent authority of the country of origin has permitted this label to be dispensed with for the specific packaging employed because test data have proved that the substance in this packaging does not exhibit explosive behaviour (see 5.4.1.5.5.1). The provisions of 7.2.8 and 7.1.7 shall also be considered.
- 135 The dihydrated sodium salt of dichloroisocyanuric acid is not subject to the provisions of this Code.
- 138 *p*-Bromobenzyl cyanide is not subject to the provisions of this Code.
- 141 Products which have undergone sufficient heat treatment so that they present no hazard during transport are not subject to the provisions of this Code.

- 142 Solvent-extracted soya bean meal containing not more than 1.5% oil and 11% moisture, being substantially free from flammable solvents, which is accompanied by a certificate from the shipper stating that the substance, as offered for shipment, meets this requirement is not subject to the provisions of this Code.
- 144 An aqueous solution containing not more than 24% alcohol by volume is not subject to the provisions of this Code.
- 145 Alcoholic beverages of packing group III, when transported in receptacles of 250 ℓ or less, are not subject to the provisions of this Code.
- 152 The classification of this substance will vary with particle size and packaging, but borderlines have not been experimentally determined. Appropriate classifications shall be made as required by 2.1.3.
- 153 This entry applies only if it is demonstrated, on the basis of tests, that the substance, when in contact with water, is not combustible nor shows a tendency to auto-ignition and that the mixture of gases evolved is not flammable.
- 163 A substance specifically listed by name in the Dangerous Goods List shall not be transported under this entry. Materials transported under this entry may contain 20% or less nitrocellulose provided the nitrocellulose contains not more than 12.6% nitrogen (by dry mass).
- 168 Asbestos which is immersed or fixed in a natural or artificial binder (such as cement, plastics, asphalt, resins or mineral ore) in such a way that no escape of hazardous quantities of respirable asbestos fibres can occur during transport is not subject to the provisions of this Code. Manufactured articles containing asbestos and not meeting this provision are nevertheless not subject to the provisions of this Code when packaged so that no escape of hazardous quantities of respirable asbestos fibres can occur during transport.
- 169 Phthalic anhydride in the solid state and tetrahydrophthalic anhydride, with no more than 0.05% maleic anhydride, are not subject to these regulations. Phthalic anhydride molten at a temperature above its flashpoint, with not more than 0.05% maleic anhydride, shall be classified under UN 3256.
- 172 Radioactive material with a subsidiary risk shall:
- .1 be labelled with subsidiary risk labels corresponding to each subsidiary risk exhibited by the material; corresponding placards shall be affixed to cargo transport units in accordance with the relevant provisions of 5.3.1; and
 - .2 be allocated to packing group I, II or III, as and if appropriate, by application of the grouping criteria provided in part 2 corresponding to the nature of the predominant subsidiary risk.
- The description required in chapter 5.2 shall include a description of these subsidiary risks (such as "Subsidiary risk: 3, 6.1"), the name of the constituents which most predominantly contribute to this (these) subsidiary risk(s), and where applicable, the packing group.
- For thorium nitrate solid and uranium nitrate solid, the subsidiary risk is 5.1. For uranyl nitrate hexahydrate solution and uranium hexafluoride, the subsidiary risk is 8. For pyrophoric uranium metal and pyrophoric thorium metal, the subsidiary risk is 4.2.
- 177 Barium sulphate is not subject to the provisions of this Code.
- 178 This entry shall be used only when no other appropriate entry exists in the list, and only with the approval of the competent authority of the country of origin.
- 179 This designation shall be used for substances and mixtures which are dangerous to the aquatic environment or which are Marine Pollutants that do not meet the classification criteria of any other class or another substance within class 9. This designation may also be used for wastes not otherwise subject to this Code but which are covered under the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal (1989) and for substances designated to be environmentally hazardous substances by the competent authority of the country of origin, transit or destination which do not meet the criteria for an environmentally hazardous substance in accordance with this Code or for any other hazard class.
- 181 Packages containing this type of substance shall bear the "EXPLOSIVE" subsidiary risk label (Model No. 1, see 5.2.2.2.2) unless the competent authority of the country of origin has permitted this label to be dispensed with for the specific packaging employed because test data have proved that the substance in this packaging does not exhibit explosive behaviour (5.4.1.5.5.1). The provisions of 7.2.8 shall also be considered.
- 182 The group of alkali metals includes lithium, sodium, potassium, rubidium and caesium.
- 183 The group of alkaline earth metals includes magnesium, calcium, strontium and barium.

Part 3 – Dangerous Goods List and limited quantities exceptions

- 186 In determining the ammonium nitrate content, all nitrate ions for which a molecular equivalent of ammonium ions is present in the mixture shall be calculated as ammonium nitrate.
- 188 Lithium cells and batteries offered for transport are not subject to other provisions of this Code if they meet the following:
- .1 For a lithium metal or lithium alloy cell, the lithium content is not more than 1 g, and for a lithium-ion cell, the equivalent lithium content is not more than 1.5 g;
 - .2 For a lithium metal or lithium alloy battery, the aggregate lithium content is not more than 2 g, and for a lithium-ion battery, the aggregate equivalent lithium content is not more than 8 g;
 - .3 Each cell or battery is of the type proved to meet the requirements of each test in the United Nations *Manual of Tests and Criteria*, Part III, sub-section 38.3;
 - .4 Cells and batteries are separated so as to prevent short circuits and are packed in strong packagings, except when installed in equipment; and
 - .5 Except when installed in equipment, each package containing more than 24 lithium cells or 12 lithium batteries shall in addition meet the following requirements:
 - .1 Each package shall be marked indicating that it contains lithium batteries and that special procedures shall be followed in the event that the package is damaged;
 - .2 Each shipment shall be accompanied with a document indicating that packages contain lithium batteries and that special procedures shall be followed in the event a package is damaged;
 - .3 Each package is capable of withstanding a 1.2 m drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents so as to allow battery to battery (or cell to cell) contact and without release of contents; and
 - .4 Except for lithium batteries packed with equipment, packages may not exceed 30 kg gross mass.
- As used above and elsewhere in this Code, "lithium content" means the mass of lithium in the anode of a lithium metal or lithium alloy cell, except in the case of a lithium-ion cell the "equivalent lithium content" in grams is calculated to be 0.3 times the rated capacity in ampere-hours.
- 190 Aerosol dispensers shall be provided with protection against inadvertent discharge. Aerosols with a capacity not exceeding 50 ml containing only non-toxic constituents are not subject to the provisions of this Code.
- 191 Receptacles with a capacity not exceeding 50 ml containing only non-toxic constituents are not subject to the provisions of this Code.
- 193 This entry may only be used for uniform ammonium nitrate based fertilizer mixtures of the nitrogen, phosphate or potash type, containing not more than 70% ammonium nitrate and not more than 0.4% total combustible/organic material calculated as carbon or with not more than 45% ammonium nitrate and unrestricted combustible material. Fertilizers within these composition limits are not subject to the provisions of this Code when shown by a Trough Test (see United Nations *Manual of Tests and Criteria*, Part III, sub-section 38.2) that they are not liable to self-sustaining decomposition.
- 194 The control and emergency temperatures, if any, and the generic entry number for each of the currently assigned self-reactive substances are given in 2.4.2.3.2.3.
- 195 For certain organic peroxides types B or C, a smaller packaging than that allowed by packing methods OP5 or OP6 respectively has to be used (see 4.1.7 and 2.5.3.2.4).
- 196 Formulations which, in laboratory testing, neither detonate in the cavitated state nor deflagrate, which show no effect when heated under confinement and which exhibit no explosive power may be transported under this entry. The formulation must also be thermally stable (i.e. the SADT is 60°C or higher for a 50 kg package). Formulations not meeting these criteria shall be transported under the provisions of class 5.2 (see 2.5.3.2.4).
- 198 Nitrocellulose solutions containing not more than 20% nitrocellulose may be transported as paint or printing ink, as applicable. See UN 1210, UN 1263 and UN 3066.
- 199 Lead compounds which, when mixed in a ratio of 1:1000 with 0.07M hydrochloric acid and stirred for one hour at a temperature of 23°C ± 2°C, exhibit a solubility of 5% or less are considered insoluble (see ISO 3711:1990).
- 201 Lighters and lighter refills shall comply with the provisions of the country in which they were filled. They shall be provided with protection against inadvertent discharge. The liquid portion of the gas shall not exceed 85% of the capacity of the receptacle at 15°C. The receptacles, including the closures, shall be capable of withstanding an internal pressure of twice the pressure of the liquefied petroleum gas at 55°C. The valve mechanisms and ignition devices shall be securely sealed, taped or

- otherwise fastened or designed to prevent operation or leakage of the contents during transport. Lighters shall not contain more than 10 g of liquefied petroleum gas. Lighter refills shall not contain more than 65 g of liquefied petroleum gas.
- 203 This entry shall not be used for polychlorinated biphenyls, UN 2315.
- 204 Articles containing smoke-producing substance(s) corrosive according to the criteria for class 8 shall be labelled with a "CORROSIVE" subsidiary risk label (Model No.8, see 5.2.2.2.2).
- 205 This entry shall not be used for PENTACHLOROPHENOL, UN 3155.
- 207 Polymeric beads and moulding compounds may be made from polystyrene, poly(methyl methacrylate) or other polymeric material.
- 208 The commercial grade of calcium nitrate fertilizer, when consisting mainly of a double salt (calcium nitrate and ammonium nitrate) containing not more than 10% ammonium nitrate and at least 12% water of crystallization, is not subject to the provisions of this Code.
- 209 The gas shall be at a pressure corresponding to ambient atmospheric pressure at the time the containment system is closed and this shall not exceed 105 kPa absolute.
- 210 Toxins from plant, animal or bacterial sources which contain infectious substances, or toxins that are contained in infectious substances, shall be classified under class 6.2.
- 215 This entry only applies to the technically pure substance or to formulations derived from it, having an SADT higher than 75°C and, therefore, does not apply to formulations which are self-reactive substance (for self-reactive substances, see 2.4.2.3.2.3). Homogeneous mixtures containing not more than 35% by mass of azodicarbonamide and at least 65% of inert substance are not subject to this Code unless criteria of other classes are met.
- 216 Mixtures of solids which are not subject to the provisions of this Code and flammable liquids may be transported under this entry without first applying the classification criteria of class 4.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leakproof when used as a bulk packaging. Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid material are not subject to the provisions of this Code provided there is no free liquid in the packet or article.
- 217 This entry shall only be used for mixtures of solids which are not subject to the provisions of this Code and toxic liquids may be transported under this entry without first applying the classification criteria of class 6.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leakproof when used as a bulk packaging. This entry shall not be used for solids containing a packing group I liquid.
- 218 This entry shall only be used for mixtures of solids which are not subject to the provisions of this Code and corrosive liquids may be transported under this entry without first applying the classification criteria of class 8, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leakproof when used as a bulk packaging. This entry shall not be used for solids containing a packing group I liquid.
- 219 Genetically modified micro-organisms and genetically modified organisms which meet the definition of an infectious substance and the criteria for inclusion in class 6.2 in accordance with chapter 2.6 shall be transported as UN 2814, UN 2900 or UN 3373, as appropriate.
- 220 The technical name of the flammable liquid component only of this solution or mixture shall be shown in parentheses immediately following the Proper Shipping Name.
- 221 Substances included under this entry shall not be of packing group I.
- 223 If the chemical or physical properties of a substance covered by this description are such that, when tested, it does not meet the established defining criteria for the class or division listed in column 3, or any other class or division, it is not subject to the provisions of this Code except in the case of a marine pollutant where 2.10.3 applies.
- 224 Unless it can be demonstrated by testing that the sensitivity of the substance in its frozen state is no greater than in its liquid state, the substance shall remain liquid during normal transport conditions. It shall not freeze at temperatures above -15°C.
- 225 Fire extinguishers under this entry may include installed actuating cartridges (cartridges, power device of division 1.4C or 1.4S) without changing the classification of class 2.2 provided the total quantity of deflagrating (propellant) explosives does not exceed 3.2 g per extinguishing unit.

Part 3 – Dangerous Goods List and limited quantities exceptions

- 226 Formulations of these substances containing not less than 30% non-volatile, non-flammable phlegmatizer are not subject to the provisions of this Code.
- 227 When phlegmatized with water and inorganic inert material, the content of urea nitrate may not exceed 75% by mass and the mixture shall not be capable of being detonated by the Series 1, type (a) test in the United Nations *Manual of Tests and Criteria*, Part I.
- 228 Mixtures not meeting the criteria for flammable gases (class 2.1) shall be transported under UN 3163.
- 230 This entry applies to cells and batteries containing lithium in any form, including lithium-polymer and lithium-ion cells and batteries. Lithium cells and batteries may be transported under this entry if they meet the following conditions:
- .1 each cell or battery is of the type proved to meet the requirements of each test of the United Nations *Manual of Tests and Criteria*, Part III, sub-section 38.3;
 - .2 each cell and battery incorporates a safety venting device or is designed to preclude a violent rupture under normal conditions of transport;
 - .3 each cell and battery is equipped with an effective means of preventing external short circuits; and
 - .4 each battery containing cells or series of cells connected in parallel is equipped with effective means as necessary to prevent reverse current flow (such as diodes, fuses, etc.).
- 232 This entry shall only be used when the substance does not meet the criteria of any other class. Transport in cargo transport units other than in tanks shall be in accordance with standards specified by the competent authority of the country of origin.
- 235 This entry applies to articles which contain class 1 explosive substances and which may also contain dangerous goods of other classes. These articles are used as life-saving vehicle air-bag inflators or air-bag modules or seat-belt pretensioners.
- 236 Polyester resin kits consist of two components: a base material (class 3, packing group II or III) and an activator (organic peroxide). The organic peroxide shall be type D, E or F, not requiring temperature control. Packing group shall be II or III, according to the criteria for class 3, applied to the base material. The quantity limit shown in column 7 of the Dangerous Goods List applies to the base material.
- 237 The membrane filters, including paper separators, coating or backing materials, etc., that are present in transport, shall not be liable to propagate a detonation as tested by one of the tests described in the United Nations *Manual of Tests and Criteria*, Part I, Test series 1(a).
- In addition, the competent authority may determine, on the basis of the results of suitable burning rate tests taking account of the standard tests in the United Nations *Manual of Tests and Criteria*, Part III, 33.2.1, that nitrocellulose membrane filters in the form in which they are to be transported are not subject to the provisions of this Code applicable to flammable solids in class 4.1.
- 238 .1 Batteries can be considered as non-spillable provided that they are capable of withstanding the vibration and pressure differential tests given below, without leakage of battery fluid:
- Vibration test:** The battery is rigidly clamped to the platform of a vibration machine and a simple harmonic motion having an amplitude of 0.8 mm (1.6 mm maximum total excursion) is applied. The frequency is varied at the rate of 1 Hz/min between the limits of 10 Hz and 55 Hz. The entire range of frequencies and return is traversed in 95 ± 5 minutes for each mounting position (direction of vibration) of the battery. The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for equal time periods.
- Pressure differential test:** Following the vibration test, the battery is stored for six hours at $24^{\circ}\text{C} \pm 4^{\circ}\text{C}$ while subjected to a pressure differential of at least 88 kPa. The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for at least six hours in each position.
- Non-spillable type batteries which are an integral part of and necessary for the operation of mechanical or electronic equipment shall be securely fastened in the battery holder on the equipment and protected in such a manner as to prevent damage and short circuits.
- .2 Non-spillable batteries are not subject to the provisions of this Code if, at a temperature of 55°C , the electrolyte will not flow from a ruptured or cracked case and there is no free liquid to flow and if, when packaged for transport, the terminals are protected from short circuit.
- 239 Batteries or cells shall not contain dangerous goods other than sodium, sulphur and/or polysulphides. Batteries or cells shall not be offered for transport at a temperature such that liquid elemental sodium is present in the battery or cell, unless approved and under the conditions established by the competent authority.

Cells shall consist of hermetically sealed metal casings which fully enclose the dangerous goods and which are so constructed and closed as to prevent the release of the dangerous goods under normal conditions of transport.

Batteries shall consist of cells secured within and fully enclosed by a metal casing so constructed and closed as to prevent the release of the dangerous goods under normal conditions of transport.

Batteries installed in vehicles are not subject to the provisions of this Code.

- 241 The formulation shall be prepared so that it remains homogeneous and does not separate during transport. Formulations with low nitrocellulose contents and not showing dangerous properties when tested for their liability to detonate, deflagrate or explode when heated under defined confinement by tests of Test series 1(a), 2(b) and 2(c) respectively in the United Nations *Manual of Tests and Criteria*, Part I and not being a flammable solid when tested in accordance with test No. 1 in the United Nations *Manual of Tests and Criteria*, Part III, paragraph 33.2.1.4 (chips, if necessary, crushed and sieved to a particle size of less than 1.25 mm) are not subject to the provisions of this Code.
- 242 Sulphur is not subject to the provisions of this Code when it has been formed to a specific shape (such as prills, granules, pellets, pastilles or flakes).
- 243 Gasoline, motor spirit and petrol for use in spark-ignition engines (e.g. in automobiles, stationary engines and other engines) shall be assigned to this entry regardless of variations in volatility.
- 244 This entry includes materials and substances such as aluminium dross, aluminium skimmings, spent cathodes, spent potliner and aluminium salt slags.
- 246 During transport, this substance shall be protected from direct sunshine and kept in a cool and well-ventilated space away from all sources of heat.
- 247 Alcoholic beverages containing more than 24% alcohol but not more than 70% by volume, when transported as part of the manufacturing process, may be transported in wooden barrels with a capacity of more than 250 litres and not more than 500 litres meeting the general requirements of 4.1.1, as appropriate, on the following conditions:
- .1 the wooden barrels shall be checked and tightened before filling;
 - .2 sufficient ullage (not less than 3%) shall be left to allow for the expansion of the liquid;
 - .3 the wooden barrels shall be transported with the bungholes pointing upwards;
 - .4 the wooden barrels shall be transported in containers meeting the provisions of the International Convention for Safe Containers (CSC 1972), as amended, and each wooden barrel shall be secured in custom-made cradles and be wedged by appropriate means to prevent it from being displaced in any way during transport; and
 - .5 when carried on board ships, the containers shall be stowed in open cargo spaces or in enclosed cargo spaces complying with the requirements for class 3 flammable liquids with a flashpoint of 23°C c.c. or less in regulation II-2/19 of SOLAS, 74, as amended or regulation II-2/54 of SOLAS 74, as amended by the resolutions indicated in II-2/1.2.1, as applicable.
- 249 Ferrocium, stabilized against corrosion, with a minimum iron content of 10% is not subject to the provisions of this Code.
- 250 This entry may only be used for samples of chemicals taken for analysis in connection with the implementation of the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on their Destruction. The transport of substances under this entry shall be in accordance with the chain of custody and security procedures specified by the Organization for the Prohibition of Chemical Weapons.
- The chemical sample may only be transported provided prior approval has been granted by the competent authority or the Director General of the Organization for the Prohibition of Chemical Weapons and providing the sample complies with the following conditions:
- .1 it shall be packaged according to packing instruction 623 in the International Civil Aviation Organization's Technical Instructions for the Safe Transport of Dangerous Goods by Air; and
 - .2 during transport, it shall be accompanied by a copy of the document of approval for transport, showing the quantity limitations and the packing provisions.
- 251 The entry CHEMICAL KIT or FIRST AID KIT is intended to apply to boxes, cases, etc., containing small quantities of various dangerous goods which are used for example for medical, analytical, testing or repair purposes. Such kits may not contain dangerous goods for which the word "NONE" has been indicated in column 7 of the Dangerous Goods List.

Components shall not react dangerously (see 4.1.1.6). The total quantity of dangerous goods in any one kit shall not exceed either 1 ℓ or 1 kg. The packing group assigned to the kit as a whole shall be the most stringent packing group assigned to any individual substance in the kit.

Kits which are carried on board vehicles for first-aid or operating purposes are not subject to the provisions of this Code.

Chemical kits and first aid kits containing dangerous goods in inner packagings which do not exceed the quantity limits applicable to individual substances as specified in column 7 of the Dangerous Goods List may be transported in accordance with chapter 3.4.

- 252 Provided the ammonium nitrate remains in solution under all conditions of transport, aqueous solutions of ammonium nitrate, with not more than 0.2% combustible material, in a concentration not exceeding 80%, are not subject to the provisions of this Code.
- 266 This substance, when containing less alcohol, water or phlegmatizer than specified, shall not be transported, unless specifically authorized by the competent authority.
- 267 Any explosives, blasting, type C containing chlorates shall be segregated from explosives containing ammonium nitrate or other ammonium salts.
- 270 Aqueous solutions of class 5.1 inorganic solid nitrate substances are considered as not meeting the criteria of class 5.1 if the concentration of the substances in solution at the minimum temperature encountered in transport is not greater than 80% of the saturation limit.
- 271 Lactose or glucose or similar materials may be used as a phlegmatizer provided that the substance contains not less than 90%, by mass, of phlegmatizer. The competent authority may authorize these mixtures to be classified under class 4.1 on the basis of series 6(c) tests of Part I of the United Nations *Manual of Tests and Criteria* on at least three packages as prepared for transport. Mixtures containing at least 98%, by mass, of phlegmatizer are not subject to the provisions of this Code. Packages containing mixtures with not less than 90%, by mass, of phlegmatizer need not bear a "TOXIC" subsidiary risk label.
- 272 This substance shall not be transported under the provisions of class 4.1 unless specifically authorized by the competent authority (see UN 0143).
- 273 Maneb and maneb preparations stabilized against self-heating need not be classified in class 4.2 when it can be demonstrated by testing that a cubic volume of 1 m³ of substance does not self-ignite and that the temperature at the centre of the sample does not exceed 200°C when the sample is maintained at a temperature of not less than 75°C ± 2°C for a period of 24 hours.
- 274 For the purposes of documentation and package marking, the Proper Shipping Name shall be supplemented with the technical name (see 3.1.2.8.1).
- 277 For aerosols or receptacles containing toxic substances, the limited quantity value is 120 mL. For all other aerosols or receptacles, the limited quantity value is 1000 mL.
- 278 These substances shall not be classified and transported unless authorized by the competent authority on the basis of results from series 2 tests and series 6(c) tests of Part I of the United Nations *Manual of Tests and Criteria* on packages as prepared for transport (see 2.1.3.1). The competent authority shall assign the packing group on the basis of the chapter 2.3 criteria and the package type used for the series 6(c) tests.
- 279 The substance is assigned to this classification or packing group based on human experience rather than the strict application of classification criteria set out in this Code.
- 280 This entry applies to articles which are used as life-saving vehicle air-bag inflators, or air-bag modules or seat-belt pretensioners and which contain dangerous goods of class 1 or dangerous goods of other classes and when transported as component parts and when these articles as presented for transport have been tested in accordance with Test series 6(c) of Part I of the United Nations *Manual of Tests and Criteria*, with no explosion of the device, no fragmentation of device casing or pressure vessel, and no projection hazard nor thermal effect which would significantly hinder fire-fighting or other emergency response efforts in the immediate vicinity.
- 281 Transport of hay, straw or bhusa when wet, damp or contaminated with oil is prohibited and when not wet or contaminated with oil is subject to the provisions of this Code.
- 283 Articles, containing gas, intended to function as shock absorbers, including impact-energy-absorbing devices or pneumatic springs, are not subject to the provisions of this Code provided:
 - .1 each article has a gas space capacity not exceeding 1.6 l and a charge pressure not exceeding 280 bar where the product of the capacity (litres) and charge pressure (bar) does not exceed 80 (i.e. 0.5 l gas space and 160 bar charge pressure, 1 l gas space and 80 bar charge pressure, 1.6 l gas space and 50 bar charge pressure, 0.28 l gas space and 280 bar charge pressure);
 - .2 each article has a minimum burst pressure of 4 times the charge pressure at 20°C for products not exceeding 0.5 l gas space capacity and 5 times charge pressure for products greater than 0.5 l gas space capacity;

- .3 each article is manufactured from material which will not fragment upon rupture;
 - .4 each article is manufactured in accordance with a quality-assurance standard acceptable to the competent authority; and
 - .5 the design type has been subjected to a fire test demonstrating that pressure in the article is relieved by means of a fire-degradable seal or other pressure-relief device, such that the article will not fragment and that the article does not rocket.
- 284 An oxygen generator, chemical, containing oxidizing substances shall meet the following conditions:
- .1 the generator, when containing an explosive device, shall only be transported under this entry when excluded from class 1 in accordance with 2.1.3 of this Code;
 - .2 the generator, without its packaging, shall be capable of withstanding a 1.8 m drop test onto a rigid, non-resilient, flat and horizontal surface, in the position most likely to cause damage, without loss of its contents and without actuation; and
 - .3 when the generator is equipped with an actuating device, it shall have at least two positive means of preventing unintentional actuation.
- 286 Nitrocellulose membrane filters covered by this entry, each with a mass not exceeding 0.5 g, are not subject to the provisions of this Code when contained individually in an article or a sealed packet.
- 288 These substances shall not be classified and transported unless authorized by the competent authority on the basis of results from series 2 tests and series 6(c) tests of Part I of the United Nations *Manual of Tests and Criteria* on packages as prepared for transport (see 2.1.3).
- 289 Air bags or seat-belts installed in conveyances or in complete conveyance components such as steering columns, door panels, seats, etc. are not subject to the provisions of this Code.
- 290 When this material meets the definitions and criteria of other classes or divisions as defined in part 2, it shall be classified in accordance with the predominant subsidiary risk. Such material shall be declared under the Proper Shipping Name and the UN Number appropriate for the material in that predominant class or division, with the addition of the name applicable to this material according to column 2 in the Dangerous Goods List, and shall be transported in accordance with the provisions applicable to the UN Number. In addition, all other requirements specified in 2.7.9.1 shall apply, except 5.2.1.5.2.
- 291 Flammable liquefied gases shall be contained within refrigerating-machine components. These components shall be designed and tested to at least three times the working pressure of the machinery. The refrigerating machines and refrigerating machinery components shall be designed and constructed to contain the liquefied gas and preclude the risk of bursting or cracking of the pressure-retaining components during normal conditions of transport. Refrigerating machines and refrigerating-machine components are not subject to the provisions of this Code if they contain less than 12 kg of gas.
- 292 Mixtures containing not more than 23.5% oxygen by volume may be transported under this entry when no other oxidizing gases are present. A class 5.1 subsidiary risk label is not required for any concentrations within this limit.
- 293 The following definitions apply to matches:
- (a) *Fusee matches* are matches the heads of which are prepared with a friction-sensitive igniter composition and a pyrotechnic composition which burns with little or no flame, but with intense heat;
 - (b) *Safety matches* are combined with or attached to the box, book or card that can be ignited by friction only on a prepared surface;
 - (c) *Strike anywhere matches* are matches that can be ignited by friction on a solid surface;
 - (d) *Wax Vesta matches* are matches that can be ignited by friction either on a prepared surface or on a solid surface.
- 294 Safety matches and wax "Vesta" matches in an outer packaging not exceeding 25 kg net mass are not subject to any other provision (except marking) of this Code when packaged in accordance with packing instruction P407.
- 295 Batteries need not be individually marked and labelled if the pallet bears the appropriate mark and label.
- 296 These entries apply to life-saving appliances such as liferafts, personal flotation devices and self-inflating slides. UN 2990 applies to self-inflating appliances. UN 3072 applies to life-saving appliances that are not self-inflating. Life-saving appliances may contain:
- .1 signal devices (class 1) which may include smoke and illumination signal flares packed in packagings that prevent them from being inadvertently activated;

Part 3 – Dangerous Goods List and limited quantities exceptions

- .2 for UN 2990 only, cartridges, power device of division 1.4, compatibility group S, may be contained for purposes of the self-inflating mechanism and provided that the quantity of explosives per appliance does not exceed 3.2 g;
 - .3 class 2.2 compressed gases;
 - .4 electric storage batteries (class 8) and lithium batteries (class 9);
 - .5 first aid kits or repair kits containing small quantities of dangerous goods (e.g. classes 3, 4.1, 5.2, 8 or 9 substances); or
 - .6 "Strike anywhere" matches packed in packagings that prevent them from being inadvertently activated.
- 297 Cargo transports units containing solid carbon dioxide shall be conspicuously marked on two sides "WARNING CO₂ SOLID (DRY ICE)" and if used for cooling purposes as required by 5.4.2.1.8. Packagings containing solid carbon dioxide and not transported in cargo transport units shall be marked "WARNING CO₂ SOLID (DRY ICE)" or "CARBON DIOXIDE, SOLID – DO NOT STOW BELOW DECK".
- Carbon dioxide, solid (dry ice) is not subject to the transport document requirements if the package is marked "CARBON DIOXIDE, SOLID" or "DRY ICE" and is marked with an indication that the substance being refrigerated is used for diagnostic or treatment purposes (such as frozen medical specimens).
- Carbon dioxide, solid (dry ice) that is on board as a ships' store and used for cooling other cargo is not subject to the provisions of this Code.
- 299 Consignments of:
- (i) Cotton, dry having a density not less than 360 kg/m³
 - (ii) Flax, dry having a density not less than 400 kg/m³
 - (iii) Sisal, dry having a density not less than 360 kg/m³
- according to ISO 8115:1986, are not subject to the provisions of this Code when transported in closed cargo transport units.
- 300 Fish meal or fish scrap shall not be transported if the temperature at the time of loading exceeds 35°C or 5°C above the ambient temperature, whichever is higher.
- 301 This entry only applies to machinery or apparatus containing dangerous substances as a residue or an integral element of the machinery or apparatus. It shall not be used for machinery or apparatus for which a Proper Shipping Name already exists in the Dangerous Goods List. Machinery and apparatus transported under this entry shall only contain dangerous goods which are authorized to be transported in accordance with the provisions in chapter 3.4 (Limited quantities). The quantity of dangerous goods in machinery or apparatus shall not exceed the quantity specified in column 7 of the Dangerous Goods List for each item of dangerous goods contained. If the machinery or apparatus contains more than one item of dangerous goods, the individual substances shall not be capable of reacting dangerously with one another (see 4.1.1.6). When it is required to ensure liquid dangerous goods remain in their intended orientation, package orientation labels meeting the specifications of ISO 780:1985 shall be affixed on at least two opposite vertical sides with the arrows pointing in the correct direction. The transport of dangerous goods in machinery or apparatus where the quantity of dangerous goods exceeds the quantity specified in column 7 of the Dangerous Goods List is authorized when approved by the competent authority.
- 302 In the Proper Shipping Name, the word "UNIT" means a cargo transport unit.
- 303 Receptacles shall be assigned to the class and, if any, subsidiary hazard of the gas or mixture of gases contained therein determined in accordance with the provisions of chapter 2.2.
- 304 Batteries, dry, containing corrosive electrolyte which will not flow out of the battery if the battery case is cracked are not subject to the provisions of this Code provided the batteries are securely packed and protected against short-circuits. Examples of such batteries are: alkali-manganese, zinc-carbon, nickel-metal hydride and nickel-cadmium batteries.
- 305 These substances are not subject to the provisions of this Code when in concentrations of not more than 50 mg/kg.
- 306 This entry may only be used for substances that do not exhibit explosive properties of class 1 when tested in accordance to Test Series 1 and 2 of class 1 (see United Nations *Manual of Tests and Criteria*, Part 1).

- 307 This entry shall be used for uniform mixtures containing ammonium nitrate as the main ingredient within the following composition limits:
- .1 not less than 90% ammonium nitrate with not more than 0.2% total combustible/organic material calculated as carbon and with added matter, if any, which is inorganic and inert towards ammonium nitrate; or
 - .2 less than 90% but more than 70% ammonium nitrate with other inorganic materials or more than 80% but less than 90% ammonium nitrate mixed with calcium carbonate and/or dolomite and not more than 0.4% total combustible/organic material calculated as carbon; or
 - .3 nitrogen type ammonium nitrate based fertilizers containing mixtures of ammonium nitrate and ammonium sulphate with more than 45% but less than 70% ammonium nitrate and not more than 0.4% total combustible/organic material calculated as carbon such that the sum of the percentage compositions of ammonium nitrate and ammonium sulphate exceeds 70%.
- 308 Fish scrap or fish meal shall contain at least 100 ppm of antioxidant (ethoxyquin) at the time of consignment.
- 309 This entry applies to non-sensitized emulsions, suspensions and gels consisting primarily of a mixture of ammonium nitrate and fuel, intended to produce a Type E blasting explosive only after further processing prior to use.
- The mixture for emulsions typically has the following composition: 60-85% ammonium nitrate, 5-30% water, 2-8% fuel, 0.5-4% emulsifier agent, 0-10% soluble flame suppressants, and trace additives. Other inorganic nitrate salts may replace part of the ammonium nitrate.
- The mixture for suspensions and gels typically has the following composition: 60-85% ammonium nitrate, 0-5% sodium or potassium perchlorate, 0-17% hexamine nitrate or monomethylamine nitrate, 5-30% water, 2-15% fuel, 0.5-4% thickening agent, 0-10% soluble flame suppressants, and trace additives. Other inorganic nitrate salts may replace part of the ammonium nitrate.
- Substances shall satisfactorily pass Test Series 8 of the United Nations *Manual of Tests and Criteria*, Part I, Section 18 and be approved by the competent authority.
- 310 The testing requirements in chapter 38.3 of the United Nations *Manual of Tests and Criteria* do not apply to production runs consisting of not more than 100 lithium cells and batteries, or to pre-production prototypes of lithium cells and batteries when these prototypes are transported for testing, if:
- .1 the cells and batteries are transported in an outer packaging that is a metal, plastics or plywood drum or a metal, plastics or wooden box and that meets the criteria for packing group I packagings; and
 - .2 each cell and battery is individually packed in an inner packaging inside an outer packaging and is surrounded by cushioning material that is non-combustible, and non-conductive.
- 311 Substances shall not be transported under this entry unless approved by the competent authority on the basis of the results of appropriate tests according to Part I of the United Nations *Manual of Tests and Criteria*. Packaging shall ensure that the percentage of diluent does not fall below that stated in the competent authority approval at any time during transport.
- 313 Substances and mixtures meeting the criteria for class 8 shall be labelled with a "CORROSIVE" subsidiary risk label (Model No.8, see 5.2.2.2.2).
- 314 (a) These substances are liable to exothermic decomposition at elevated temperatures. Decomposition can be initiated by heat or by impurities (e.g. powdered metals (iron, manganese, cobalt, magnesium) and their compounds).
- (b) During the course of transport, these substances shall be shaded from direct sunlight and all sources of heat and be placed in adequately ventilated areas.
- 315 This entry shall not be used for class 6.1 substances which meet the inhalation toxicity criteria for packing group I described in 2.6.2.2.4.3.
- 316 This entry applies only to calcium hypochlorite, dry, when transported in non-friable tablet form.
- 317 "Fissile – excepted" applies only to those packages complying with 6.4.11.2.
- 318 For the purposes of documentation, the Proper Shipping Name shall be supplemented with the technical name (see 3.1.2.8). Technical names need not be shown on the package. When the infectious substances to be transported are unknown, but suspected of meeting the criteria for inclusion in category A and assignment to UN 2814 or UN 2900, the words "suspected category A infectious substance" shall be shown, in parentheses, following the Proper Shipping Name on the transport document, but not on the outer packagings.

Part 3 – Dangerous Goods List and limited quantities exceptions

- 319 Substances packed and packages marked in accordance with packing instruction P650 are not subject to any other provisions of this Code.
- 321 These storage systems shall always be considered as containing hydrogen.
- 322 When transported in non-friable tablet form, these goods are assigned to packing group III.
- 323 The label conforming to the model No.5.2(a) as in 5.2.2.2.2 may be used until 1 January 2011.
- 324 This substance needs to be stabilized when in concentrations of not more than 99%.
- 325 In the case of non-fissile or fissile excepted uranium hexafluoride, the material shall be classified under UN 2978.
- 326 In the case of fissile uranium hexafluoride, the material shall be classified under UN 2977.
- 327 Waste aerosols consigned in accordance with 5.4.1.4.3.3 may be transported under this entry for the purposes of reprocessing or disposal. They need not be protected against inadvertent discharge provided that measures to prevent dangerous build up of pressure and dangerous atmospheres are addressed. Waste aerosols, other than those leaking or severely deformed, shall be packed in accordance with packing instruction P003 and special provision PP87, or packing instruction LP02 and special packing provision L2. Leaking or severely deformed aerosols shall be transported in salvage packagings provided appropriate measures are taken to ensure there is no dangerous build up of pressure. Waste aerosols shall not be transported in closed freight containers.
- 328 This entry applies to fuel cell cartridges containing flammable liquids including methanol or methanol/water solutions. Fuel cell cartridge means a container that stores fuel for discharge into fuel cell powered equipment through a valve(s) that controls the discharge of fuel into such equipment and is free of electric charge generating components. The cartridge shall be designed and constructed to prevent the fuel from leaking during normal conditions of transport.
- This entry applies to fuel cell cartridge design types shown without their packaging to pass an internal pressure test at a pressure of 100 kPa (gauge).
- 329 Where substances have a flashpoint of 60°C or less, the package(s) shall bear a "FLAMMABLE LIQUID" subsidiary risk label (Model No.3, see 5.2.2.2.2) in addition to the hazard label(s) required by this Code.
- 330 Alcohols containing petroleum products (e.g. gasoline) up to 5% shall be transported under the entry UN 1987 ALCOHOLS, N.O.S.
- 900 The transport of the following substances is prohibited:
- AMMONIUM BROMATE
 - AMMONIUM BROMATE, SOLUTION
 - AMMONIUM CHLORATE
 - AMMONIUM CHLORATE, SOLUTION
 - AMMONIUM CHLORITE
 - AMMONIUM HYPOCHLORITE
 - AMMONIUM NITRATE liable to self-heating sufficient to initiate a decomposition
 - AMMONIUM NITRITES and mixtures of an inorganic nitrite with an ammonium salt
 - AMMONIUM PERMANGANATE
 - AMMONIUM PERMANGANATE, SOLUTION
 - CHLORIC ACID AQUEOUS SOLUTION with a concentration exceeding 10%
 - ETHYL NITRITE pure
 - HYDROCYANIC ACID with more than 20% acid, by mass
 - HYDROGEN CHLORIDE, REFRIGERATED LIQUID
 - HYDROGEN CYANIDE, SOLUTION with more than 45% HYDROGEN CYANIDE
 - MERCURY OXYCYANIDE pure
 - METHYL NITRITE
 - PERCHLORIC ACID with more than 72% acid, by mass
 - SILVER PICRATE, dry or wetted with less than 30% water by mass
 - ZINC AMMONIUM NITRITE
- 903 HYPOCHLORITE MIXTURES with 10% or less available CHLORINE are not subject to the provisions of this Code.
- 904 The provisions of this Code, except for the marine pollution aspects, do not apply to these substances if they are completely miscible with water, except when transported in receptacles with a capacity greater than 250 ℓ and in tanks.

905 May only be shipped as an 80% solution in TOLUENE. The pure product is shock-sensitive and decomposes with explosive violence and the possibility of detonation when heated under confinement. Can be ignited by impact.

907 The consignment shall be accompanied by a certificate from a recognized authority stating:

- moisture content;
- fat content;
- details of anti-oxidant treatment for meals older than 6 months (for UN 2216 only);
- anti-oxidant concentration at the time of shipment, which must exceed 100 mg/kg (for UN 2216 only);
- packing, number of bags and total mass of the consignment;
- temperature of fishmeal at the time of despatch from the factory;
- date of production.

No weathering/curing is required prior to loading. Fishmeal under UN 1374 shall have been weathered for not less than 28 days before shipment.

When fishmeal is packed into containers, the containers shall be packed in such a way that the free air space has been restricted to the minimum.

908 This entry also covers articles, such as transformers and condensers, containing free liquid polychlorinated biphenyls, polyhalogenated biphenyls or polyhalogenated terphenyls.

909 The provisions of this entry are applicable to:

- substances designated as marine pollutants by a superscript 'P' or 'PP' next to its name in the index; and
- mixtures or isomers of substances identified as marine pollutants by a 'P' or 'PP' in the Index and which meet the criteria of 2.10.3 and which do not meet the classification criteria of any other hazard class.

The following substances which do not meet the classification criteria of any other hazard class may also be transported under this entry:

- substances which are subject to other transport regulations due to their potential to cause harm to the environment; and
- wastes not otherwise subject to the provisions of this Code but covered by the Basel Convention; in such a case the Proper Shipping Name shall be preceded by the word "WASTE" (see 5.4.1.4.3.3).

910 A FUMIGATED UNIT is a closed cargo transport unit containing goods or materials that either are or have been fumigated within the unit. The fumigant gases used are either poisonous or asphyxiant. The gases are usually evolved from solid or liquid preparations distributed within the unit. Fumigated units are subject to the following provisions:

- 1 Cargo transport units shall be fumigated and handled taking into account the provisions of the IMO publication *Recommendations on the Safe Use of Pesticides in Ships*, as amended.
- 2 Only cargo transport units that can be closed in such a way that the escape of gas is reduced to a minimum shall be used for the transport of fumigated cargo.
- 3 Class 9 placards shall not be affixed to a fumigated unit, except as required for other class 9 substances or articles packed therein (see 5.3.1.3).
- 4 Fumigated units shall be marked with a warning sign affixed to the access door(s) identifying the type and amount of fumigant used and the date and time of fumigation (see 5.3.2.5).
- 5 The transport document for a fumigated unit shall show the type and amount of fumigant used and the date and time of fumigation (see 5.4.4.2). In addition, instructions for disposal for any residual fumigant, including fumigation devices if used, shall be provided.
- 6 A closed cargo transport unit that has been fumigated is not subject to the provisions of this Code if it has been completely ventilated either by opening the doors of the unit or by mechanical ventilation after fumigation and if the date of ventilation is marked on the fumigation warning sign. When the fumigated goods or materials have been unloaded, the fumigation warning sign(s) shall be removed (see also 7.4.3).
- 7 When fumigated units are stowed under deck, equipment for detecting fumigant gas(es) shall be carried on the ship with instructions for their use.
- 8 Fumigants shall not be applied to the contents of a cargo transport unit once it has been loaded aboard the ship.

Part 3 – Dangerous Goods List and limited quantities exceptions

- 911 Shipments of small cylinders, with a capacity not exceeding 100 cm³, provided that they are overpacked in wooden boxes or fibreboard boxes with a maximum gross mass of 40 kg, are not subject to the provision of this Code.
- 912 This entry also covers solutions in water with concentrations above 70%.
- 914 Liquid nitrogen that is carried on board as a ships' store and that is used for cooling other cargo is not subject to the provisions of this Code.
- 915 This entry shall not be used for wetted explosives, self-reactive substances or metal powders.
- 916 The provisions of this Code do not apply to this substance when:
- mechanically produced, with a particle size of 53 microns or greater; or
 - chemically produced, with a particle size of 840 microns or greater.
- 917 Scrap with rubber content below 45% or exceeding 840 microns and fully vulcanized hard rubber are not subject to the provisions of this Code.
- 919 UREA NITRATE, WETTED with not less than 10% water, by mass, may be transported under the provisions of this class, provided it is packaged in accordance with packing method P002.
- 920 Bars, ingots or sticks are not subject to the provision of this Code.
- 921 Zirconium, dry, 254 microns or thicker is not subject to the provision of this Code.
- 922 LEAD PHOSPHITE, DIBASIC which is accompanied by the certificate from the shipper stating that the substance, as offered for shipment, has been stabilized in such a way that it does not possess the properties of class 4.1 is not subject to the provision of this Code.
- 923 The temperature shall be checked regularly.
- 924 This substance shall not be transported under the provisions of this class unless specifically authorized by the competent authority.
- 925 The provisions of this Code do not apply to:
- non-activated carbon blacks of mineral origin;
 - a consignment of carbon if it passes the tests for self-heating substances as reflected in the United Nations *Manual of Tests and Criteria* (see 33.3.1.3.3), and is accompanied by a certificate from a laboratory accredited by the competent authority, stating that the product to be loaded has been correctly sampled by trained staff from that laboratory and that the sample was correctly tested and has passed the test; and
 - carbons made by a steam activation process.
- 926 This substance shall preferably have been weathered for not less than one month before shipment unless a certificate from a person recognized by the competent authority of the country of shipment states a maximum moisture content of 5%.
- 927 *p*-Nitrosodimethylaniline, wetted with more than 50% water is not subject to the provision of this Code.
- 928 The provisions of this Code shall not apply to:
- fishmeal when acidified and wetted with more than 40% water, by mass, irrespective of other factors;
 - consignments of fishmeal which are accompanied by a certificate issued by a recognized competent authority of the country of shipment or other recognized authority stating that the product has no self-heating properties when transported in packaged form; or
 - fishmeal manufactured from "white" fish with a moisture content of not more than 12% and a fat content of not more than 5% by mass.
- 929 If satisfied, as a result of tests, that such relaxation is justified, the competent authority may permit:
- the seed cakes described as "SEED CAKE, containing vegetable oil (a) mechanically expelled seeds, containing more than 10% of oil or more than 20% of oil and moisture combined" to be transported under conditions governing "SEED CAKE, containing vegetable oil (b) solvent extractions and expelled seeds, containing not more than 10% of oil and, when the amount of moisture is higher than 10% not more than 20% of oil and moisture combined", and
 - the seed cakes described as "SEED CAKE, containing vegetable oil (b) solvent extractions and expelled seeds, containing not more than 10% of oil and, when the amount of moisture is higher than 10% not more than 20% of oil and moisture combined" to be transported under conditions governing SEED CAKE, UN 2217

- Certificates from the shipper shall state oil content and moisture content and shall accompany the shipment.
- 930 All pesticides can only be carried under the provision of this class if accompanied by a certificate supplied by the shipper stating that, when in contact with water, it is not combustible and does not show tendency to autoignition, and that the mixture of gases evolved is not flammable. Otherwise, the provisions of class 4.3 shall be applicable.
- 931 A consignment of this substance which is accompanied by a declaration from the shipper stating that it has no self-heating properties is not subject to the provision of this Code.
- 932 Requires a certificate from the maker or shipper, stating that the shipment was stored under cover, but in the open air, in the size in which it was packaged, for not less than 3 days prior to shipment.
- 934 Requires the percentage range of calcium carbide impurity to be shown on the shipping documents.
- 935 Substances which do not evolve flammable gases when wet, which are accompanied by a certificate from the shipper stating that the substance, as offered for shipment, does not evolve flammable gases when wet, are not subject to the provisions of this Code.
- 937 The solid hydrated form of this substance is not subject to the provision of this Code.
- 939 A consignment of this substance that is accompanied by a shipper's certificate stating that it does not contain more than 0.05% maleic anhydride is not subject to the provision of this Code.
- 941 Manufactured articles or instruments containing up to and including 1 kg of mercury metal are not subject to the provision of this Code.
- 942 The concentration and temperature of the solution at the time of loading, its percentage of combustible material and of chlorides as well as the contents of free acid shall be certified.
- 943 Water-activated articles shall bear a subsidiary risk of class 4.3.
- 944 If a material, substance or article transported under this entry is a severe marine pollutant, the figure in column 7, limited quantities, shall be changed to 500 g for solids or 500 mL for liquids.
- 945 Stabilization of fishmeal shall be achieved to prevent spontaneous combustion by effective application of between 400 and 1000 mg/kg (ppm) ethoxyquin, or liquid BHT (butylated hydroxytoluene) or between 1000 and 4000 mg/kg (ppm) BHT in powder form at the time of production. The said application shall occur no longer than twelve months prior to shipment.
- 946 Requires certification from the shipper that the substance is not of class 4.2.
- 948 These substances may be transported in bulk in cargo transport units only if their melting point is 75°C or above.
- 951 Bulk packaging shall be hermetically sealed and under a nitrogen blanket.
- 952 UN 1942 may be transported in bulk packaging if approved by the competent authority.
- 953 Maximum quantity in glass inner packagings with inert cushioning and absorbent material in a combination packaging on any ship: 500 kg (equivalent to 450 ℓ).
- 954 The provisions of this Code shall not apply to consignments of compressed baled hay with a moisture content of less than 14% shipped in closed cargo transport units and accompanied by a certificate from the shipper stating that the product does not present any class 4.1, UN 1327, hazard in transport and that its moisture content is less than 14%.
- 955 If a viscous substance and its packaging fulfils the provisions of 2.3.2.5, the packing provisions of chapter 4.1, the marking and labelling provisions of chapter 5.2 and the package testing provisions of chapter 6.1 are not applicable.
- 956 Consignments of life-saving appliances, containing no dangerous goods other than carbon dioxide cylinders with a capacity not exceeding 100 cm³, provided that they are overpacked in wooden or fibreboard boxes with a maximum gross mass of 40 kg, are not subject to the provisions of this Code.
- 957 Lithium cells and batteries manufactured before 1 January 2003 that have not been tested in accordance with the requirements in chapter 38.3 of the United Nations *Manual of Tests and Criteria*, as well as articles which contain such lithium cells or batteries, may be transported until 31 December 2013 if all applicable provisions of this Code are met.
- 958 This entry covers articles, such as rags, cotton waste, clothing, sawdust, containing polychlorinated biphenyls, polyhalogenated biphenyls or polyhalogenated terphenyls where no free visible liquid is present.

Part 3 – Dangerous Goods List and limited quantities exceptions

- 959 Waste aerosols authorized for transport under special provision 327 shall only be transported on short international voyages. Long international voyages are authorized only with the approval of the competent authority. Packagings shall be marked and labelled and cargo transport units shall be marked and placarded for appropriate sub-division of class 2 and, if applicable, the subsidiary risk(s).

Chapter 3.4

Limited quantities

3.4.1 General

The provisions of this chapter concern the transport of dangerous goods of certain classes packed in limited quantities. The applicable inner packaging quantity limit for the inner packaging or article is specified for each substance in column 7 of the Dangerous Goods List in chapter 3.2. In addition, the word "None" has been indicated in column 7 of the Dangerous Goods List in chapter 3.2 for each entry not permitted to be transported in accordance with this chapter. The provisions of chapter 1.4 do not apply to the transport of dangerous goods packed in limited quantities. The full provisions of this Code apply equally to limited quantities except as provided elsewhere in this chapter.

3.4.2 Packing

3.4.2.1 Dangerous goods transported according to these special provisions shall be packed only in inner packagings placed in suitable outer packaging. However, the use of inner packagings is not necessary for the transport of articles such as aerosols or "receptacles, small, containing gas". The packagings shall meet the provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 and be so designed that they meet the construction provisions of 6.1.4. The total gross mass of a package shall not exceed 30 kg.

3.4.2.2 Shrink- or stretch-wrapped trays meeting the conditions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 are acceptable as outer packagings for articles or inner packagings containing dangerous goods transported in accordance with these special provisions, except that inner packagings that are liable to break or be easily punctured, such as those made of glass, porcelain, stoneware or certain plastics materials, etc., shall not be transported in such packagings. The total gross mass of a package shall not exceed 20 kg.

3.4.3 Stowage

Notwithstanding the stowage provisions indicated in the Dangerous Goods List, dangerous goods transported under the provisions of this chapter are allocated stowage category A.

3.4.4 Segregation

3.4.4.1 Different dangerous substances in limited quantities may be packed in the same outer packaging, provided:

- .1 the substances comply with the provisions of 7.2.1.11; and
- .2 the segregation provisions of chapter 7.2, including the provisions in column (16) of the Dangerous Goods List, are taken into account. However, notwithstanding the individual provisions specified in the Dangerous Goods List, substances in packing group III within the same class may be packed together subject to compliance with 3.4.4.1.1 of the IMDG Code. The following statement shall be included in the transport document: "Transport in accordance with 3.4.4.1.2 of the IMDG Code (see 5.4.1.5.2.2)."

3.4.4.2 The segregation provisions of chapter 7.2 are not applicable for packagings containing dangerous goods in limited quantities or in relation to other dangerous goods.

3.4.5 Marking and labelling

3.4.5.1 Packages of dangerous goods transported in accordance with the special provisions of this chapter:

- .1 need not be labelled nor bear the marine pollutant mark;
- .2 need not be marked with the Proper Shipping Name of the contents, but shall be marked with the UN Number of the contents (preceded by the letters "UN") placed within a diamond. The width of the line forming the diamond shall be at least 2 mm; the number shall be at least 6 mm high. Where more than one substance assigned to different UN Numbers are included in the package, the diamond shall be large enough to include each relevant UN Number.

Part 3 – Dangerous Goods List and limited quantities exceptions

3.4.5.2 Cargo transport units containing dangerous goods in only limited quantities need not be placarded nor marked according to 5.3.2.0 and 5.3.2.1. They shall, however, be suitably marked on the exterior as “LIMITED QUANTITIES” or “LTD QTY” not less than 65 mm high in accordance with 5.3.2.4.

3.4.6 Documentation

3.4.6.1 In addition to the provisions for documentation specified in chapter 5.4, the words “limited quantity” or “LTD QTY” shall be included on the dangerous goods declaration together with the description of the shipment.

3.4.7 Exemptions

Limited quantities of dangerous goods for personal or household use that are packaged and distributed in a form intended or suitable for sale through retail agencies are in addition exempt from marking of the UN Number* on the packaging.

3.4.8 Marine pollutants

3.4.8.1 The inner packaging limits for substances, materials or articles, which are identified as marine pollutants and which are permitted in limited quantities, shall not exceed 5 ℓ for liquids or 5 kg for solids.

3.4.8.2 The inner packaging limits for substances, materials, or articles, which are identified as severe marine pollutants and which are permitted in limited quantities, shall not exceed 500 ml for liquids or 500 g for solids.

* The diamond mark is not required.



APPENDICES

Appendix A

List of generic and N.O.S. Proper Shipping Names

Substances or articles not mentioned specifically by name in the Dangerous Goods List in chapter 3.2 shall be classified in accordance with 3.1.1.2. Thus the name in the Dangerous Goods List which most appropriately describes the substance or article shall be used as the Proper Shipping Name. The main generic entries and all the N.O.S. entries given in the Dangerous Goods List are listed below. This Proper Shipping Name shall be supplemented by the technical name when special provision 274 has been assigned to the entry in column 6 of the Dangerous Goods List.

In this list, general and N.O.S. names are grouped according to their hazard class or division. Within each hazard class or division, the names have been placed into three groups as follows:

- specific entries covering a group of substances or articles of a particular chemical or technical nature;
- pesticide entries, for class 3 and division 6.1;
- general entries covering a group of substances or articles having one or more general dangerous properties.

THE MOST SPECIFIC APPLICABLE NAME SHALL ALWAYS BE USED.

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
1		0190	CLASS 1 SAMPLES, EXPLOSIVE, other than initiating explosive
1.1A 1.1B 1.1C 1.1C 1.1C 1.1D 1.1D 1.1E 1.1F 1.1G 1.1L 1.1L		0473 0461 0462 0474 0497 0498 0463 0475 0464 0465 0476 0354 0357	Division 1.1 SUBSTANCES, EXPLOSIVE, N.O.S. COMPONENTS, EXPLOSIVE TRAIN, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S. PROPELLANT, LIQUID PROPELLANT, SOLID ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S.
1.2B 1.2C 1.2D 1.2E 1.2F 1.2K 1.2L 1.2L 1.2L	6.1	0382 0466 0467 0468 0469 0020 0248 0355 0358	Division 1.2 COMPONENTS, EXPLOSIVE TRAIN, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. AMMUNITION, TOXIC with burster, expelling charge or propelling charge CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S.
1.3C 1.3C 1.3C 1.3C 1.3G 1.3K 1.3L 1.3L 1.3L	6.1	0132 0470 0477 0495 0499 0478 0021 0249 0356 0359	Division 1.3 DEFLAGRATING METAL SALTS OF AROMATIC NITRO-DERIVATIVES, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S. PROPELLANT, LIQUID PROPELLANT, SOLID SUBSTANCES, EXPLOSIVE, N.O.S. AMMUNITION, TOXIC with burster, expelling charge or propelling charge CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S.
1.4B 1.4B 1.4C 1.4C 1.4C 1.4D 1.4D 1.4E 1.4F 1.4G 1.4G 1.4S 1.4S 1.4S		0350 0383 0351 0479 0501 0352 0480 0471 0472 0353 0485 0349 0384 0481	Division 1.4 ARTICLES, EXPLOSIVE, N.O.S. COMPONENTS, EXPLOSIVE TRAIN, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S. PROPELLANT, SOLID ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S. ARTICLES, EXPLOSIVE, N.O.S. COMPONENTS, EXPLOSIVE TRAIN, N.O.S. SUBSTANCES, EXPLOSIVE, N.O.S.
1.5D		0482	Division 1.5 SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE (SUBSTANCES, EVI), N.O.S.
1.6N		0486	Division 1.6 ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)

Appendix A – List of generic and N.O.S. Proper Shipping Names

Class or division	Subsidiary risk	UN Number	Proper Shipping Name				
2.1		1964 1965 3354	CLASS 2				
			Class 2.1				
			Specific entries HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S. HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S. INSECTICIDE GAS, FLAMMABLE, N.O.S.				
		2.1 2.1 2.1 2.1		1954 3161 3167 3312	General entries COMPRESSED GAS, FLAMMABLE, N.O.S. LIQUEFIED GAS, FLAMMABLE, N.O.S. GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.		
					Class 2.2		
					2.2 2.2	1078 1968	Specific entries REFRIGERANT GAS, N.O.S. INSECTICIDE GAS, N.O.S.
							General entries COMPRESSED GAS, N.O.S. LIQUEFIED GAS, N.O.S. GAS, REFRIGERATED LIQUID, N.O.S. COMPRESSED GAS, OXIDIZING, N.O.S. LIQUEFIED GAS, OXIDIZING, N.O.S. GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.
		2.3	2.1	1967 3355	Specific entries INSECTICIDE GAS, TOXIC, N.O.S. INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.		
					General entries COMPRESSED GAS, TOXIC, N.O.S. LIQUEFIED GAS, TOXIC, N.O.S. GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S. LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S. GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S., not refrigerated liquid		
			2.1 + 8	3305 3309	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S. LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.		
					5.1	3303 3307	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S. LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.
			5.1 + 8	3306 3310			COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S. LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.
8	3304 3308				COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S. LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.		

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
CLASS 3			
Specific entries			
3		1224	KETONES, LIQUID, N.O.S.
3		1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.
3		1987	ALCOHOLS, N.O.S.
3		1989	ALDEHYDES, N.O.S.
3		2319	TERPENE HYDROCARBONS, N.O.S.
3		3271	ETHERS, N.O.S.
3		3272	ESTERS, N.O.S.
3		3295	HYDROCARBONS, LIQUID, N.O.S.
3		3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.
3		3343	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S., with not more than 30% nitroglycerin, by mass
3		3357	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S., with not more than 30% nitroglycerin, by mass
3		3379	DESENSITIZED EXPLOSIVE, LIQUID, N.O.S.
3	6.1	1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
3	6.1	1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.
3	6.1	1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.
3	6.1	2478	ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.
3	6.1	3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
3	6.1	3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.
3	8	2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.
3	8	2985	CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.
3	8	3274	ALCOHOLATES SOLUTION, N.O.S. in alcohol
Pesticides			
3	6.1	2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2764	TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2776	COPPER-BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2778	MERCURY-BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2780	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S. flashpoint <23°C
3	6.1	3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
3	6.1	3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint <23°C
General entries			
3		1993	FLAMMABLE LIQUID, N.O.S.
3		3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flashpoint above 61°C at or above its flashpoint
3	6.1	1992	FLAMMABLE LIQUID, TOXIC, N.O.S.
3	6.1 + 8	3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.
3	8	2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.

Appendix A – List of generic and N.O.S. Proper Shipping Names

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
CLASS 4			
Class 4.1			
Specific entries			
4.1		1353	FIBRES or FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.
4.1		3089	METAL POWDER, FLAMMABLE, N.O.S.
4.1		3182	METAL HYDRIDES, FLAMMABLE, N.O.S.
4.1		3221	SELF-REACTIVE LIQUID TYPE B
4.1		3222	SELF-REACTIVE SOLID TYPE B
4.1		3223	SELF-REACTIVE LIQUID TYPE C
4.1		3224	SELF-REACTIVE SOLID TYPE C
4.1		3225	SELF-REACTIVE LIQUID TYPE D
4.1		3226	SELF-REACTIVE SOLID TYPE D
4.1		3227	SELF-REACTIVE LIQUID TYPE E
4.1		3228	SELF-REACTIVE SOLID TYPE E
4.1		3229	SELF-REACTIVE LIQUID TYPE F
4.1		3230	SELF-REACTIVE SOLID TYPE F
4.1		3231	SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED
4.1		3232	SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED
4.1		3233	SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED
4.1		3234	SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED
4.1		3235	SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED
4.1		3236	SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED
4.1		3237	SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED
4.1		3238	SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED
4.1		3239	SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED
4.1		3240	SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED
4.1		3319	NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass
4.1		3344	PENTAERYTHRITE TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass
4.1		3380	DESENSITIZED EXPLOSIVE, SOLID, N.O.S.
General entries			
4.1		1325	FLAMMABLE SOLID, ORGANIC, N.O.S.
4.1		3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
4.1		3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.
4.1		3178	FLAMMABLE SOLID, INORGANIC, N.O.S.
4.1	5.1	3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.
4.1	6.1	3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.
4.1	6.1	2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.
4.1	8	3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.
4.1	8	2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.
4.1		3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
CLASS 4 (continued)			
Class 4.2			
Specific entries			
4.2		1373	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S., with oil
4.2		1378	METAL CATALYST, WETTED with a visible excess of liquid
4.2		1383	PYROPHORIC METAL, N.O.S. or PYROPHORIC ALLOY, N.O.S.
4.2		2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.
4.2		2881	METAL CATALYST, DRY
4.2		3189	METAL POWDER, SELF-HEATING, N.O.S.
4.2		3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.
4.2		3313	ORGANIC PIGMENTS, SELF-HEATING
4.2		3342	XANTHATES
4.2		3391	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC
4.2		3392	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC
4.2		3400	ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING
4.2	4.3	3393	ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER-REACTIVE
4.2	4.3	3394	ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE
4.2	8	3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.
General entries			
4.2		2845	PYROPHORIC LIQUID, ORGANIC, N.O.S.
4.2		2846	PYROPHORIC SOLID, ORGANIC, N.O.S.
4.2		3088	SELF-HEATING SOLID, ORGANIC, N.O.S.
4.2		3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.
4.2		3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.
4.2		3190	SELF-HEATING SOLID, INORGANIC, N.O.S.
4.2		3194	PYROPHORIC LIQUID, INORGANIC, N.O.S.
4.2		3200	PYROPHORIC SOLID, INORGANIC, N.O.S.
4.2	5.1	3127	SELF-HEATING SOLID, OXIDIZING, N.O.S.
4.2	6.1	3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.
4.2	6.1	3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.
4.2	6.1	3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.
4.2	6.1	3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.
4.2	8	3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.
4.2	8	3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.
4.2	8	3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.
4.2	8	3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.

Appendix A – List of generic and N.O.S. Proper Shipping Names

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
CLASS 4 (continued)			
Class 4.3			
Specific entries			
4.3		1389	ALKALI METAL AMALGAM, LIQUID
4.3		1390	ALKALI METAL AMIDES
4.3		1391	ALKALI METAL DISPERSION or ALKALINE EARTH METAL DISPERSION
4.3		1392	ALKALINE EARTH METAL AMALGAM, LIQUID
4.3		1393	ALKALINE EARTH METAL ALLOY, N.O.S.
4.3		1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.
4.3		1421	ALKALI METAL ALLOY, LIQUID, N.O.S.
4.3		3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.
4.3		3395	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE
4.3		3398	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE
4.3		3401	ALKALI METAL AMALGAM, SOLID
4.3		3402	ALKALINE EARTH METAL AMALGAM, SOLID
4.3	3	3399	ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE
4.3	3 + 8	2988	CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.
4.3	4.1	3396	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE
4.3	4.2	3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.
4.3	4.2	3397	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING
General entries			
4.3		3148	WATER-REACTIVE LIQUID, N.O.S.
4.3		2813	WATER-REACTIVE SOLID, N.O.S.
4.3	4.1	3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.
4.3	4.2	3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.
4.3	5.1	3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.
4.3	6.1	3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.
4.3	6.1	3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.
4.3	8	3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.
4.3	8	3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
CLASS 5			
Class 5.1			
Specific entries			
5.1		1450	BROMATES, INORGANIC, N.O.S.
5.1		1461	CHLORATES, INORGANIC, N.O.S.
5.1		1462	CHLORITES, INORGANIC, N.O.S.
5.1		1477	NITRATES, INORGANIC, N.O.S.
5.1		1481	PERCHLORATES, INORGANIC, N.O.S.
5.1		1482	PERMANGANATES, INORGANIC, N.O.S.
5.1		1483	PEROXIDES, INORGANIC, N.O.S.
5.1		2627	NITRITES, INORGANIC, N.O.S.
5.1		3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3212	HYPOCHLORITES, INORGANIC, N.O.S.
5.1		3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3214	PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3215	PERSULPHATES, INORGANIC, N.O.S.
5.1		3216	PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
5.1		3219	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
General entries			
5.1		1479	OXIDIZING SOLID, N.O.S.
5.1		3139	OXIDIZING LIQUID, N.O.S.
5.1	4.1	3137	OXIDIZING SOLID, FLAMMABLE, N.O.S.
5.1	4.2	3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.
5.1	4.3	3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.
5.1	6.1	3087	OXIDIZING SOLID, TOXIC, N.O.S.
5.1	6.1	3099	OXIDIZING LIQUID, TOXIC, N.O.S.
5.1	8	3085	OXIDIZING SOLID, CORROSIVE, N.O.S.
5.1	8	3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.
Class 5.2			
Specific entries			
5.2		3101	ORGANIC PEROXIDE TYPE B, LIQUID
5.2		3102	ORGANIC PEROXIDE TYPE B, SOLID
5.2		3103	ORGANIC PEROXIDE TYPE C, LIQUID
5.2		3104	ORGANIC PEROXIDE TYPE C, SOLID
5.2		3105	ORGANIC PEROXIDE TYPE D, LIQUID
5.2		3106	ORGANIC PEROXIDE TYPE D, SOLID
5.2		3107	ORGANIC PEROXIDE TYPE E, LIQUID
5.2		3108	ORGANIC PEROXIDE TYPE E, SOLID
5.2		3109	ORGANIC PEROXIDE TYPE F, LIQUID
5.2		3110	ORGANIC PEROXIDE TYPE F, SOLID
5.2		3111	ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED
5.2		3112	ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED
5.2		3113	ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED
5.2		3114	ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED
5.2		3115	ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED
5.2		3116	ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED
5.2		3117	ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED
5.2		3118	ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED
5.2		3119	ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED
5.2		3120	ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED

Appendix A – List of generic and N.O.S. Proper Shipping Names

Class or Division	Subsidiary Risk	Un Number	Proper Shipping Name
CLASS 6			
Class 6.1			
Specific entries			
6.1		1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.
6.1		1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.
6.1		1556	ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.
6.1		1557	ARSENIC COMPOUND, SOLID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.
6.1		1564	BARIUM COMPOUND, N.O.S.
6.1		1566	BERYLLIUM COMPOUND, N.O.S.
6.1		1583	CHLOROPICRIN MIXTURE, N.O.S.
6.1		1588	CYANIDES, INORGANIC, SOLID, N.O.S.
6.1		1601	DISINFECTANT, SOLID, TOXIC, N.O.S.
6.1		1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.
6.1		1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.
6.1		1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.
6.1		1707	THALLIUM COMPOUND, N.O.S.
6.1		1851	MEDICINE, LIQUID, TOXIC, N.O.S.
6.1		1935	CYANIDE SOLUTION, N.O.S.
6.1		2024	MERCURY COMPOUND, LIQUID, N.O.S.
6.1		2025	MERCURY COMPOUND, SOLID, N.O.S.
6.1		2026	PHENYLMERCURIC COMPOUND, N.O.S.
6.1		2206	ISOCYANATES, TOXIC, N.O.S. or ISOCYANATE SOLUTION, TOXIC, N.O.S.
6.1		2291	LEAD COMPOUND, SOLUBLE, N.O.S.
6.1		2570	CADMIUM COMPOUND
6.1		2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.
6.1		2856	FLUOROSILICATES, N.O.S.
6.1		3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOIDS SALTS, LIQUID, N.O.S.
6.1		3141	ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.
6.1		3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.
6.1		3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.
6.1		3144	NICOTINE PREPARATION, LIQUID, N.O.S. or NICOTINE COMPOUND, LIQUID, N.O.S.
6.1		3146	ORGANOTIN COMPOUND, SOLID, N.O.S.
6.1		3249	MEDICINE, SOLID, TOXIC, N.O.S.
6.1		3276	NITRILES, TOXIC, LIQUID, N.O.S.
6.1		3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, LIQUID, N.O.S.
6.1		3280	ORGANOARSENIC COMPOUND, LIQUID, N.O.S.
6.1		3281	METAL CARBONYLS, LIQUID, N.O.S.
6.1		3282	ORGANOMETALLIC COMPOUND, TOXIC, LIQUID, N.O.S.
6.1		3283	SELENIUM COMPOUND, SOLID, N.O.S.
6.1		3284	TELLURIUM COMPOUND, N.O.S.
6.1		3285	VANADIUM COMPOUND, N.O.S.
6.1		3439	NITRILES, TOXIC, SOLID, N.O.S.
6.1		3440	SELENIUM COMPOUND, LIQUID, N.O.S.
6.1		3448	TEAR GAS SUBSTANCE, SOLID, N.O.S.
6.1		3462	TOXINS EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.
6.1		3464	ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.
6.1		3465	ORGANOARSENIC COMPOUND, SOLID, N.O.S.
6.1	3	3466	METAL CARBONYLS, SOLID, N.O.S.
6.1		3467	ORGANOMETALLIC COMPOUND, TOXIC, SOLID, N.O.S.
6.1	3	3071	MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S. OR MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.
6.1	3	3080	ISOCYANATES, TOXIC, FLAMMABLE, N.O.S. OR ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.
6.1	3 + 8	3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.
6.1	3 + 8	3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.
6.1	8	2742	CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.
6.1	8	3362	CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.
6.1		3277	CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.
6.1		3361	CHLOROSILANES, TOXIC, CORROSIVE, N.O.S.

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
			CLASS 6 (continued)
			Class 6.1 (continued)
			Pesticides
			<i>(a) Solid</i>
6.1		2588	PESTICIDE, SOLID, TOXIC, N.O.S.
6.1		2757	CARBAMATE PESTICIDE, SOLID, TOXIC
6.1		2759	ARSENICAL PESTICIDE, SOLID, TOXIC
6.1		2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC
6.1		2763	TRIAZINE PESTICIDE, SOLID, TOXIC
6.1		2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC
6.1		2775	COPPER-BASED PESTICIDE, SOLID, TOXIC
6.1		2777	MERCURY-BASED PESTICIDE, SOLID, TOXIC
6.1		2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC
6.1		2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC
6.1		2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC
6.1		2786	ORGANOTIN PESTICIDE, SOLID, TOXIC
6.1		3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC
6.1		3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC
6.1		3349	PYRETHROID PESTICIDE, SOLID, TOXIC
			<i>(b) Liquid</i>
6.1		2902	PESTICIDE, LIQUID TOXIC, N.O.S.
6.1		2992	CARBAMATE PESTICIDE, LIQUID, TOXIC
6.1		2994	ARSENICAL PESTICIDE, LIQUID, TOXIC
6.1		2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC
6.1		2998	TRIAZINE PESTICIDE, LIQUID, TOXIC
6.1		3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC
6.1		3010	COPPER-BASED PESTICIDE, LIQUID, TOXIC
6.1		3012	MERCURY-BASED PESTICIDE, LIQUID, TOXIC
6.1		3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC
6.1		3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC
6.1		3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
6.1		3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC
6.1		3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC
6.1		3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC
6.1		3352	PYRETHROID PESTICIDE, LIQUID, TOXIC
6.1	3	2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint between 23°C and 61°C
6.1	3	2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3009	COPPER-BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3011	MERCURY-BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$
6.1	3	3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint $\geq 23^{\circ}\text{C}$

Appendix A – List of generic and N.O.S. Proper Shipping Names

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
CLASS 6 (continued)			
Class 6.1 (continued)			
General entries			
6.1		2810	TOXIC LIQUID, ORGANIC, N.O.S.
6.1		2811	TOXIC SOLID, ORGANIC, N.O.S.
6.1		3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.
6.1		3243	SOLIDS CONTAINING TOXIC LIQUID, N.O.S.
6.1		3287	TOXIC LIQUID, INORGANIC, N.O.S.
6.1		3288	TOXIC SOLID, INORGANIC, N.O.S.
6.1		3315	CHEMICAL SAMPLE, TOXIC
6.1		3381	TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1		3382	TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1	3	2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.
6.1	3	3383	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	3	3384	TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1	4.1	2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.
6.1	4.2	3124	TOXIC SOLID, SELF-HEATING, N.O.S.
6.1	4.3	3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.
6.1	4.3	3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.
6.1	4.3	3385	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	4.3	3386	TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1	5.1	3122	TOXIC LIQUID, OXIDIZING, N.O.S.
6.1	5.1	3086	TOXIC SOLID, OXIDIZING, N.O.S.
6.1	5.1	3387	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	5.1	3388	TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
6.1	8	2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.
6.1	8	2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.
6.1	8	3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.
6.1	8	3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.
6.1	8	3389	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 mL/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀
6.1	8	3390	TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 mL/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀
Class 6.2			
Specific entries			
6.2		3291	CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO)MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S.
6.2		3373	DIAGNOSTIC or CLINICAL SPECIMENS
General entries			
6.2		2814	INFECTIOUS SUBSTANCE, AFFECTING HUMANS
6.2		2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
			CLASS 7
			General entries
7		2908	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – EMPTY PACKAGING
7		2909	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM
7		2910	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – LIMITED QUANTITY OF MATERIAL
7		2911	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – INSTRUMENTS or ARTICLES
7		2912	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I) non fissile or fissile – excepted
7		2913	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II) non fissile or fissile – excepted
7		2915	RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile – excepted
7		2916	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE non fissile or fissile – excepted
7		2917	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE non fissile or fissile – excepted
7		2919	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT non fissile or fissile – excepted
7		3321	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile – excepted
7		3322	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non fissile or fissile – excepted
7		3323	RADIOACTIVE MATERIAL, TYPE C PACKAGE non fissile or fissile – excepted
7		3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE
7		3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), FISSILE
7		3326	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE
7		3327	RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE non-special form
7		3328	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE
7		3329	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE
7		3330	RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE
7		3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE
7		3332	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM non fissile or fissile – excepted
7		3333	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE

Appendix A – List of generic and N.O.S. Proper Shipping Names

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
CLASS 8			
Specific entries			
8		1719	CAUSTIC ALKALI LIQUID, N.O.S.
8		1740	HYDROGEN DIFLUORIDES, N.O.S.
8		1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
8		2430	ALKYLPHENOLS, SOLID, N.O.S. (including C ₂ –C ₁₂ homologues)
8		2693	BISULPHITES, AQUEOUS SOLUTION, N.O.S.
8		2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
8		2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.
8		2837	BISULPHATES, AQUEOUS SOLUTION
8		2987	CHLOROSILANES, CORROSIVE, N.O.S.
8		3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)
8		3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.
8		3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.
8	3	2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.
8	3	2986	CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.
General entries			
8		1759	CORROSIVE SOLID, N.O.S.
8		1760	CORROSIVE LIQUID, N.O.S.
8		3244	SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.
8		3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
8		3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
8		3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
8		3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.
8		3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
8		3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
8		3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
8		3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
8	3	2920	CORROSIVE LIQUID, FLAMMABLE, N.O.S.
8	4.1	2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.
8	4.2	3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.
8	4.2	3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.
8	4.3	3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.
8	4.3	3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.
8	5.1	3084	CORROSIVE SOLID, OXIDIZING, N.O.S.
8	5.1	3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.
8	6.1	2922	CORROSIVE LIQUID, TOXIC, N.O.S.
8	6.1	2923	CORROSIVE SOLID, TOXIC, N.O.S.

Class or division	Subsidiary risk	UN Number	Proper Shipping Name
CLASS 9			
General entries			
9		3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
9		3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
9		3257	ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100°C and below its flashpoint (including molten metals, molten salts, etc.)
9		3258	ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240°C
see SP106		3334	AVIATION REGULATED LIQUID, N.O.S.
see SP106		3335	AVIATION REGULATED SOLID, N.O.S.

APPENDIX A

Appendix B

Glossary of terms

Note: The provisions of this appendix are not mandatory.

Caution: The explanations in this glossary are for information only and are not to be used for purposes of hazard classification.

AIR BAG INFLATORS or AIR BAG MODULES or SEAT-BELT PRETENSIONERS

Articles which contain pyrotechnic substances and are used as life-saving vehicle air bags or seat-belts.

AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge

Ammunition designed to produce a single source of intense light for lighting up an area. The term includes illuminating cartridges, grenades and projectiles, and illuminating and target identification bombs.

AMMUNITION, INCENDIARY liquid or gel, with burster, expelling charge or propelling charge

Ammunition containing liquid or gelatinous incendiary substance. It also contains one or more of the following: a propelling charge with primer and igniter charge; a fuse with burster or expelling charge.

AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge

Ammunition containing white phosphorus as incendiary substance. It also contains one or more of the following: a propelling charge with primer and igniter charge; a fuse with burster or expelling charge. White phosphorus ignites spontaneously on exposure to air, and any spillage must be submerged under water.

AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge

Ammunition containing incendiary composition. It may contain one or more of the following: a propelling charge with primer and igniter charge; a fuse with burster or expelling charge.

AMMUNITION, PRACTICE

Ammunition without a main bursting charge, containing a burster or expelling charge. Normally it also contains a fuse and a propelling charge.

AMMUNITION, PROOF

Ammunition containing pyrotechnic substance, used to test the performance or strength of new ammunition, weapon component or assemblies.

AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge

Ammunition containing white phosphorus as a smoke-producing substance. It also contains one or more of the following: a propelling charge with primer and igniter charge; a fuse with burster or expelling charge. The term includes grenades, smoke. White phosphorus ignites spontaneously on exposure to air, and any spillage must be submerged under water.

AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge

Ammunition which produces dense smoke which may be toxic and is suffocating in enclosed spaces. The ammunition may contain one or more of the following: a propelling charge with primer and igniter charge; a fuse with burster or expelling charge. The term includes grenades, smoke.

AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge

Ammunition containing tear-producing substances; it also contains one or more of the following: a pyrotechnic substance; a propelling charge with primer and igniter charge; a fuse with burster or expelling charge.

AMMUNITION, TOXIC with burster, expelling charge or propelling charge	Ammunition containing a toxic agent. It also contains one or more of the following: a pyrotechnic substance; a propelling charge with primer and igniter charge; a fuse with burster or expelling charge.
ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)	Articles that contain only extremely insensitive detonating substances and which demonstrate a negligible probability of accidental initiation or propagation (under normal conditions of transport) and which have passed UN test series 7 (see 2.1.3.1).
ARTICLES, PYROPHORIC	Articles which contain a pyrophoric substance (capable of spontaneous ignition when exposed to air) and an explosive substance or component. The term excludes articles containing white phosphorus.
ARTICLES, PYROTECHNIC for technical purposes	Articles which contain pyrotechnic substances and are used for technical purposes such as heat generation, gas generation, theatrical effects, etc.
BOMBS, PHOTO-FLASH (1) (UN 0037)	Explosive articles which are dropped from aircraft, to provide brief, intense illumination for photography. They contain a charge of detonating explosive with means of initiation not containing two or more effective protective features.
BOMBS, PHOTO-FLASH (2) (UN 0038)	Explosive articles which are dropped from aircraft, to provide brief, intense illumination for photography. They contain a charge of detonating explosive without means of initiation or with means of initiation containing two or more effective protective features.
BOMBS, PHOTO-FLASH (3) (UN 0039 & UN 0299)	Explosive articles which are dropped from aircraft, to provide brief, intense illumination for photography. They contain a photo-flash composition.
BOMBS with bursting charge (1) (UN 0033 & UN 0291)	Explosive articles which are dropped from aircraft and are transported with means of initiation not containing two or more effective protective features.
BOMBS with bursting charge (2) (UN 0034 & UN 0035)	Explosive articles which are dropped from aircraft and are transported without means of initiation or with means of initiation containing two or more effective protective features.
BOMBS, WITH FLAMMABLE LIQUID with bursting charge	Articles which are dropped from aircraft, consisting of a tank filled with flammable liquid and an explosive bursting charge.
BOOSTERS with detonator	Articles consisting of a charge of detonating explosive with means of initiation containing a primary explosive and which does not have two or more effective protective features. They are used to increase the initiating power of detonators or detonating cord.
BOOSTERS without detonator	Articles consisting of a charge of detonating explosive without means of initiation. They are used to increase the initiating power of detonators or detonating cord.
BURSTERS explosive	Articles consisting of a small charge of explosive, without means of initiation, used to open projectiles or other ammunition in order to disperse their contents
CARTRIDGES FOR WEAPONS, BLANK	Ammunition consisting of a closed cartridge case with a centre or rim fire primer and a charge of smokeless or black powder but no projectile. It produces a loud noise and is used for training, saluting, propelling a charge, starter pistols, etc. The term includes ammunition, blank.

CARTRIDGES FOR WEAPONS, INERT PROJECTILE	Ammunition consisting of a projectile without bursting charge but with a propelling charge with or without a primer. The articles may include a tracer, provided that the predominant hazard is that of the propelling charge. The term includes fixed (assembled) ammunition, semi-fixed (partially assembled) ammunition and separate-loading ammunition when the components are packed together.
CARTRIDGES FOR WEAPONS with bursting charge (1) (UN 0005, UN 0007 & UN 0348)	Ammunition consisting of a projectile with a bursting charge with means of initiation not containing two or more effective protective features and a propelling charge with or without a primer. The term includes fixed (assembled) ammunition, semi-fixed (partially assembled) ammunition and separate-loading ammunition when the components are packed together.
CARTRIDGES FOR WEAPONS with bursting charge (2) (UN 0006, UN 0321 & UN 0412)	Ammunition consisting of a projectile with a bursting charge without means of initiation or with means of initiation containing two or more effective protective features and a propelling charge with or without a primer. The term includes fixed (assembled) ammunition, semi-fixed (partially assembled) ammunition and separate-loading ammunition when the components are packed together.
CARTRIDGES, FLASH	Articles consisting of a casing, a primer and flash powder, assembled in one piece ready for firing.
CARTRIDGES, OIL WELL	Articles consisting of a casing of thin fibre, metal or other material containing only propellant which projects a hardened projectile to perforate an oil-well casing.
CARTRIDGES, POWER DEVICE	Articles designed to accomplish mechanical actions. They consist of a casing with a charge of deflagrating explosive and a means of ignition. The gaseous products of the deflagration produce inflation or linear or rotary motion or activate diaphragms, valves or switches or project fastening devices or extinguishing agents.
CARTRIDGES, SIGNAL	Articles designed to fire coloured flares or other signals from signal pistols, etc.
CARTRIDGES, SMALL ARMS	Ammunition consisting of a cartridge case fitted with a centre or rim fire primer and containing both a propelling charge and a solid projectile. They are designed to be fired in weapons of calibre not larger than 19.1 mm. Shotgun cartridges of any calibre are included in this description.
CARTRIDGES, SMALL ARMS, BLANK	See "CARTRIDGES FOR WEAPONS, BLANK"
CASES, CARTRIDGE, EMPTY, WITH PRIMER	Articles consisting of a cartridge case made from metal, plastics or other non-flammable material, in which the only explosive component is the primer.
CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	Articles consisting of cartridge cases made partly or entirely from nitrocellulose.
CHARGES, BURSTING, PLASTICS-BONDED	Articles consisting of a charge of detonating explosive, plastics-bonded, manufactured in a specific form without a casing and without means of initiation. They are designed as components of ammunition such as war-heads.
CHARGES, DEMOLITION	Articles containing a charge of a detonating explosive in a casing of fibreboard, plastics, metal or other material. The articles are without means of initiation or with means of initiation containing two or more effective protective features.

CHARGES, DEPTH	Articles consisting of a charge of detonating explosive contained in a drum or projectile without means of initiation containing two or more effective protective features. They are designed to detonate under water.
CHARGES, EXPLOSIVE, COMMERCIAL without detonator	Articles consisting of a charge of detonating explosive without means of initiation, used for explosive welding, jointing, forming and other metallurgical processes.
CHARGES, PROPELLING	Articles consisting of a propellant charge in any physical form, with or without a casing, for use as a component of rocket motors or for reducing the drag of projectiles.
CHARGES, PROPELLING, FOR CANNON	Articles consisting of a propellant charge in any physical form, with or without a casing, for use in a cannon.
CHARGES, SHAPED, FLEXIBLE, LINEAR	Articles consisting of a V-shaped core of a detonating explosive clad by a flexible sheath.
CHARGES, SHAPED without detonator	Articles consisting of a casing containing a charge of detonating explosive with a cavity lined with rigid material, without means of initiation. They are designed to produce a powerful, penetrating jet effect.
CHARGES, SUPPLEMENTARY, EXPLOSIVE	Articles consisting of a small removable booster used in the cavity of a projectile between the fuse and the bursting charge.
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	Articles containing an explosive designed to transmit the detonation or deflagration within an explosive train.
CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	Articles whose functioning depends upon reaction of their contents with water and/or pressure. Contact with water should be avoided during transport.
CORD (FUSE), DETONATING, MILD EFFECT metal-clad	Article consisting of a core of detonating explosive clad by a soft metal tube with or without protective covering. The quantity of explosive substance is so small that only a mild effect is manifested outside the cord.
CORD (FUSE), DETONATING metal-clad	Article consisting of a core of detonating explosive enclosed in spun fabric with plastics or other covering unless the spun fabric is sift-proof.
CORD, DETONATING flexible	Article consisting of a core of detonating explosive clad by a soft metal tube with or without protective covering.
CORD, IGNITER	Article consisting of textile yarns covered with black powder or another fast-burning pyrotechnic composition and of a flexible protective covering; or it consists of a core of black powder surrounded by a woven fabric. It burns progressively along its length with an external flame and is used to transmit ignition from a device to a charge or primer.
CUTTERS, CABLE, EXPLOSIVE	Articles consisting of a knife-edged device which is driven by a small charge of deflagrating explosive into an anvil.
DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	Non-electric detonators assembled with and activated by such means as safety fuse, shock tube, flash tube or detonating cord. They may be of instantaneous design or may incorporate delay elements. Detonating relays incorporating detonating cord are included.
DETONATORS FOR AMMUNITION	Articles consisting of a small metal or plastics tube containing explosives such as lead azide, PETN or combinations of explosives. They are designed to start the detonation train.
DETONATORS, ELECTRIC for blasting	Articles specially designed for the initiation of blasting explosives. These detonators may be constructed to detonate instantaneously or may contain a delay element. Electric detonators are activated by an electric current.

DETONATORS, NON-ELECTRIC for blasting	Articles specially designed for the initiation of blasting explosives. These detonators may be constructed to detonate instantaneously or may contain a delay element. Non-electric detonators are activated by such means as shock tube, flash tube, safety fuse, other igniferous device or flexible detonating cord. Detonating relays without detonating cord are included.
EXPLOSIVE, BLASTING, TYPE A	Substances consisting of liquid organic nitrates such as nitroglycerin or a mixture of such ingredients with one or more of the following: nitrocellulose; ammonium nitrate or other inorganic nitrates; aromatic nitro-derivatives, or combustible materials, such as wood-meal and aluminium powder. Such explosives should be in powdery, gelatinous or elastic form. The term includes dynamite gelatine, blasting and gelatine dynamites.
EXPLOSIVE, BLASTING, TYPE B	Substances consisting of (a) a mixture of ammonium nitrate or other inorganic nitrates with an explosive such as trinitrotoluene, with or without other substances such as wood-meal and aluminium powder, or (b) a mixture of ammonium nitrate or other inorganic nitrates with other combustible substances which are not explosive ingredients. Such explosives should not contain nitroglycerin, similar liquid organic nitrates, or chlorates.
EXPLOSIVE, BLASTING, TYPE C	Substances consisting of a mixture of either potassium or sodium chlorate or potassium, sodium or ammonium perchlorate with organic nitro-derivatives or combustible materials such as wood-meal or aluminium powder or a hydrocarbon. Such explosives should not contain nitroglycerin or similar liquid organic nitrates.
EXPLOSIVE, BLASTING, TYPE D	Substances consisting of a mixture of organic nitrated compounds and combustible materials such as hydrocarbons and aluminium powder. Such explosives should not contain nitroglycerin, similar liquid organic nitrates, chlorates or ammonium nitrate. The term generally includes plastic explosives.
EXPLOSIVE, BLASTING, TYPE E	Substances consisting of water as an essential ingredient and high proportions of ammonium nitrate or other oxidizers, some or all of which are in solution. The other constituents may include nitro-derivatives such as trinitrotoluene, hydrocarbons or aluminium powder. The term includes explosives, emulsion; explosives, slurry and explosives, water gel.
FIREWORKS	Pyrotechnic articles designed for entertainment.
FLARES, AERIAL	Articles containing pyrotechnic substances which are designed to be dropped from an aircraft to illuminate, identify, signal or warn. These articles may burn very rapidly and with intense heat.
FLARES, SURFACE	Articles containing pyrotechnic substances which are designed for use on the surface to illuminate, identify, signal or warn. These articles may burn very rapidly and with intense heat.
FRACTURING DEVICES, EXPLOSIVE for oil wells, without detonator	Articles consisting of a charge of detonating explosive contained in a casing without means of initiation. They are used to fracture the rock around a drill shaft to assist the flow of crude oil from the rock.
FUSE, IGNITER tubular, metal-clad	Article consisting of a metal tube with a core of deflagrating explosive.
FUSE, NON-DETONATING	Article consisting of cotton yarns impregnated with fine black powder. It burns with an external flame and is used in ignition trains for fireworks etc.

FUSE, SAFETY	Article consisting of a core of fine-grained black powder surrounded by a flexible woven fabric with one or more protective outer coverings. When ignited, it burns at a predetermined rate without any external explosive effect.
FUZES, DETONATING	Articles with explosive components designed to produce a detonation in ammunition. They incorporate mechanical, electrical, chemical or hydrostatic components to initiate the detonation. They generally incorporate protective features.
FUZES, DETONATING with protective features	Articles with explosive components designed to produce a detonation in ammunition. They incorporate mechanical, electrical, chemical or hydrostatic components to initiate the detonation. The detonating fuze must incorporate two or more effective protective features.
FUZES, IGNITING	Articles with explosive components designed to produce a deflagration in ammunition. They incorporate mechanical, electrical, chemical or hydrostatic components to start the deflagration. They generally incorporate protective features.
GRENADES hand or rifle, with bursting charge (1) (UN 0284 & UN 0285)	Articles which are designed to be thrown by hand or to be projected by a rifle. They are without means of initiation or with means of initiation containing two or more effective protective features.
GRENADES hand or rifle, with bursting charge (2) (UN 0292 & UN 0293)	Articles which are designed to be thrown by hand or to be projected by a rifle. They are with means of initiation not containing two or more effective protective features.
GRENADES, PRACTICE hand or rifle	Articles without a main bursting charge which are designed to be thrown by hand or to be projected by a rifle. They contain the priming device and may contain a spotting charge.
IGNITERS	Articles containing one or more explosive substances designed to produce a deflagration in an explosive train. They may be actuated chemically, electrically or mechanically. UN 0325 and UN 0454 include squibs.
JET PERFORATING GUNS, CHARGED oil well, without detonator	Articles consisting of a steel tube or metallic strip containing shaped charges connected by detonating cord, without means of initiation.
LIGHTERS, FUSE	Articles of various design actuated by friction, percussion or electricity and used to ignite safety fuse.
MINES with bursting charge (1) (UN 0136 & UN 0294)	Articles consisting normally of metal or composition receptacles filled with a detonating explosive, with means of initiation not containing two or more effective protective features. They are designed to be operated by the passage of ships, vehicles or personnel. The term includes bangalore torpedoes.
MINES with bursting charge (2) (UN 0137 & UN 0138)	Articles consisting normally of metal or composition receptacles filled with a detonating explosive, without means of initiation or with means of initiation containing two or more effective protective features. They are designed to be operated by the passage of ships, vehicles or personnel. The term includes bangalore torpedoes.
PRIMERS, CAP TYPE	Articles consisting of a metal or plastics cap containing a small amount of primary explosive mixture that is readily ignited by impact. They serve as igniting elements in small arms cartridges, and in percussion primers for propelling charges.
PRIMERS, TUBULAR	Articles consisting of a primer for ignition and an auxiliary charge of deflagrating explosive such as black powder, used to ignite the propelling charge in a cartridge case for cannon.

PROJECTILES inert, with tracer	Articles such as inert filled shells, solid shot or bullet containing a tracer which are projected from a cannon or other gun, rifle or other small arm.
PROJECTILES with burster or expelling charge (1) (UN 0346 & UN 0347)	Articles such as a shell or bullet which are projected from a cannon or other gun. They are without means of initiation or with means of initiation containing two or more effective protective features. They are used to scatter dyes for spotting or other inert materials.
PROJECTILES with burster or expelling charge (2) (UN 0426 & UN 0427)	Articles such as a shell or bullet which are projected from a cannon or other gun. They are with means of initiation not containing two or more effective protective features. They are used to scatter dyes for spotting or other inert materials.
PROJECTILES with burster or expelling charge (3) (UN 0434 & UN 0435)	Articles such as a shell or bullet which are projected from a cannon or other gun, rifle or other small arm and may have a fuse. They are used to scatter dyes for spotting or other inert materials.
PROJECTILES with bursting charge (1) (UN 0167 & UN 0324)	Articles such as a shell or bullet which are projected from a cannon or other gun. They are with means of initiation not containing two or more effective protective features.
PROJECTILES with bursting charge (2) (UN 0168, UN 0169 & UN 0344)	Articles such as a shell or bullet which are projected from a cannon or other gun. They are without means of initiation or with means of initiation containing two or more effective protective features.
RELEASE DEVICES, EXPLOSIVE	Articles consisting of a small charge of explosive with means of initiation and rods or links. They sever the rods or links to release equipment quickly.
RIVETS, EXPLOSIVE	Articles consisting of a small charge of explosive inside a metallic rivet.
ROCKET MOTORS	Articles containing a charge of explosive, generally a solid propellant. They are designed to propel a rocket or a guided missile.
ROCKET MOTORS, LIQUID FUELLED	Articles containing liquid fuel. They are designed to propel a rocket or a guided missile.
ROCKET MOTORS WITH HYPERGOLIC LIQUIDS, with or without an expelling charge	Articles containing a liquid fuel and a liquid oxidizer. They are designed to propel a rocket or a guided missile.
ROCKETS, LINE-THROWING	Articles consisting of a rocket motor which is designed to extend a line.
ROCKETS, LIQUID FUELLED with bursting charge	Articles containing liquid fuels for propulsion fitted with a warhead. The warhead may or may not have a means of initiation, which will generally have effective protective features. The term includes guided missiles.
ROCKETS with bursting charge (1) (UN 0180 & UN 0295)	Articles consisting of a rocket motor and a warhead with means of initiation not containing two or more effective protective features. The term includes guided missiles.
ROCKETS with bursting charge (2) (UN 0181 & UN 0182)	Articles consisting of a rocket motor and a warhead without means of initiation or with means of initiation containing two or more effective protective features. The term includes guided missiles.
ROCKETS with expelling charge	Articles consisting of a rocket motor and a charge to expel the payload from the rocket head. The term includes guided missiles.
ROCKETS with inert head	Articles consisting of a rocket motor and an inert head. The term includes guided missiles.
SIGNAL DEVICES, HAND	Portable and hand-held articles containing pyrotechnic substances which produce visual signals or warnings. They include small flares, railway fuses and small distress flares.

SIGNALS, DISTRESS, ship	Articles containing pyrotechnic substances designed to produce signals by means of sound, flame or smoke or any combinations thereof.
SIGNALS, RAILWAY TRACK, EXPLOSIVE	Articles containing a pyrotechnic substance which explodes with a loud report when the article is crushed. They are designed to be placed on a rail.
SIGNALS, SMOKE	Articles containing pyrotechnic substances which produce coloured smoke and, if with explosive sound unit, an audible signal.
SOUNDING DEVICES, EXPLOSIVE (1) (UN 0296 & UN 0204)	Articles consisting of a charge of detonating explosive, with means of initiation not containing two or more effective protective features. They are dropped from ships and function when they reach a predetermined depth or the sea-bed.
SOUNDING DEVICES, EXPLOSIVE (2) (UN 0374 & UN 0375)	Articles consisting of a charge of detonating explosive, without means of initiation or with means of initiation containing two or more effective protective features. They are dropped from ships and function when they reach a predetermined depth or the sea-bed.
TORPEDOES, LIQUID-FUELLED with inert head	Articles consisting of a liquid explosive system to propel the torpedo through the water, with an inert head.
TORPEDOES, LIQUID-FUELLED with or without bursting charge	Articles consisting of either a liquid explosive system to propel the torpedo through the water, with or without a warhead; or a liquid non-explosive system to propel the torpedo through the water, with a warhead. The warhead may or may not have a means of initiation; if fitted, it will generally have effective protective features.
TORPEDOES with bursting charge (1) (UN 0329)	Articles consisting of an explosive system to propel the torpedo through the water, and a warhead without means of initiation or with means of initiation containing two or more effective protective features.
TORPEDOES with bursting charge (2) (UN 0330)	Articles consisting of an explosive or non-explosive system to propel the torpedo through the water, and a warhead with means of initiation not containing two or more effective protective features.
TORPEDOES with bursting charge (3) (UN 0451)	Articles consisting of a non-explosive system to propel the torpedo through the water, and a warhead without means of initiation or with means of initiation containing two or more effective protective features.
TRACERS FOR AMMUNITION	Articles containing pyrotechnic substances, designed to reveal the trajectory of a projectile.
WARHEADS, ROCKET with burster or expelling charge (1) (UN 0370)	Articles consisting of an inert payload and a small charge of detonating or deflagrating explosive, without means of initiation or with means of initiation containing two or more effective protective features. They are designed to be fitted to a rocket motor to scatter inert material. The term includes warheads for guided missiles.
WARHEADS, ROCKET with burster or expelling charge (2) (UN 0371)	Articles consisting of an inert payload and a small charge of detonating or deflagrating explosive, with means of initiation not containing two or more effective protective features. They are designed to be fitted to a rocket motor to scatter inert material. The term includes warheads for guided missiles.
WARHEADS, ROCKET with bursting charge (1) (UN 0286 & UN 0287)	Articles consisting of detonating explosives, without means of initiation or with means of initiation containing two or more effective protective features. They are designed to be fitted to a rocket. The term includes warheads for guided missiles.

WARHEADS, ROCKET with bursting charge (2) (UN 0369)	Articles consisting of a detonating explosive, with means of initiation not containing two or more effective protective features. They are designed to be fitted to a rocket. The term includes warheads for guided missiles.
WARHEADS, TORPEDO with bursting charge	Articles consisting of detonating explosives, without means of initiation or with means of initiation containing two or more effective protective features. They are designed to be fitted to a torpedo.

APPENDIX B



INDEX

In this Index, the word “see”, after the name in the substance, material or article column, means that it is a synonym and for details regarding the transport provisions reference shall be made to the entry in the Dangerous Goods List (chapter 3.2) which is relevant to the UN Number/Proper Shipping Name stated against the synonym.

Method of indexing

Substances, materials and articles have been listed in the alphabetical order of their names. For the purpose of determining the alphabetical order, numbers and roman numerals (I), (II) etc. and the prefixes listed below have been disregarded, although they form an integral part of the name:

<i>N-</i>	<i>sym-</i>
<i>n-</i> or <i>normal-</i>	<i>uns-</i>
<i>sec-</i> or <i>secondary-</i>	<i>cis-</i>
<i>tert-</i> or <i>tertiary-</i>	<i>trans-</i>
<i>o-</i> or <i>ortho-</i>	<i>d-</i>
<i>m-</i> or <i>meta-</i>	<i>α-</i> or <i>alpha-</i>
<i>p-</i> or <i>para-</i>	<i>β-</i> or <i>beta-</i>
	<i>γ-</i> or <i>gamma-</i>

Note 1

Certain marine pollutants or severe marine pollutants are identified only in the Index. These marine pollutants or severe marine pollutants have not been assigned to an N.O.S. or generic entry. These marine pollutants or severe marine pollutants may possess properties of classes 1 to 8 and should be classified accordingly. A substance which does not fall within the criteria of these classes should be offered for transport as an ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., UN 3077, or as an ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., UN 3082, under these entries in class 9.

Substance, material or article	MP	Class	UN No.
ACETAL	–	3	1088
ACETALDEHYDE	–	3	1089
ACETALDEHYDE AMMONIA	–	9	1841
Acetaldehyde Diethyl Acetal, <i>see</i>	–	3	1088
ACETALDEHYDE OXIME	–	3	2332
Acetaldol, <i>see</i>	–	6.1	2839
<i>beta</i> -Acetaldoxime, <i>see</i>	–	3	2332
ACETIC ACID, GLACIAL	–	8	2789
ACETIC ACID SOLUTION more than 10% and less than 50% acid, by mass	–	8	2790
ACETIC ACID SOLUTION more than 80% acid, by mass	–	8	2789
ACETIC ACID SOLUTION not less than 50% but not more than 80% acid, by mass	–	8	2790
Acetic Aldehyde, <i>see</i>	–	3	1089
ACETIC ANHYDRIDE	–	8	1715
Acetic Oxide, <i>see</i>	–	8	1715
Acetoin, <i>see</i>	–	3	2621
ACETONE	–	3	1090
ACETONE CYANOHYDRIN, STABILIZED	P	6.1	1541
Acetone Hexafluoride, <i>see</i>	–	2.3	2420
ACETONE OILS	–	3	1091
ACETONE SOLUTIONS	–	3	1090
ACETONITRILE	–	3	1648
3-Acetoxypentene, <i>see</i>	–	3	2333
Acetylacetone, <i>see</i>	–	3	2310
Acetyl Acetone Peroxide (concentration $\leq 32\%$, as a paste, with diluent Type A, with or without water), <i>see</i>	–	5.2	3106
Acetyl Acetone Peroxide (concentration $\leq 42\%$, with diluent Type A and water, available oxygen $\leq 4.7\%$), <i>see</i>	–	5.2	3105
ACETYL BROMIDE	–	8	1716
ACETYL CHLORIDE	–	3	1717
Acetyl Cyclohexane-sulphonyl Peroxide (concentration $\leq 32\%$, with diluent Type B), <i>see</i>	–	5.2	3115
Acetyl Cyclohexane-sulphonyl Peroxide (concentration $\leq 82\%$, with water), <i>see</i>	–	5.2	3112
Acetylene Dichloride, <i>see</i>	–	3	1150
ACETYLENE, DISSOLVED	–	2.1	1001
Acetylene, Ethylene and Propylene Mixtures, Refrigerated Liquid, <i>see</i>	–	2.1	3138
ACETYLENE, SOLVENT FREE	–	2.1	3374
Acetylene Tetrabromide, <i>see</i>	P	6.1	2504
Acetylene Tetrachloride, <i>see</i>	P	6.1	1702
ACETYL IODIDE	–	8	1898
Acetyl Ketene, Stabilized, <i>see</i>	–	6.1	2521
ACETYL METHYL CARBINOL	–	3	2621
Acid Butyl Phosphate, <i>see</i>	–	8	1718
Acid Mixture, Hydrofluoric and Sulphuric, <i>see</i>	–	8	1786
Acid Mixture, Nitrating Acid, <i>see</i>	–	8	1796
Acid Mixture, Spent, Nitrating Acid, <i>see</i>	–	8	1826
Acraldehyde, Stabilized, <i>see</i>	P	6.1	1092
ACRIDINE	–	6.1	2713

Substance, material or article	MP	Class	UN No.
Acroleic Acid, Stabilized, <i>see</i>	–	8	2218
Acrolein Diethyl Acetal, <i>see</i>	–	3	2374
ACROLEIN DIMER, STABILIZED	–	3	2607
ACROLEIN, STABILIZED	P	6.1	1092
ACRYLAMIDE, SOLID	–	6.1	2074
ACRYLAMIDE SOLUTION	–	6.1	3426
Acrylic Acid Isobutyl Ester, Stabilized, <i>see</i>	–	3	2527
ACRYLIC ACID, STABILIZED	–	8	2218
Acrylic Aldehyde, Stabilized, <i>see</i>	P	6.1	1092
ACRYLONITRILE, STABILIZED	–	3	1093
Actinolite, <i>see</i>	–	9	2590
Activated Carbon, <i>see</i>	–	4.2	1362
Activated Charcoal, <i>see</i>	–	4.2	1362
ADHESIVES containing flammable liquid	●	3	1133
ADIPONITRILE	–	6.1	2205
Aeroplane flares, <i>see</i> FLARES, AERIAL	–	–	–
AEROSOLS	●	2	1950
AGENT, BLASTING, TYPE B	–	1.5D	0331
AGENT, BLASTING, TYPE E	–	1.5D	0332
AIR BAG INFLATORS	–	1.4G	0503
AIR BAG INFLATORS	–	9	3268
AIR BAG MODULES	–	1.4G	0503
AIR BAG MODULES	–	9	3268
AIR, COMPRESSED	–	2.2	1002
AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK (containing a mixture of anhydrous hydrazine and methylhydrazine)	–	3	3165
AIR, REFRIGERATED LIQUID	–	2.2	1003
Alcohol, <i>see</i>	–	3	1170
ALCOHOLATES SOLUTION, N.O.S. in alcohol	●	3	3274
Alcohol C ₁₂ –C ₁₆ Poly(1–6)ethoxylate, <i>see</i>	P	9	3082
Alcohol C ₆ –C ₁₇ (secondary) Poly(3–6)ethoxylate, <i>see</i>	P	9	3082
Alcohol, Denatured, <i>see</i>	–	3	1170
Alcohol, Denatured Solutions, <i>see</i>	–	3	1170
ALCOHOLIC BEVERAGES with more than 24% but not more than 70% alcohol by volume	–	3	3065
ALCOHOLIC BEVERAGES with more than 70% alcohol by volume	–	3	3065
Alcohol, Industrial, <i>see</i>	–	3	1170
Alcohol, Industrial Solutions, <i>see</i>	–	3	1170
ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	●	3	1986
ALCOHOLS, N.O.S.	●	3	1987
Alcohol Solutions, <i>see</i>	–	3	1170
ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	●	3	1988
ALDEHYDES, N.O.S.	●	3	1989
Aldicarb, <i>see</i> CARBAMATE PESTICIDES	P	–	–
ALDOL	–	6.1	2839
Aldrin, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	–	–
ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	●	4.2	3206
ALKALI METAL ALLOY, LIQUID, N.O.S.	●	4.3	1421

Substance, material or article	MP	Class	UN No.
ALKALI METAL AMALGAM, LIQUID	●	4.3	1389
ALKALI METAL AMALGAM, SOLID	●	4.3	3401
ALKALI METAL AMIDE	–	4.3	1390
ALKALI METAL DISPERSION	–	4.3	1391
Alkaline Caustic Liquid, N.O.S., <i>see</i>	●	8	1719
ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	●	4.2	3205
ALKALINE EARTH METAL ALLOY, N.O.S.	●	4.3	1393
ALKALINE EARTH METAL AMALGAM, LIQUID	●	4.3	1392
ALKALINE EARTH METAL AMALGAM, SOLID	●	4.3	3402
ALKALINE EARTH METAL DISPERSION	–	4.3	1391
Alkaloids and Alkaloid Salts (pesticides), <i>see</i> PESTICIDE, N.O.S.	–	–	–
ALKALOIDS, LIQUID, N.O.S.	●	6.1	3140
ALKALOIDS SALTS, LIQUID, N.O.S.	●	6.1	3140
ALKALOIDS SALTS, SOLID, N.O.S.	●	6.1	1544
ALKALOIDS, SOLID, N.O.S.	●	6.1	1544
Alkyl(C ₁₂ –C ₁₄)dimethylamine, <i>see</i> Note 1	P	–	–
Alkyl (C ₇ –C ₉) Nitrates, <i>see</i> Note 1	P	–	–
Alkylbenzenesulphonates, branched and straight chain (excluding C ₁₁ –C ₁₃ branched and straight chain homologues), <i>see</i>	P	9	3082
ALKYLPHENOLS, LIQUID, N.O.S. (including C ₂ –C ₁₂ homologues)	●	8	3145
ALKYLPHENOLS, SOLID, N.O.S. (including C ₂ –C ₁₂ homologues)	●	8	2430
ALKYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	–	8	2584
ALKYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	–	8	2586
ALKYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	–	8	2583
ALKYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	–	8	2585
ALKYLSULPHURIC ACIDS	–	8	2571
Allene, Stabilized, <i>see</i>	–	2.1	2200
Allidochlor, <i>see</i> PESTICIDE, N.O.S.	–	–	–
ALLYL ACETATE	–	3	2333
ALLYL ALCOHOL	–	6.1	1098
ALLYLAMINE	–	6.1	2334
ALLYL BROMIDE	P	3	1099
ALLYL CHLORIDE	–	3	1100
Allyl Chlorocarbonate, <i>see</i>	–	6.1	1722
ALLYL CHLOROFORMATE	–	6.1	1722
ALLYL ETHYL ETHER	–	3	2335
ALLYL FORMATE	–	3	2336
ALLYL GLYCIDYL ETHER	–	3	2219
ALLYL IODIDE	–	3	1723
ALLYL ISOTHIOCYANATE, STABILIZED	–	6.1	1545
Allyl Mustard Oil, Stabilized, <i>see</i>	–	6.1	1545
ALLYLTRICHLOROSILANE, STABILIZED	–	8	1724
ALUMINIUM BOROHYDRIDE	–	4.2	2870
ALUMINIUM BOROHYDRIDE IN DEVICES	–	4.2	2870
ALUMINIUM BROMIDE, ANHYDROUS	–	8	1725

Substance, material or article	MP	Class	UN No.
ALUMINIUM BROMIDE SOLUTION	–	8	2580
ALUMINIUM CARBIDE	–	4.3	1394
ALUMINIUM CHLORIDE, ANHYDROUS	–	8	1726
ALUMINIUM CHLORIDE SOLUTION	–	8	2581
Aluminium Dross, <i>see</i>	–	4.3	3170
ALUMINIUM FERROSILICON POWDER	–	4.3	1395
ALUMINIUM HYDRIDE	–	4.3	2463
ALUMINIUM NITRATE	–	5.1	1438
ALUMINIUM PHOSPHIDE	–	4.3	1397
ALUMINIUM PHOSPHIDE PESTICIDE	–	6.1	3048
ALUMINIUM POWDER, COATED	–	4.1	1309
Aluminium Powder, Pyrophoric, <i>see</i>	●	4.2	1383
ALUMINIUM POWDER, UNCOATED	–	4.3	1396
ALUMINIUM REMELTING BY-PRODUCTS	–	4.3	3170
Aluminium Residues, <i>see</i>	–	4.3	3170
ALUMINIUM RESINATE	–	4.1	2715
ALUMINIUM SILICON POWDER, UNCOATED	–	4.3	1398
Aluminium Skimmings, <i>see</i>	–	4.3	3170
ALUMINIUM SMELTING BY-PRODUCTS	–	4.3	3170
Amatols, <i>see</i> EXPLOSIVE, BLASTING, TYPE B	–	–	–
AMINES, FLAMMABLE, CORROSIVE, N.O.S.	●	3	2733
AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	●	8	2734
AMINES, LIQUID, CORROSIVE, N.O.S.	●	8	2735
AMINES, SOLID, CORROSIVE, N.O.S.	●	8	3259
1-Amino-3-aminomethyl-3,5,5-trimethylcyclohexane, <i>see</i>	–	8	2289
<i>ortho</i> -Aminoanisole, <i>see</i>	–	6.1	2431
Aminobenzene, <i>see</i>	–	6.1	1547
2-Aminobenzotrifluoride, <i>see</i>	–	6.1	2942
3-Aminobenzotrifluoride, <i>see</i>	–	6.1	2948
1-Aminobutane, <i>see</i>	–	3	1125
Aminocarb, <i>see</i> CARBAMATE PESTICIDE	P	–	–
2-AMINO-4-CHLOROPHENOL	–	6.1	2673
Aminocyclohexane, <i>see</i>	–	8	2357
2-AMINO-5-DIETHYLAMINOPENTANE	–	6.1	2946
Aminodimethylbenzenes, Liquid, <i>see</i>	–	6.1	1711
Aminodimethylbenzenes, Solid, <i>see</i>	–	6.1	3452
2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water by mass	–	4.1	3317
Aminoethane, <i>see</i>	–	2.1	1036
Aminoethane, Aqueous Solution, <i>see</i>	–	3	2270
1-Aminoethanol, <i>see</i>	–	9	1841
2-Aminoethanol, <i>see</i>	–	8	2491
2-(2-AMINOETHOXY)ETHANOL	–	8	3055
N-AMINOETHYLPIPERAZINE	–	8	2815
Aminomethane, Anhydrous, <i>see</i>	–	2.1	1061
Aminomethane, Aqueous Solution, <i>see</i>	–	3	1235
1-Amino-2-methylpropane, <i>see</i>	–	3	1214
3-Aminomethyl-3,5,5-trimethylcyclohexylamine, <i>see</i>	–	8	2289
1-Amino-2-nitrobenzene, <i>see</i>	–	6.1	1661

Substance, material or article	MP	Class	UN No.
1-Amino-3-nitrobenzene, <i>see</i>	–	6.1	1661
1-Amino-4-nitrobenzene, <i>see</i>	–	6.1	1661
Aminophenetholes, <i>see</i>	–	6.1	2311
AMINOPHENOLS (<i>o</i> -, <i>m</i> -, <i>p</i> -)	–	6.1	2512
1-Aminopropane, <i>see</i>	–	3	1277
2-Aminopropane, <i>see</i>	–	3	1221
3-Aminopropene, <i>see</i>	–	6.1	2334
AMINOPYRIDINES	–	6.1	2671
Aminosulphonic Acid, <i>see</i>	–	8	2967
AMMONIA, ANHYDROUS	–	2.3	1005
AMMONIA SOLUTION relative density between 0.880 and 0.957 at 15°C in water, with more than 10% but not more than 35% ammonia, by mass	–	8	2672
AMMONIA SOLUTION relative density less than 0.880 at 15°C in water, with more than 35% but not more than 50% ammonia	–	2.2	2073
AMMONIA SOLUTION relative density less than 0.880 at 15°C in water, with more than 50% ammonia	–	2.3	3318
Ammonium Acid Fluoride, Solid, <i>see</i>	–	8	1727
Ammonium Acid Fluoride Solution, <i>see</i>	–	8	2817
AMMONIUM ARSENATE	–	6.1	1546
Ammonium Bichromate, <i>see</i>	–	5.1	1439
Ammonium Bifluoride, Solid, <i>see</i>	–	8	1727
Ammonium Bifluoride Solution, <i>see</i>	–	8	2817
Ammonium Bisulphate, <i>see</i>	–	8	2506
Ammonium Bisulphite Solution, <i>see</i>	●	8	2693
Ammonium Bromate (transport prohibited)	–	–	–
Ammonium Bromate Solution (transport prohibited)	–	–	–
Ammonium Chlorate (transport prohibited)	–	–	–
Ammonium Chlorate Solution (transport prohibited)	–	–	–
Ammonium Chlorite (transport prohibited)	–	–	–
AMMONIUM DICHROMATE	–	5.1	1439
AMMONIUM DINITRO- <i>o</i> -CRESOLATE, SOLID	P	6.1	1843
AMMONIUM DINITRO- <i>o</i> -CRESOLATE SOLUTION	P	6.1	3424
AMMONIUM FLUORIDE	–	6.1	2505
AMMONIUM FLUROSILICATE	–	6.1	2854
Ammonium Hexafluorosilicate, <i>see</i>	–	6.1	2854
AMMONIUM HYDROGENDIFLUORIDE, SOLID	–	8	1727
AMMONIUM HYDROGENDIFLUORIDE SOLUTION	–	8	2817
AMMONIUM HYDROGEN SULPHATE	–	8	2506
Ammonium Hypochlorite (transport prohibited)	–	–	–
AMMONIUM METAVANADATE	–	6.1	2859
AMMONIUM NITRATE BASED FERTILIZER	–	5.1	2067
AMMONIUM NITRATE BASED FERTILIZER	–	9	2071
AMMONIUM NITRATE EMULSION intermediate for blasting explosives	–	5.1	3375
AMMONIUM NITRATE GEL intermediate for blasting explosives	–	5.1	3375
AMMONIUM NITRATE liable to self-heating sufficient to initiate decomposition (transport prohibited)	–	–	–
AMMONIUM NITRATE, LIQUID (hot concentrated solution)	–	5.1	2426
AMMONIUM NITRATE SUSPENSION intermediate for blasting explosives	–	5.1	3375

Substance, material or article	MP	Class	UN No.
AMMONIUM NITRATE with more than 0.2% by mass of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	–	1.1D	0222
AMMONIUM NITRATE with not more than 0.2% total combustible material, including any organic substance calculated as carbon to the exclusion of any other added substance	–	5.1	1942
Ammonium Nitrite (transport prohibited)	–	–	–
Ammonium Nitrites and mixtures of an inorganic nitrite with an ammonium salt (transport prohibited)	–	–	–
AMMONIUM PERCHLORATE	–	1.1D	0402
AMMONIUM PERCHLORATE	–	5.1	1442
Ammonium Permanganate (transport prohibited)	–	–	–
Ammonium Permanganate Solution (transport prohibited)	–	–	–
AMMONIUM PERSULPHATE	–	5.1	1444
AMMONIUM PICRATE dry or wetted with less than 10% water, by mass	–	1.1D	0004
AMMONIUM PICRATE, WETTED with not less than 10% water, by mass	–	4.1	1310
AMMONIUM POLYSULPHIDE SOLUTION	–	8	2818
AMMONIUM POLYVANADATE	–	6.1	2861
Ammonium Silicofluoride, see	–	6.1	2854
AMMONIUM SULPHIDE SOLUTION	–	8	2683
Ammonium Vanadate, see	–	6.1	2859
Ammunition, Blank, see CARTRIDGES FOR WEAPONS, BLANK	–	–	–
Ammunition, fixed, semi-fixed or separate loading, see CARTRIDGES FOR WEAPONS with bursting charge	–	–	–
AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	–	1.2G	0171
AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	–	1.3G	0254
AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	–	1.4G	0297
Ammunition, Incendiary (water-activated contrivances) with burster, expelling charge or propelling charge, see CONTRIVANCES, WATER-ACTIVATED	–	–	–
AMMUNITION, INCENDIARY liquid or gel, with burster, expelling charge or propelling charge	–	1.3J	0247
AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	–	1.2H	0243
AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	–	1.3H	0244
AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	–	1.2G	0009
AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	–	1.3G	0010
AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	–	1.4G	0300
Ammunition, Industrial, see CARTRIDGES, OIL WELL and CARTRIDGES, POWER DEVICE	–	–	–
Ammunition, Lachrymatory, see AMMUNITION, TEAR-PRODUCING	–	–	–
AMMUNITION, PRACTICE	–	1.3G	0488
AMMUNITION, PRACTICE	–	1.4G	0362
AMMUNITION, PROOF	–	1.4G	0363

Substance, material or article	MP	Class	UN No.
Ammunition, Smoke (water-activated contrivances), <i>see</i> CONTRIVANCES, WATER-ACTIVATED	–	–	–
AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	–	1.2H	0245
AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	–	1.3H	0246
AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	–	1.2G	0015
AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	–	1.3G	0016
AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	–	1.4G	0303
Ammunition, Sporting, <i>see</i> CARTRIDGES FOR WEAPONS, INERT PROJECTILES	–	–	–
AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	–	6.1	2017
AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	–	1.2G	0018
AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	–	1.3G	0019
AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	–	1.4G	0301
AMMUNITION, TOXIC, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	–	6.1	2016
AMMUNITION, TOXIC with burster, expelling charge or propelling charge	–	1.2K	0020
AMMUNITION, TOXIC with burster, expelling charge or propelling charge	–	1.3K	0021
Amorces, <i>see</i> FIREWORKS	–	–	–
Amosite, <i>see</i>	–	9	2212
AMYL ACETATES	–	3	1104
AMYL ACID PHOSPHATE	–	8	2819
Amyl Alcohols, <i>see</i>	–	3	1105
Amyl Aldehyde, <i>see</i>	–	3	2058
AMYLAMINES	–	3	1106
<i>n</i> -Amylbenzene, <i>see</i> Note 1	P	–	–
<i>secondary</i> -Amyl Bromide, <i>see</i>	–	3	2343
AMYL BUTYRATES	–	3	2620
Amyl Carbinol, <i>see</i>	–	3	2282
AMYL CHLORIDES	–	3	1107
<i>n</i> -AMYLENE	–	3	1108
AMYL FORMATES	–	3	1109
<i>tert</i> -Amyl Hydroperoxide (concentration $\leq 88\%$, with diluent Type A and water), <i>see</i>	–	5.2	3107
<i>tertiary</i> -Amyl Mercaptan, <i>see</i>	–	3	1111
<i>normal</i> -Amyl Mercaptan, <i>see</i>	–	3	1111
AMYL MERCAPTANS	–	3	1111
AMYL METHYL KETONE	–	3	1110
AMYL NITRATES	–	3	1112
AMYL NITRITE	–	3	1113
<i>normal</i> -Amyl Nitrite, <i>see</i>	–	3	1113
<i>tert</i> -Amyl Peroxyacetate (concentration 62%, with diluent Type A), <i>see</i>	–	5.2	3105
<i>tert</i> -Amyl Peroxybenzoate (concentration $\leq 100\%$), <i>see</i>	–	5.2	3103

Substance, material or article	MP	Class	UN No.
<i>tert</i> -Amyl Peroxy-2-ethylhexanoate (concentration ≤ 100%), <i>see</i>	–	5.2	3115
<i>tert</i> -Amyl Peroxy-2-ethylhexyl Carbonate (concentration ≤ 100%), <i>see</i>	–	5.2	3105
<i>tert</i> -Amyl Peroxyisopropyl Carbonate (concentration ≤ 77%, with diluent Type A), <i>see</i>	–	5.2	3103
<i>tert</i> -Amyl Peroxyneodecanoate (concentration ≤ 77% with diluent Type B), <i>see</i>	–	5.2	3115
<i>tert</i> -Amyl Peroxypivalate (concentration ≤ 77%, with diluent Type B), <i>see</i>	–	5.2	3113
<i>tert</i> -Amyl Peroxy-3,5,5-trimethylhexanoate (concentration ≤ 100%), <i>see</i>	–	5.2	3101
AMYLTRICHLOROSILANE	–	8	1728
ANILINE	–	6.1	1547
Aniline Chloride, <i>see</i>	–	6.1	1548
ANILINE HYDROCHLORIDE	–	6.1	1548
Aniline Oil, <i>see</i>	–	6.1	1547
Aniline Salt, <i>see</i>	–	6.1	1548
Animal Fabrics, Oily, <i>see</i>	●	4.2	1373
Animal Fibres, burnt, wet or damp, <i>see</i>	–	4.2	1372
Animal Fibres, Oily, <i>see</i>	●	4.2	1373
<i>ortho</i> -ANISIDINE	–	6.1	2431
ANISOLE	–	3	2222
ANISOYL CHLORIDE	–	8	1729
Anthophyllite, <i>see</i>	–	9	2590
Antimony Chloride, Liquid, <i>see</i>	–	8	1733
Antimony Chloride, Solid, <i>see</i>	–	8	1733
ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.	–	6.1	3141
ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.	–	6.1	1549
Antimony Hydride, <i>see</i>	–	2.3	2676
ANTIMONY LACTATE	–	6.1	1550
Antimony (III) Lactate, <i>see</i>	–	6.1	1550
ANTIMONY PENTACHLORIDE, LIQUID	–	8	1730
ANTIMONY PENTACHLORIDE SOLUTION	–	8	1731
ANTIMONY PENTAFLUORIDE	–	8	1732
Antimony Perchloride, Liquid, <i>see</i>	–	8	1730
Antimony Perchloride Solution, <i>see</i>	–	8	1731
ANTIMONY POTASSIUM TARTRATE	–	6.1	1551
ANTIMONY POWDER	–	6.1	2871
ANTIMONY TRICHLORIDE	–	8	1733
Antimony Trihydride, <i>see</i>	–	2.3	2676
A.n.t.u., <i>see also</i> PESTICIDE, N.O.S.	–	6.1	1651
Aqua Regia, <i>see</i>	–	8	1798
ARGON, COMPRESSED	–	2.2	1006
ARGON, REFRIGERATED LIQUID	–	2.2	1951
Arsenates, Liquid, N.O.S., Inorganic, <i>see</i>	●	6.1	1556
Arsenates, Solid, N.O.S., Inorganic, <i>see</i>	●	6.1	1557
ARSENIC	–	6.1	1558
ARSENIC ACID, LIQUID	–	6.1	1553
ARSENIC ACID, SOLID	–	6.1	1554
ARSENICAL DUST	–	6.1	1562
Arsenical Flue Dust, <i>see</i>	–	6.1	1562

Substance, material or article	MP	Class	UN No.
ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	•	3	2760
ARSENICAL PESTICIDE, LIQUID, TOXIC	•	6.1	2994
ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	•	6.1	2993
ARSENICAL PESTICIDE, SOLID, TOXIC	•	6.1	2759
ARSENIC BROMIDE	–	6.1	1555
Arsenic (III) Bromide, <i>see</i>	–	6.1	1555
Arsenic Chloride, <i>see</i>	–	6.1	1560
ARSENIC COMPOUND, LIQUID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.	•	6.1	1556
Arsenic Compounds (pesticides), <i>see</i> ARSENICAL PESTICIDE	–	–	–
ARSENIC COMPOUND, SOLID, N.O.S. inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s., and Arsenic sulphides, n.o.s.	•	6.1	1557
Arsenic Hydride, <i>see</i>	–	2.3	2188
Arsenic (III) Oxide, <i>see</i>	–	6.1	1561
Arsenic (V) Oxide, <i>see</i>	–	6.1	1559
ARSENIC PENTOXIDE	–	6.1	1559
Arsenic Sulphides, Liquid, N.O.S., Inorganic, <i>see</i>	•	6.1	1556
Arsenic Sulphides, Solid, N.O.S., Inorganic, <i>see</i>	•	6.1	1557
Arsenic Tribromide, <i>see</i>	–	6.1	1555
ARSENIC TRICHLORIDE	–	6.1	1560
ARSENIC TRIOXIDE	–	6.1	1561
Arsenious Chloride, <i>see</i>	–	6.1	1560
Arsenites, Liquid, N.O.S., Inorganic, <i>see</i>	•	6.1	1556
Arsenites, Solid, N.O.S., Inorganic, <i>see</i>	•	6.1	1557
Arsenous Bromide, <i>see</i>	–	6.1	1555
Arsenous Chloride, <i>see</i>	–	6.1	1560
ARSINE	–	2.3	2188
ARTICLES, EEI	–	1.6N	0486
ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE	–	1.6N	0486
ARTICLES, EXPLOSIVE, N.O.S.	–	1.1C	0462
ARTICLES, EXPLOSIVE, N.O.S.	–	1.1D	0463
ARTICLES, EXPLOSIVE, N.O.S.	–	1.1E	0464
ARTICLES, EXPLOSIVE, N.O.S.	–	1.1F	0465
ARTICLES, EXPLOSIVE, N.O.S.	–	1.1L	0354
ARTICLES, EXPLOSIVE, N.O.S.	–	1.2C	0466
ARTICLES, EXPLOSIVE, N.O.S.	–	1.2D	0467
ARTICLES, EXPLOSIVE, N.O.S.	–	1.2E	0468
ARTICLES, EXPLOSIVE, N.O.S.	–	1.2F	0469
ARTICLES, EXPLOSIVE, N.O.S.	–	1.2L	0355
ARTICLES, EXPLOSIVE, N.O.S.	–	1.3C	0470
ARTICLES, EXPLOSIVE, N.O.S.	–	1.3L	0356
ARTICLES, EXPLOSIVE, N.O.S.	–	1.4B	0350
ARTICLES, EXPLOSIVE, N.O.S.	–	1.4C	0351
ARTICLES, EXPLOSIVE, N.O.S.	–	1.4D	0352
ARTICLES, EXPLOSIVE, N.O.S.	–	1.4E	0471
ARTICLES, EXPLOSIVE, N.O.S.	–	1.4F	0472
ARTICLES, EXPLOSIVE, N.O.S.	–	1.4G	0353

Substance, material or article	MP	Class	UN No.
ARTICLES, EXPLOSIVE, N.O.S.	–	1.4S	0349
ARTICLES, PRESSURIZED, HYDRAULIC (containing non-flammable gas)	•	2.2	3164
ARTICLES, PRESSURIZED, PNEUMATIC (containing non-flammable gas)	•	2.2	3164
ARTICLES, PYROPHORIC	–	1.2L	0380
ARTICLES, PYROTECHNIC for technical purposes	–	1.1G	0428
ARTICLES, PYROTECHNIC for technical purposes	–	1.2G	0429
ARTICLES, PYROTECHNIC for technical purposes	–	1.3G	0430
ARTICLES, PYROTECHNIC for technical purposes	–	1.4G	0431
ARTICLES, PYROTECHNIC for technical purposes	–	1.4S	0432
ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	–	8	2584
ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	–	8	2586
ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	–	8	2583
ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	–	8	2585
Asbestos, <i>see</i> BLUE ASBESTOS	–	9	2212
Asbestos, <i>see</i> BROWN ASBESTOS	–	9	2212
Asbestos, <i>see</i> WHITE ASBESTOS	–	9	2590
Asphalt, <i>see</i>	•	3	1999
Aviation Gasoline, <i>see</i>	–	3	1863
AVIATION REGULATED LIQUID, N.O.S.	–	9	3334
AVIATION REGULATED SOLID, N.O.S.	–	9	3335
Azinphos-ethyl, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Azinphos-methyl, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Aziridine, Stabilized, <i>see</i>	–	6.1	1185
1,1'-Azodi(hexahydrobenzonitrile) (concentration 100%), <i>see</i>	–	4.1	3226
2,2'-Azodi(isobutyronitrile) (concentration 100%), <i>see</i>	–	4.1	3234
2,2'-Azodi(isobutyronitrile), as a water-based paste (concentration ≤ 50%), <i>see</i>	–	4.1	3224
AZODICARBONAMIDE	–	4.1	3242
Azodicarbonamide Formulation Type B (concentration < 100%), <i>see</i>	–	4.1	3232
Azodicarbonamide Formulation Type C (concentration < 100%), <i>see</i>	–	4.1	3224
Azodicarbonamide Formulation Type C (concentration < 100%), temperature controlled, <i>see</i>	–	4.1	3234
Azodicarbonamide Formulation Type D (concentration < 100%), <i>see</i>	–	4.1	3226
Azodicarbonamide Formulation Type D (concentration < 100%), temperature controlled, <i>see</i>	–	4.1	3236
2,2'-Azodi(2,4-dimethyl-4-methoxyvaleronitrile) (concentration 100%), <i>see</i>	–	4.1	3236
2,2'-Azodi(2,4-dimethylvaleronitrile) (concentration 100%), <i>see</i>	–	4.1	3236
2,2'-Azodi(ethyl 2-methyl-propionate) (concentration 100%), <i>see</i>	–	4.1	3235
2,2'-Azodi(2-methylbutyronitrile) (concentration 100%), <i>see</i>	–	4.1	3236
Bag Charges, <i>see</i> CHARGES, PROPELLING, FOR CANNON	–	–	–
Ballistite, <i>see</i> POWDER, SMOKELESS	–	–	–
Bangalore Torpedoes, <i>see</i> MINES, WITH BURSTING CHARGE	–	–	–

Substance, material or article	MP	Class	UN No.
BARIUM	–	4.3	1400
Barium Alloys, non-pyrophoric, <i>see</i>	●	4.3	1393
BARIUM ALLOYS, PYROPHORIC	●	4.2	1854
Barium Amalgams, <i>see</i>	●	4.3	1392
BARIUM AZIDE, dry or wetted with less than 50% water, by mass	–	1.1A	0224
BARIUM AZIDE, WETTED with not less than 50% water, by mass	–	4.1	1571
BARIUM BROMATE	–	5.1	2719
BARIUM CHLORATE, SOLID	–	5.1	1445
BARIUM CHLORATE SOLUTION	–	5.1	3405
BARIUM COMPOUND, N.O.S.	●	6.1	1564
BARIUM CYANIDE	P	6.1	1565
Barium Dispersions, <i>see</i>	–	4.3	1391
BARIUM HYPOCHLORITE with more than 22% available chlorine	–	5.1	2741
Barium Monoxide, <i>see</i>	–	6.1	1884
BARIUM NITRATE	–	5.1	1446
BARIUM OXIDE	–	6.1	1884
BARIUM PERCHLORATE, SOLID	–	5.1	1447
BARIUM PERCHLORATE SOLUTION	–	5.1	3406
BARIUM PERMANGANATE	–	5.1	1448
BARIUM PEROXIDE	–	5.1	1449
Barium Powder, Pyrophoric, <i>see</i>	●	4.2	1383
Batteries, containing Lithium, <i>see</i>	–	9	3090
BATTERIES, CONTAINING SODIUM	–	4.3	3292
BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID electric storage	–	8	3028
BATTERIES, WET, FILLED WITH ACID electric storage	–	8	2794
BATTERIES, WET, FILLED WITH ALKALI electric storage	–	8	2795
BATTERIES, WET, NON-SPILLABLE electric storage	–	8	2800
Battery Acid, <i>see</i>	–	8	2796
BATTERY FLUID, ACID	–	8	2796
BATTERY FLUID, ALKALI	–	8	2797
Battery, Lithium, <i>see</i>	–	9	3090
Bendiocarb, <i>see</i> CARBAMATE PESTICIDE	P	–	–
Benfuracarb, <i>see</i> CARBAMATE PESTICIDE	–	–	–
Benomyl, <i>see</i> Note 1	P	–	–
Benquinox, <i>see</i> PESTICIDE, N.O.S.	P	–	–
Benzal Chloride, <i>see</i>	–	6.1	1886
BENZALDEHYDE	–	9	1990
BENZENE	–	3	1114
1,3-Benzenediol, <i>see</i>	–	6.1	2876
Benzene-1,3-disulphonylhydrazide, as a paste (concentration 52%), <i>see</i>	–	4.1	3226
Benzene Phosphorus Dichloride, <i>see</i>	–	8	2798
Benzene Phosphorus Thiochloride, <i>see</i>	–	8	2799
BENZENESULPHONYL CHLORIDE	–	8	2225
Benzene Sulphonylhydrazide (concentration 100%), <i>see</i>	–	4.1	3226
Benzenethiol, <i>see</i>	–	6.1	2337
Benzhydryl Bromide, <i>see</i>	–	8	1770

Substance, material or article	MP	Class	UN No.
BENZIDINE	–	6.1	1885
Benzol, <i>see</i>	–	3	1114
Benzolene, <i>see</i>	–	3	1268
BENZONITRILE	–	6.1	2224
BENZOQUINONE	–	6.1	2587
Benzosulphochloride, <i>see</i>	–	8	2225
BENZOTRICHLORIDE	–	8	2226
BENZOTRIFLUORIDE	–	3	2338
BENZOYL CHLORIDE	–	8	1736
BENZYL BROMIDE	–	6.1	1737
BENZYL CHLORIDE	–	6.1	1738
Benzyl Chlorocarbonate, <i>see</i>	P	8	1739
BENZYL CHLOROFORMATE	P	8	1739
Benzyl Cyanide, <i>see</i>	–	6.1	2470
Benzyl Dichloride, <i>see</i>	–	6.1	1886
BENZYLDIMETHYLAMINE	–	8	2619
4-(Benzyl(ethyl)amino)-3-ethoxybenzenediazonium Zinc Chloride (concentration 100%), <i>see</i>	–	4.1	3226
BENZYLIDENE CHLORIDE	–	6.1	1886
BENZYL IODIDE	–	6.1	2653
4-[Benzyl(methyl)amino]-3-ethoxybenzenediazonium Zinc Chloride (concentration 100%), <i>see</i>	–	4.1	3236
BERYLLIUM COMPOUND, N.O.S.	–	6.1	1566
BERYLLIUM NITRATE	–	5.1	2464
BERYLLIUM POWDER	–	6.1	1567
<i>gamma</i> -Bhc, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	–	–
BHUSA	–	4.1	1327
Bichloroacetic Acid, <i>see</i>	–	8	1764
BICYCLO[2.2.1]HEPTA-2,5-DIENE, STABILIZED	–	3	2251
Bifluorides, N.O.S., <i>see</i>	•	8	1740
Binapacryl, <i>see</i> SUBSTITUTED NITROPHENOL PESTICIDE	PP	–	–
BIOLOGICAL SUBSTANCE, CATEGORY B	–	6.2	3373
BIOMEDICAL WASTE	–	6.2	3291
(BIO)MEDICAL WASTE, N.O.S.	–	6.2	3291
BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	•	3	2782
BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	•	6.1	3016
BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	•	6.1	3015
BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	•	6.1	2781
Bis-, <i>see</i> Di-	–	–	–
<i>N,N</i> -Bis(2-hydroxyethyl)oleamide (loa), <i>see</i> Note 1	–	–	–
BISULPHATES, AQUEOUS SOLUTION	•	8	2837
BISULPHITES, AQUEOUS SOLUTION, N.O.S.	•	8	2693
Bitumen, <i>see</i>	•	3	1999
BLACK POWDER, COMPRESSED	–	1.1D	0028
BLACK POWDER granular, or as a meal	–	1.1D	0027
BLACK POWDER IN PELLETS	–	1.1D	0028
Blasticidin-S-3, <i>see</i> PESTICIDE, N.O.S.	–	–	–
Bleaching Powder, <i>see</i>	–	5.1	2208

Substance, material or article	MP	Class	UN No.
Bleach Liquor, <i>see</i>	–	8	1791
BLUE ASBESTOS	–	9	2212
Bombs, Illuminating, <i>see</i> AMMUNITION ILLUMINATING	–	–	–
BOMBS, PHOTO-FLASH	–	1.1D	0038
BOMBS, PHOTO-FLASH	–	1.1F	0037
BOMBS, PHOTO-FLASH	–	1.2G	0039
BOMBS, PHOTO-FLASH	–	1.3G	0299
BOMBS, SMOKE, NON-EXPLOSIVE with corrosive liquid, without initiating device	–	8	2028
Bombs, Target Identification, <i>see</i> AMMUNITION ILLUMINATING	–	–	–
BOMBS with bursting charge	–	1.1D	0034
BOMBS with bursting charge	–	1.1F	0033
BOMBS with bursting charge	–	1.2D	0035
BOMBS with bursting charge	–	1.2F	0291
BOMBS WITH FLAMMABLE LIQUID with bursting charge	–	1.1J	0399
BOMBS WITH FLAMMABLE LIQUID with bursting charge	–	1.2J	0400
BOOSTERS WITH DETONATOR	–	1.1B	0225
BOOSTERS WITH DETONATOR	–	1.2B	0268
BOOSTERS without detonator	–	1.1D	0042
BOOSTERS without detonator	–	1.2D	0283
Borate and Chlorate Mixture, <i>see</i>	●	5.1	1458
BORNEOL	–	4.1	1312
Bornyl Alcohol, <i>see</i>	–	4.1	1312
Boroethane, Compressed, <i>see</i>	–	2.3	1911
Boron Bromide, <i>see</i>	–	8	2692
Boron Fluoride, Compressed, <i>see</i>	–	2.3	1008
BORON TRIBROMIDE	–	8	2692
BORON TRICHLORIDE	–	2.3	1741
BORON TRIFLUORIDE	–	2.3	1008
BORON TRIFLUORIDE ACETIC ACID COMPLEX, LIQUID	–	8	1742
BORON TRIFLUORIDE ACETIC ACID COMPLEX, SOLID	–	8	3419
BORON TRIFLUORIDE DIETHYL ETHERATE	–	8	2604
BORON TRIFLUORIDE DIHYDRATE	–	8	2851
BORON TRIFLUORIDE DIMETHYL ETHERATE	–	4.3	2965
BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, LIQUID	–	8	1743
BORON TRIFLUORIDE PROPIONIC ACID COMPLEX, SOLID	–	8	3420
Brodifacoum, <i>see</i> COUMARIN DERIVATIVE PESTICIDE	PP	–	–
BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	●	5.1	3213
BROMATES, INORGANIC, N.O.S.	●	5.1	1450
BROMINE	–	8	1744
BROMINE CHLORIDE	–	2.3	2901
Bromine Cyanide, <i>see</i>	P	6.1	1889
BROMINE PENTAFLUORIDE	–	5.1	1745
BROMINE SOLUTION	–	8	1744
BROMINE TRIFLUORIDE	–	5.1	1746
BROMOACETIC ACID, SOLID	–	8	3425
BROMOACETIC ACID SOLUTION	–	8	1938
BROMOACETONE	P	6.1	1569
<i>omega</i> -Bromoacetophenone, <i>see</i>	–	6.1	2645

Substance, material or article	MP	Class	UN No.
BROMOACETYL BROMIDE	-	8	2513
Bromoallylene, <i>see</i>	P	3	1099
BROMOBENZENE	P	3	2514
BROMOBENZYL CYANIDES, LIQUID	-	6.1	1694
BROMOBENZYL CYANIDES, SOLID	-	6.1	3449
1-BROMOBUTANE	-	3	1126
2-BROMOBUTANE	-	3	2339
Bromochlorodifluoromethane, <i>see</i>	-	2.2	1974
BROMOCHLOROMETHANE	-	6.1	1887
1-BROMO-3-CHLOROPROPANE	-	6.1	2688
Bromocyane, <i>see</i>	P	6.1	1889
Bromodiphenylmethane, <i>see</i>	-	8	1770
1-Bromo-2,3-epoxypropane, <i>see</i>	P	6.1	2558
Bromoethane, <i>see</i>	-	6.1	1891
2-BROMOETHYL ETHYL ETHER	-	3	2340
BROMOFORM	P	6.1	2515
Bromomethane, <i>see</i>	-	2.3	1062
1-BROMO-3-METHYLBUTANE	-	3	2341
BROMOMETHYLPROPANES	-	3	2342
Bromonitrobenzenes, Liquid, <i>see</i>	-	6.1	2732
Bromonitrobenzenes, Solid, <i>see</i>	-	6.1	3459
2-BROMO-2-NITROPROPANE-1,3-DIOL	-	4.1	3241
2-BROMOPENTANE	-	3	2343
Bromophos-ethyl, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	-	-
BROMOPROPANES	-	3	2344
3-Bromopropene, <i>see</i>	P	3	1099
3-Bromo-1-propyne, <i>see</i>	-	3	2345
3-BROMOPROPYNE	-	3	2345
<i>alpha</i> -Bromotoluene, <i>see</i>	-	6.1	1737
BROMOTRIFLUOROETHYLENE	-	2.1	2419
BROMOTRIFLUOROMETHANE	-	2.2	1009
Bromoxynil, <i>see</i> PESTICIDE, N.O.S.	P	-	-
Bronopol, <i>see</i>	-	4.1	3241
BROWN ASBESTOS	-	9	2212
BRUCINE	-	6.1	1570
BURSTERS explosive	-	1.1D	0043
BUTADIENES AND HYDROCARBON MIXTURE, STABILIZED with more than 40% butadienes	-	2.1	1010
BUTADIENES, STABILIZED	-	2.1	1010
Butanal, <i>see</i>	-	3	1129
Butanal Oxime, <i>see</i>	-	3	2840
BUTANE	-	2.1	1011
BUTANEDIONE	-	3	2346
Butanethiols, <i>see</i>	-	3	2347
Butanoic Acid, <i>see</i>	-	8	2820
Butanoic Anhydride, <i>see</i>	-	8	2739
Butan-2-ol, <i>see</i>	-	3	1120
3-Butanolal, <i>see</i>	-	6.1	2839
BUTANOLS	-	3	1120

Substance, material or article	MP	Class	UN No.
2-Butanone, <i>see</i>	–	3	1193
Butanoyl Chloride, <i>see</i>	–	3	2353
2-Butenal, Stabilized, <i>see</i>	P	6.1	1143
Butene, <i>see</i>	–	2.1	1012
3-Butene-2-one, Stabilized, <i>see</i>	–	6.1	1251
1,2-Butene Oxide, Stabilized, <i>see</i>	–	3	3022
2-Butenoic Acid, <i>see</i>	–	8	2823
2-Buten-1-ol, <i>see</i>	–	3	2614
Butocarboxim, <i>see</i> CARBAMATE PESTICIDE	–	–	–
BUTYL ACETATES	–	3	1123
BUTYL ACID PHOSPHATE	–	8	1718
BUTYL ACRYLATES, STABILIZED	–	3	2348
Butyl Alcohols, <i>see</i>	–	3	1120
Butyl Aldehyde, <i>see</i>	–	3	1129
BUTYLAMINE	–	3	1125
<i>N</i> -BUTYLANILINE	–	6.1	2738
BUTYLBENZENES	–	3	2709
Butyl Benzyl Phthalate, <i>see</i>	P	9	3082
<i>n</i> -Butyl Bromide, <i>see</i>	–	3	1126
<i>secondary</i> -Butyl Bromide, <i>see</i>	–	3	2339
<i>tertiary</i> -Butyl Bromide, <i>see</i>	–	3	2342
Butyl Butyrate, <i>see</i>	–	3	3272
<i>n</i> -Butyl Chloride, <i>see</i>	–	3	1127
<i>secondary</i> -Butyl Chloride, <i>see</i>	–	3	1127
<i>tertiary</i> -Butyl Chloride, <i>see</i>	–	3	1127
BUTYL CHLOROFORMATE	–	6.1	2743
<i>tert</i> -Butyl Cumyl Peroxide (concentration > 42–100%), <i>see</i>	–	5.2	3107
<i>tert</i> -Butyl Cumyl Peroxide (concentration ≤ 52%, with inert solid), <i>see</i>	–	5.2	3108
<i>tert</i> -BUTYLCYCLOHEXYL CHLOROFORMATE	–	6.1	2747
<i>N</i> ² - <i>tert</i> -Butyl- <i>N</i> ² -cyclopropyl-6-methylthio-1,3,5-triazine-2,4-diamine, <i>see</i>	P	9	3077
<i>n</i> -Butyl 4,4-di-(<i>tert</i> -butylperoxy)valerate (concentration > 52–100%), <i>see</i>	–	5.2	3103
<i>n</i> -Butyl 4,4-di-(<i>tert</i> -butylperoxy)valerate (concentration ≤ 52% with inert solid), <i>see</i>	–	5.2	3108
BUTYLENE	–	2.1	1012
1,2-BUTYLENE OXIDE, STABILIZED	–	3	3022
Butyl Ethers, <i>see</i>	–	3	1149
Butyl Ethyl Ether, <i>see</i>	–	3	1179
BUTYL FORMATE	–	3	1128
<i>tert</i> -Butyl Hydroperoxide (concentration < 82%) with Di- <i>tert</i> -butyl Peroxide (concentration > 9%), with water, <i>see</i>	–	5.2	3103
<i>tert</i> -Butyl Hydroperoxide (concentration > 79–90%, with water), <i>see</i>	–	5.2	3103
<i>tert</i> -Butyl Hydroperoxide (concentration ≤ 72%, with water), <i>see</i>	–	5.2	3109
<i>tert</i> -Butyl Hydroperoxide (concentration ≤ 79%, with water), <i>see</i>	–	5.2	3107
<i>tert</i> -Butyl Hydroperoxide (concentration ≤ 80%, with diluent Type A), <i>see</i>	–	5.2	3105
<i>tert</i> -BUTYL HYPOCHLORITE	–	4.2	3255
<i>N</i> - <i>n</i> -BUTYLIMIDAZOLE	–	6.1	2690

Substance, material or article	MP	Class	UN No.
<i>N</i> -normal-Butyliminazole, see	–	6.1	2690
secondary-Butyl Iodide, see	–	3	2390
tertiary-Butyl Iodide, see	–	3	2391
BUTYL ISOCYANATE	–	6.1	2485
<i>tert</i> -BUTYL ISOCYANATE	–	6.1	2484
BUTYL MERCAPTANS	–	3	2347
BUTYL METHACRYLATE, STABILIZED	–	3	2227
Butyl 2-methylacrylate, Stabilized, see	–	3	2227
BUTYL METHYL ETHER	–	3	2350
<i>tert</i> -Butyl Monoperoxymaleate (concentration > 52–100%), see	–	5.2	3102
<i>tert</i> -Butyl Monoperoxymaleate (concentration ≤ 52%, as a paste), see	–	5.2	3108
<i>tert</i> -Butyl Monoperoxymaleate (concentration ≤ 52%, with diluent Type A), see	–	5.2	3103
<i>tert</i> -Butyl Monoperoxymaleate (concentration ≤ 52%, with inert solid), see	–	5.2	3108
BUTYL NITRITES	–	3	2351
<i>tert</i> -Butyl Peroxyacetate (concentration > 32–52%, with diluent Type A), see	–	5.2	3103
<i>tert</i> -Butyl Peroxyacetate (concentration > 52–77%, with diluent Type A), see	–	5.2	3101
<i>tert</i> -Butyl Peroxyacetate (concentration ≤ 32%, with diluent Type B), see	–	5.2	3109
<i>tert</i> -Butyl Peroxybenzoate (concentration > 52–77%, with diluent Type A), see	–	5.2	3105
<i>tert</i> -Butyl Peroxybenzoate (concentration > 77–100%, with diluent Type A), see	–	5.2	3103
<i>tert</i> -Butyl Peroxybenzoate (concentration ≤ 52%, with inert solid), see	–	5.2	3106
<i>tert</i> -Butyl Peroxybutyl Fumarate (concentration ≤ 52%, with diluent Type A), see	–	5.2	3105
<i>tert</i> -Butyl Peroxycrotonate (concentration ≤ 77%, with diluent Type A), see	–	5.2	3105
<i>tert</i> -Butyl Peroxydiethyl-acetate (concentration ≤ 100%), see	–	5.2	3113
<i>tert</i> -Butyl Peroxy-2-ethylhexanoate (concentration > 32–52%, with diluent Type B), see	–	5.2	3117
<i>tert</i> -Butyl Peroxy-2-ethylhexanoate (concentration > 52–100%), see	–	5.2	3113
<i>tert</i> -Butyl Peroxy-2-ethylhexanoate (concentration ≤ 12%) with 2,2-Di(<i>tert</i> -butylperoxy)butane (concentration ≤ 14%) with diluent Type A and inert solid, see	–	5.2	3106
<i>tert</i> -Butyl Peroxy-2-ethylhexanoate (concentration ≤ 31%) with 2,2-Di(<i>tert</i> -butylperoxy)butane (concentration ≤ 36%) with diluent Type B, see	–	5.2	3115
<i>tert</i> -Butyl Peroxy-2-ethylhexanoate (concentration ≤ 32%, with diluent Type B), see	–	5.2	3119
<i>tert</i> -Butyl Peroxy-2-ethylhexanoate (concentration ≤ 52%, with inert solid), see	–	5.2	3118
<i>tert</i> -Butyl Peroxy-2-ethylhexylcarbonate (concentration ≤ 100%), see	–	5.2	3105
<i>tert</i> -Butylperoxy-2-ethylhexylcarbonate (concentration ≤ 100%), see	–	5.2	3105
<i>tert</i> -Butyl Peroxyisobutyrate (concentration > 52–77%, with diluent Type B), see	–	5.2	3111
<i>tert</i> -Butyl Peroxyisobutyrate (concentration ≤ 52%, with diluent Type B), see	–	5.2	3115

Substance, material or article	MP	Class	UN No.
<i>tert</i> -Butylperoxy Isopropylcarbonate (concentration $\leq 77\%$, with diluent Type A), see	–	5.2	3103
1-(2- <i>tert</i> -Butylperoxyisopropyl)-3-isopropenylbenzene (concentration $\leq 42\%$, with inert solid), see	–	5.2	3108
1-(2- <i>tert</i> -Butylperoxyisopropyl)-3-isopropenylbenzene (concentration $\leq 77\%$, with diluent Type A), see	–	5.2	3105
<i>tert</i> -Butyl Peroxy-2-methylbenzoate (concentration $\leq 100\%$), see	–	5.2	3103
<i>tert</i> -Butyl Peroxyneodecanoate (concentration $> 77-100\%$), see	–	5.2	3115
<i>tert</i> -Butyl Peroxyneodecanoate (concentration $\leq 32\%$, with diluent Type A), see	–	5.2	3119
<i>tert</i> -Butyl Peroxyneodecanoate (concentration $\leq 42\%$, as a stable dispersion in water (frozen)), see	–	5.2	3118
<i>tert</i> -Butyl Peroxyneodecanoate (concentration $\leq 52\%$, as a stable dispersion in water), see	–	5.2	3119
<i>tert</i> -Butyl Peroxyneodecanoate (concentration $\leq 77\%$, with diluent Type B), see	–	5.2	3115
<i>tert</i> -Butyl Peroxyneohexanoate (concentration $\leq 42\%$ as a stable dispersion in water), see	–	5.2	3117
<i>tert</i> -Butyl Peroxyneohexanoate (concentration $\leq 77\%$, with diluent Type A), see	–	5.2	3115
<i>tert</i> -Butyl Peroxypivalate (concentration $> 27-67\%$, with diluent Type B), see	–	5.2	3115
<i>tert</i> -Butyl Peroxypivalate (concentration $> 67-77\%$, with diluent Type A), see	–	5.2	3113
<i>tert</i> -Butyl Peroxypivalate (concentration $\leq 27\%$, with diluent Type B), see	–	5.2	3119
<i>tert</i> -Butylperoxy Stearyl-carbonate (concentration $\leq 100\%$), see	–	5.2	3106
<i>tert</i> -Butyl Peroxy-3,5,5-trimethylhexanoate (concentration $> 32-100\%$), see	–	5.2	3105
<i>tert</i> -Butyl Peroxy-3,5,5-trimethylhexanoate (concentration $\leq 32\%$, with diluent Type B), see	–	5.2	3109
Butylphenols, Liquid, N.O.S., see	●	8	3145
Butylphenols, Solid, N.O.S., see	●	8	2430
Butylphosphoric Acid, see	–	8	1718
BUTYL PROPIONATES	–	3	1914
Butyl Thioalcohols, see	–	3	2347
BUTYL TOLUENES	●	6.1	2667
BUTYLTRICHLOROSILANE	–	8	1747
5- <i>tert</i> -BUTYL-2,4,6-TRINITRO- <i>m</i> -XYLENE	–	4.1	2956
BUTYL VINYL ETHER, STABILIZED	–	3	2352
2-Butyne, see	–	3	1144
2-Butyne-1,4-diol, see	–	6.1	2716
1,4-BUTYNE DIOL	–	6.1	2716
But-1-yne, Stabilized, see	–	2.1	2452
1-Butyne, Stabilized, see	–	2.1	2452
BUTYRALDEHYDE	–	3	1129
BUTYRALDOXIME	–	3	2840
BUTYRIC ACID	–	8	2820
BUTYRIC ANHYDRIDE	–	8	2739
Butyrone, see	–	3	2710
BUTYRONITRILE	–	3	2411
Butyryl Chloride, see	–	3	2353
BUTYRYL CHLORIDE	–	3	2353

Substance, material or article	MP	Class	UN No.
Cable Cutters, Explosive, see	–	1.4S	0070
CACODYLIC ACID	–	6.1	1572
CADMIUM COMPOUND	●	6.1	2570
Cadmium selenide, see	–	6.1	2570
Cadmium sulphide, see	P	6.1	2570
CAESIUM	–	4.3	1407
Caesium Alloy (liquid), see	●	4.3	1421
Caesium Amalgams, see	●	4.3	1389
Caesium Amide, see	–	4.3	1390
Caesium Dispersions, see	–	4.3	1391
CAESIUM HYDROXIDE	–	8	2682
CAESIUM HYDROXIDE SOLUTION	–	8	2681
CAESIUM NITRATE	–	5.1	1451
Caesium Powder, Pyrophoric, see	●	4.2	1383
Cajeputene, see	P	3	2052
CALCIUM	–	4.3	1401
Calcium Alloy, non-pyrophoric, see	●	4.3	1421
CALCIUM ALLOYS, PYROPHORIC	–	4.2	1855
Calcium Amalgams, see	●	4.3	1389
CALCIUM ARSENATE	P	6.1	1573
CALCIUM ARSENATE AND CALCIUM ARSENITE MIXTURE, SOLID	P	6.1	1574
Calcium Bisulphite Solution, see	–	8	2693
CALCIUM CARBIDE	–	4.3	1402
CALCIUM CHLORATE	–	5.1	1452
CALCIUM CHLORATE, AQUEOUS SOLUTION	–	5.1	2429
CALCIUM CHLORITE	–	5.1	1453
CALCIUM CYANAMIDE with more than 0.1% calcium carbide	–	4.3	1403
CALCIUM CYANIDE	P	6.1	1575
Calcium Dispersions, see	–	4.3	1391
CALCIUM DITHIONITE	–	4.2	1923
CALCIUM HYDRIDE	–	4.3	1404
Calcium Hydrogen Sulphite Solution, see	–	8	2693
CALCIUM HYDROSULPHITE	–	4.2	1923
CALCIUM HYPOCHLORITE, DRY	–	5.1	1748
CALCIUM HYPOCHLORITE, HYDRATED	–	5.1	2880
CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5% but not more than 16% water	–	5.1	2880
CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	–	5.1	2208
CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	–	5.1	1748
CALCIUM MANGANESE SILICON	–	4.3	2844
Calcium Naphthenate in solution, see	P	9	3082
CALCIUM NITRATE	–	5.1	1454
CALCIUM PERCHLORATE	–	5.1	1455
CALCIUM PERMANGANATE	–	5.1	1456
CALCIUM PEROXIDE	–	5.1	1457
CALCIUM PHOSPHIDE	–	4.3	1360
CALCIUM, PYROPHORIC	–	4.2	1855

Substance, material or article	MP	Class	UN No.
CALCIUM RESINATE	–	4.1	1313
CALCIUM RESINATE, FUSED	–	4.1	1314
CALCIUM SILICIDE	–	4.3	1405
Calcium Silicon, <i>see</i>	–	4.3	1405
Calcium Superoxide, <i>see</i>	–	5.1	1457
2-Camphanol, <i>see</i>	–	4.1	1312
2-Camphanone, <i>see</i>	–	4.1	2717
Camphechlor, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	–	–
CAMPHOR OIL	–	3	1130
CAMPHOR synthetic	–	4.1	2717
CAPROIC ACID	–	8	2829
Caproic Aldehyde, <i>see</i>	–	3	1207
Caprylyl Chloride, <i>see</i>	–	8	3265
CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	●	3	2758
CARBAMATE PESTICIDE, LIQUID, TOXIC	●	6.1	2992
CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	●	6.1	2991
CARBAMATE PESTICIDE, SOLID, TOXIC	●	6.1	2757
Carbanil, <i>see</i>	–	6.1	2487
Carbaryl, <i>see</i> CARBAMATE PESTICIDE	P	–	–
Carbendazim, <i>see</i> Note 1	P	–	–
Carbofuran, <i>see</i> CARBAMATE PESTICIDE	P	–	–
Carbolic Acid, Molten, <i>see</i>	–	6.1	2312
Carbolic Acid, Solid, <i>see</i>	–	6.1	1671
Carbolic Acid Solution, <i>see</i>	–	6.1	2821
CARBON, ACTIVATED	–	4.2	1362
CARBON animal origin	–	4.2	1361
Carbon Bisulphide, <i>see</i>	–	3	1131
Carbon Black, <i>see</i>	–	4.2	1361
CARBON DIOXIDE	–	2.2	1013
Carbon Dioxide and Ethylene Oxide Mixture, <i>see</i> ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE	–	–	–
CARBON DIOXIDE, REFRIGERATED LIQUID	–	2.2	2187
CARBON DIOXIDE, SOLID	–	9	1845
CARBON DISULPHIDE	–	3	1131
Carbonic Anhydride, <i>see</i>	–	2.2	1013
Carbonic Anhydride, Refrigerated Liquid, <i>see</i>	–	2.2	2187
CARBON MONOXIDE, COMPRESSED	–	2.3	1016
Carbon Oxisulphide, <i>see</i>	–	2.3	2204
Carbon Oxyfluoride, <i>see</i>	–	2.3	2417
Carbon Oxyfluoride, Compressed, <i>see</i>	–	2.3	2417
Carbon Oxysulphide, <i>see</i>	–	2.3	2204
Carbon Paper, <i>see</i>	–	4.2	1379
CARBON TETRABROMIDE	P	6.1	2516
CARBON TETRACHLORIDE	P	6.1	1846
CARBON vegetable origin	–	4.2	1361
Carbonyl Chloride, <i>see</i>	–	2.3	1076
CARBONYL FLUORIDE	–	2.3	2417
CARBONYL SULPHIDE	–	2.3	2204

Substance, material or article	MP	Class	UN No.
Carbophenothion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Cargo Transport Unit Under Fumigation, <i>see</i>	–	9	3359
Cartap Hydrochloride, <i>see</i> CARBAMATE PESTICIDE	P	–	–
Cartridge Cases, <i>see</i> CASES, CARTRIDGE	–	–	–
Para-cartridges, actuating, for fire extinguisher or apparatus valve, <i>see</i> CARTRIDGES, POWER DEVICE	–	–	–
Cartridges, Actuating, for Fire Extinguisher or Apparatus Valve, <i>see</i> CARTRIDGES, POWER DEVICE	–	–	–
Cartridges, Explosive, <i>see</i>	–	1.1D	0048
CARTRIDGES, FLASH	–	1.1G	0049
CARTRIDGES, FLASH	–	1.3G	0050
CARTRIDGES FOR WEAPONS, BLANK	–	1.1C	0326
CARTRIDGES FOR WEAPONS, BLANK	–	1.2C	0413
CARTRIDGES FOR WEAPONS, BLANK	–	1.3C	0327
CARTRIDGES FOR WEAPONS, BLANK	–	1.4C	0338
CARTRIDGES FOR WEAPONS, BLANK	–	1.4S	0014
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	–	1.2C	0328
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	–	1.3C	0417
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	–	1.4C	0339
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	–	1.4S	0012
CARTRIDGES FOR WEAPONS with bursting charge	–	1.1E	0006
CARTRIDGES FOR WEAPONS with bursting charge	–	1.1F	0005
CARTRIDGES FOR WEAPONS with bursting charge	–	1.2E	0321
CARTRIDGES FOR WEAPONS with bursting charge	–	1.2F	0007
CARTRIDGES FOR WEAPONS with bursting charge	–	1.4E	0412
CARTRIDGES FOR WEAPONS with bursting charge	–	1.4F	0348
Cartridges, Illuminating, <i>see</i> AMMUNITION, ILLUMINATING	–	–	–
CARTRIDGES, OIL WELL	–	1.3C	0277
CARTRIDGES, OIL WELL	–	1.4C	0278
CARTRIDGES, POWER DEVICE	–	1.2C	0381
CARTRIDGES, POWER DEVICE	–	1.3C	0275
CARTRIDGES, POWER DEVICE	–	1.4C	0276
CARTRIDGES, POWER DEVICE	–	1.4S	0323
CARTRIDGES, SIGNAL	–	1.3G	0054
CARTRIDGES, SIGNAL	–	1.4G	0312
CARTRIDGES, SIGNAL	–	1.4S	0405
CARTRIDGES, SMALL ARMS	–	1.3C	0417
CARTRIDGES, SMALL ARMS	–	1.4C	0339
CARTRIDGES, SMALL ARMS	–	1.4S	0012
CARTRIDGES, SMALL ARMS, BLANK	–	1.3C	0327
CARTRIDGES, SMALL ARMS, BLANK	–	1.4C	0338
CARTRIDGES, SMALL ARMS, BLANK	–	1.4S	0014
Cartridges, Starter, Jet Engine, <i>see</i> CARTRIDGES, POWER DEVICE	–	–	–
CASES, CARTRIDGE, EMPTY, WITH PRIMER	–	1.4C	0379
CASES, CARTRIDGE, EMPTY, WITH PRIMER	–	1.4S	0055
CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	–	1.3C	0447
CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	–	1.4C	0446
Casinghead Gasoline, <i>see</i>	P	3	1203
CASTOR BEANS	–	9	2969

Substance, material or article	MP	Class	UN No.
CASTOR FLAKE	–	9	2969
CASTOR MEAL	–	9	2969
CASTOR POMACE	–	9	2969
CAUSTIC ALKALI LIQUID, N.O.S.	●	8	1719
Caustic Potash, Liquid, <i>see</i>	–	8	1814
Caustic Potash, Solid, <i>see</i>	–	8	1813
Caustic Soda, Solid, <i>see</i>	–	8	1823
Caustic Soda Solution, <i>see</i>	–	8	1824
CELLS, CONTAINING SODIUM	–	4.3	3292
CELLULOID in block, rods, rolls, sheets, tubes, etc., except scrap	–	4.1	2000
CELLULOID, SCRAP	–	4.2	2002
Cellulose Nitrate Solution, <i>see</i>	–	3	2059
Cellulose Nitrate with alcohol, <i>see</i>	–	4.1	2556
Cellulose Nitrate with plasticizing substance, <i>see</i>	●	4.1	2557
Cellulose Nitrate with water, <i>see</i>	–	4.1	2555
Cement, Liquid, <i>see</i>	●	3	1133
Cerium Powder, Pyrophoric, <i>see</i>	–	4.2	1383
CERIUM slabs, ingots or rods	–	4.1	1333
CERIUM turnings or gritty powder	–	4.3	3078
Cer Mischmetall, <i>see</i>	–	4.1	1333
Cesium, <i>see</i>	–	4.3	1407
Charcoal, Activated, <i>see</i>	–	4.2	1362
Charcoal, Non-activated, <i>see</i>	–	4.2	1361
CHARGES, BURSTING, PLASTICS BONDED	–	1.1D	0457
CHARGES, BURSTING, PLASTICS BONDED	–	1.2D	0458
CHARGES, BURSTING, PLASTICS-BONDED	–	1.4D	0459
CHARGES, BURSTING, PLASTICS-BONDED	–	1.4S	0460
CHARGES, DEMOLITION	–	1.1D	0048
CHARGES, DEPTH	–	1.1D	0056
Charges, Expelling, Explosive, for Fire Extinguishers, <i>see</i> CARTRIDGES, POWER DEVICE	–	–	–
CHARGES, EXPLOSIVE, COMMERCIAL without detonator	–	1.1D	0442
CHARGES, EXPLOSIVE, COMMERCIAL without detonator	–	1.2D	0443
CHARGES, EXPLOSIVE, COMMERCIAL without detonator	–	1.4D	0444
CHARGES, EXPLOSIVE, COMMERCIAL without detonator	–	1.4S	0445
CHARGES, PROPELLING	–	1.1C	0271
CHARGES, PROPELLING	–	1.2C	0415
CHARGES, PROPELLING	–	1.3C	0272
CHARGES, PROPELLING	–	1.4C	0491
CHARGES, PROPELLING, FOR CANNON	–	1.1C	0279
CHARGES, PROPELLING, FOR CANNON	–	1.2C	0414
CHARGES, PROPELLING, FOR CANNON	–	1.3C	0242
CHARGES, SHAPED, FLEXIBLE, LINEAR	–	1.1D	0288
CHARGES, SHAPED, FLEXIBLE, LINEAR	–	1.4D	0237
CHARGES, SHAPED without detonator	–	1.1D	0059
CHARGES, SHAPED without detonator	–	1.2D	0439
CHARGES, SHAPED without detonator	–	1.4D	0440
CHARGES, SHAPED without detonator	–	1.4S	0441
CHARGES, SUPPLEMENTARY, EXPLOSIVE	–	1.1D	0060

Substance, material or article	MP	Class	UN No.
CHEMICAL KIT	–	9	3316
CHEMICAL SAMPLE, TOXIC	–	6.1	3315
Chile Saltpetre, <i>see</i>	–	5.1	1498
Chinomethionat, <i>see</i> PESTICIDE, N.O.S.	–	–	–
CHLORAL, ANHYDROUS, STABILIZED	–	6.1	2075
CHLORATE AND BORATE MIXTURE	●	5.1	1458
CHLORATE AND MAGNESIUM CHLORIDE MIXTURE, SOLID	●	5.1	1459
CHLORATE AND MAGNESIUM CHLORIDE MIXTURE SOLUTION	●	5.1	3407
CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	●	5.1	3210
CHLORATES, INORGANIC, N.O.S.	●	5.1	1461
Chlordane, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	–	–
Chlordimeform, <i>see</i> ORGANOCHLORINE PESTICIDE	–	–	–
Chlordimeform Hydrochloride, <i>see</i> ORGANOCHLORINE PESTICIDE	–	–	–
Chlorfenvinphos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
CHLORIC ACID, AQUEOUS SOLUTION with a concentration exceeding 10% (transport prohibited)	–	–	–
CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	–	5.1	2626
Chlorinated Paraffins (C ₁₀ –C ₁₃), <i>see</i>	PP	9	3082
Chlorinated Paraffins (C ₁₄ –C ₁₇) with more than 1% shorter chain length, <i>see</i>	PP	9	3082
CHLORINE	P	2.3	1017
Chlorine Bromide, <i>see</i>	–	2.3	2901
Chlorine Cyanide, Stabilized, <i>see</i>	P	2.3	1589
CHLORINE PENTAFLUORIDE	–	2.3	2548
CHLORINE TRIFLUORIDE	–	2.3	1749
CHLORITES, INORGANIC, N.O.S.	●	5.1	1462
CHLORITE SOLUTION	●	8	1908
Chlormephos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Chloroacetaldehyde, <i>see</i>	–	6.1	2232
CHLOROACETIC ACID, MOLTEN	–	6.1	3250
CHLOROACETIC ACID, SOLID	–	6.1	1751
CHLOROACETIC ACID SOLUTION	–	6.1	1750
CHLOROACETONE, STABILIZED	P	6.1	1695
CHLOROACETONITRILE	–	6.1	2668
CHLOROACETOPHENONE, LIQUID	–	6.1	3416
CHLOROACETOPHENONE, SOLID	–	6.1	1697
CHLOROACETYL CHLORIDE	–	6.1	1752
2-Chloroaniline, <i>see</i>	–	6.1	2019
3-Chloroaniline, <i>see</i>	–	6.1	2019
4-Chloroaniline, <i>see</i>	–	6.1	2018
<i>meta</i> -Chloroaniline, <i>see</i>	–	6.1	2019
<i>ortho</i> -Chloroaniline, <i>see</i>	–	6.1	2019
<i>para</i> -Chloroaniline, <i>see</i>	–	6.1	2018
CHLOROANILINES, LIQUID	–	6.1	2019
CHLOROANILINES, SOLID	–	6.1	2018
CHLOROANISIDINES	–	6.1	2233
CHLOROBENZENE	–	3	1134
CHLOROBENZOTRIFLUORIDES	–	3	2234

Substance, material or article	MP	Class	UN No.
CHLOROBENZYL CHLORIDES, LIQUID	P	6.1	2235
CHLOROBENZYL CHLORIDES, SOLID	P	6.1	3427
1-Chloro-3-bromopropane, <i>see</i>	–	6.1	2688
2-Chlorobutadiene-1,3, Stabilized, <i>see</i>	–	3	1991
CHLOROBUTANES	–	3	1127
Chlorocarbonates, Toxic, Corrosive, Flammable, N.O.S., <i>see</i>	●	6.1	2742
Chlorocarbonates, Toxic, Corrosive, N.O.S., <i>see</i>	●	6.1	3277
CHLOROCRESOLS, SOLID	–	6.1	3437
CHLOROCRESOLS SOLUTION	–	6.1	2669
3-Chloro-4-diethylamino-benzenediazonium Zinc Chloride (concentration 100%), <i>see</i>	–	4.1	3226
CHLORODIFLUORBROMOMETHANE	–	2.2	1974
1-CHLORO-1,1-DIFLUOROETHANE	–	2.1	2517
CHLORODIFLUOROMETHANE	–	2.2	1018
CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE with a fixed boiling point, with approximately 49% chlorodifluoromethane	–	2.2	1973
3-Chloro-1,2-dihydroxypropane, <i>see</i>	–	6.1	2689
Chlorodimethyl Ether	–	6.1	1239
CHLORODINITROBENZENES, LIQUID	P	6.1	1577
CHLORODINITROBENZENES, SOLID	P	6.1	3441
2-CHLOROETHANAL	–	6.1	2232
Chloroethane, <i>see</i>	–	2.1	1037
Chloroethane Nitrite, <i>see</i>	–	6.1	2668
2-Chloroethanol, <i>see</i>	–	6.1	1135
2-Chloroethyl Alcohol, <i>see</i>	–	6.1	1135
CHLOROFORM	–	6.1	1888
CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	●	6.1	2742
CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.	●	6.1	3277
Chloromethane, <i>see</i>	–	2.1	1063
2-Chloro-2-methylbutane, <i>see</i>	–	3	1107
1-Chloro-3-methylbutane, <i>see</i>	–	3	1107
CHLOROMETHYL CHLOROFORMATE	–	6.1	2745
Chloromethyl Cyanide, <i>see</i>	–	6.1	2668
CHLOROMETHYL ETHYL ETHER	–	3	2354
Chloromethyl Methyl Ether, <i>see</i>	–	6.1	1239
Chloromethylphenols, Liquid, <i>see</i>	–	6.1	2669
Chloromethylphenols, Solid, <i>see</i>	–	6.1	3437
3-CHLORO-4-METHYLPHENYL ISOCYANATE, LIQUID	–	6.1	2236
3-CHLORO-4-METHYLPHENYL ISOCYANATE, SOLID	–	6.1	3428
Chloromethylpropanes, <i>see</i>	–	3	1127
3-Chloro-2-methylprop-1-ene, <i>see</i>	–	3	2554
CHLORONITROANILINES	P	6.1	2237
CHLORONITROBENZENES, LIQUID	–	6.1	3409
CHLORONITROBENZENES, SOLID	–	6.1	1578
2-Chloro-6-nitrotoluene, <i>see</i> Note 1	P	–	–
CHLORONITROTOLUENES, LIQUID	P	6.1	2433
CHLORONITROTOLUENES, SOLID	P	6.1	3457
1-Chlorooctane, <i>see</i>	P	9	3082

Substance, material or article	MP	Class	UN No.
<i>para</i> -Chloro- <i>ortho</i> -aminophenol, <i>see</i>	–	6.1	2673
4-CHLORO- <i>o</i> -TOLUIDINE HYDROCHLORIDE, SOLID	–	6.1	1579
4-CHLORO- <i>o</i> -TOLUIDINE HYDROCHLORIDE SOLUTION	–	6.1	3450
CHLOROPENTAFLUOROETHANE	–	2.2	1020
Chloropentanes, <i>see</i>	–	3	1107
3-Chloroperoxybenzoic Acid (concentration ≤57%, with inert solid and water), <i>see</i>	–	5.2	3106
3-Chloroperoxybenzoic Acid (concentration ≤77% with inert solid and water), <i>see</i>	–	5.2	3106
3-Chloroperoxybenzoic Acid (concentration more than 57–86% with inert solid), <i>see</i>	–	5.2	3102
Chlorophacinone, <i>see</i> ORGANOCHLORINE PESTICIDE	–	–	–
CHLOROPHENOLATES, LIQUID	●	8	2904
CHLOROPHENOLATES, SOLID	●	8	2905
CHLOROPHENOLS, LIQUID	–	6.1	2021
CHLOROPHENOLS, SOLID	–	6.1	2020
CHLOROPHENYLTRICHLOROSILANE	P	8	1753
CHLOROPICRIN	P	6.1	1580
CHLOROPICRIN AND METHYL BROMIDE MIXTURE with more than 2% chloropicrin	–	2.3	1581
CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	–	2.3	1582
CHLOROPICRIN MIXTURE, N.O.S.	●	6.1	1583
CHLOROPLATINIC ACID, SOLID	–	8	2507
CHLOROPRENE, STABILIZED	–	3	1991
1-CHLOROPROPANE	–	3	1278
2-CHLOROPROPANE	–	3	2356
3-Chloropropanediol-1,2, <i>see</i>	–	6.1	2689
1-Chloro-2-propanol, <i>see</i>	–	6.1	2611
3-CHLOROPROPANOL-1	–	6.1	2849
3-Chloroprop-1-ene, <i>see</i>	–	3	1100
2-CHLOROPROPENE	–	3	2456
3-Chloropropene, <i>see</i>	–	3	1100
2-CHLOROPROPIONIC ACID	–	8	2511
<i>alpha</i> -Chloropropionic Acid, <i>see</i>	–	8	2511
<i>alpha</i> -Chloropropylene, <i>see</i>	–	3	1100
2-Chloropropylene, <i>see</i>	–	3	2456
2-CHLOROPYRIDINE	–	6.1	2822
CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.	●	8	2986
CHLOROSILANES, CORROSIVE, N.O.S.	●	8	2987
CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.	●	3	2985
CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	●	6.1	3362
CHLOROSILANES, TOXIC, CORROSIVE, N.O.S.	●	6.1	3361
CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.	●	4.3	2988
CHLOROSULPHONIC ACID (with or without sulphur trioxide)	–	8	1754
Chlorosulphuric Acid, <i>see</i>	–	8	1834
1-CHLORO-1,2,2,2-TETRAFLUOROETHANE	–	2.2	1021
<i>meta</i> -Chlorotoluene, <i>see</i>	P	3	2238
<i>ortho</i> -Chlorotoluene, <i>see</i>	–	3	2238
<i>para</i> -Chlorotoluene, <i>see</i>	P	3	2238
CHLOROTOLUENES	●	3	2238

Substance, material or article	MP	Class	UN No.
CHLOROTOLUIDINES, LIQUID	–	6.1	3429
CHLOROTOLUIDINES, SOLID	–	6.1	2239
1-CHLORO-2,2,2-TRIFLUOROETHANE	–	2.2	1983
Chlorotrifluoroethylene, Stabilized, <i>see</i>	–	2.3	1082
CHLOROTRIFLUOROMETHANE	–	2.2	1022
CHLOROTRIFLUOROMETHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane	–	2.2	2599
2-Chloro-5-trifluoromethyl-nitrobenzene, <i>see</i>	P	6.1	2307
Chlorovinylacetate, <i>see</i>	–	6.1	2589
Chlorpyrifos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Chlorthiophos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Chromic Acid, Solid, <i>see</i>	–	5.1	1463
CHROMIC ACID SOLUTION	–	8	1755
Chromic Anhydride, <i>see</i>	–	5.1	1463
CHROMIC FLUORIDE, SOLID	–	8	1756
CHROMIC FLUORIDE SOLUTION	–	8	1757
Chromic Nitrate, <i>see</i>	–	5.1	2720
Chromium (VI) Dichloride Dioxide, <i>see</i>	–	8	1758
Chromium (III) Fluoride, Solid, <i>see</i>	–	8	1756
Chromium Fluoride, Solid, <i>see</i>	–	8	1756
Chromium Fluoride Solution, <i>see</i>	–	8	1757
CHROMIUM NITRATE	–	5.1	2720
Chromium (III) Nitrate, <i>see</i>	–	5.1	2720
CHROMIUM OXYCHLORIDE	–	8	1758
CHROMIUM TRIOXIDE, ANHYDROUS	–	5.1	1463
CHROMOSULPHURIC ACID	–	8	2240
Chromyl Chloride, <i>see</i>	–	8	1758
Chrysotile, <i>see</i>	–	9	2590
Cinene, <i>see</i>	P	3	2052
Cinnamene, <i>see</i>	–	3	2055
Cinnamol, <i>see</i>	–	3	2055
CLINICAL SPECIMENS	–	6.2	3375
CLINICAL WASTE, UNSPECIFIED, N.O.S.	–	6.2	3291
COAL GAS, COMPRESSED	–	2.3	1023
Coal Tar, <i>see</i>	P	9	3082
COAL TAR DISTILLATES, FLAMMABLE	–	3	1136
Coal Tar Naphtha, <i>see</i>	●	3	1268
Coal Tar Oils, <i>see</i>	–	3	1136
COATING SOLUTION (includes surface treatments or coatings used for industrial purposes such as vehicle under-coating, drum or barrel lining)	●	3	1139
COBALT NAPHTHENATES, POWDER	–	4.1	2001
COBALT RESINATE, PRECIPITATED	–	4.1	1318
Cocculus, <i>see</i>	P	6.1	3172
Coconitrile, <i>see</i>	P	9	3082
Collodion Cottons (class 1), <i>see</i> NITROCELLULOSE	–	–	–
Collodion Cotton with Alcohol, <i>see</i>	–	4.1	2556
Collodion Cotton with plasticizing substance, <i>see</i>	●	4.1	2557
Collodion Cotton with water, <i>see</i>	–	4.1	2555

Substance, material or article	MP	Class	UN No.
Colloidion Solution, <i>see</i>	–	3	2059
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	–	1.1B	0461
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	–	1.2B	0382
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	–	1.4B	0383
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	–	1.4S	0384
Composition B, <i>see</i>	–	1.1D	0118
COMPRESSED GAS, FLAMMABLE, N.O.S.	●	2.1	1954
COMPRESSED GAS, N.O.S.	●	2.2	1956
COMPRESSED GAS, OXIDIZING, N.O.S.	●	2.2	3156
COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	●	2.3	3304
COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	●	2.3	3305
COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	●	2.3	1953
COMPRESSED GAS, TOXIC, N.O.S.	●	2.3	1955
COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	●	2.3	3306
COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	●	2.3	3303
Container Under Fumigation, <i>see</i>	–	9	3359
CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	–	1.2L	0248
CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	–	1.3L	0249
COPPER ACETOARSENITE	P	6.1	1585
Copper Arsenate, <i>see</i>	●	6.1	1557
COPPER ARSENITE	P	6.1	1586
Copper (II) Arsenite, <i>see</i>	–	6.1	1586
COPPER BASED PESTICIDE, LIQUID, TOXIC	●	6.1	3010
COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint less than 23°C	●	3	2776
COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	●	6.1	3009
COPPER BASED PESTICIDE, SOLID, TOXIC	●	6.1	2775
COPPER CHLORATE	–	5.1	2721
Copper (II) Chlorate, <i>see</i>	–	5.1	2721
COPPER CHLORIDE	PP	8	2802
Copper Compounds, <i>see</i> COPPER BASED PESTICIDE	–	–	–
COPPER CYANIDE	PP	6.1	1587
Copper Metal Powder, <i>see</i> Note 1	PP	–	–
Copper Sulphate, anhydrous, hydrates and solutions, <i>see</i> Note 1	PP	–	–
COPRA	–	4.2	1363
CORD, DETONATING flexible	–	1.1D	0065
CORD, DETONATING flexible	–	1.4D	0289
CORD, DETONATING metal-clad	–	1.1D	0290
CORD, DETONATING metal-clad	–	1.2D	0102
CORD, DETONATING, MILD EFFECT metal-clad	–	1.4D	0104
CORD, IGNITER	–	1.4G	0066
Cordite, <i>see</i> POWDER, SMOKELESS	–	–	–
CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	●	8	3264
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	●	8	3265
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	●	8	3266
CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	●	8	3267

Substance, material or article	MP	Class	UN No.
CORROSIVE LIQUID, FLAMMABLE, N.O.S.	●	8	2920
CORROSIVE LIQUID, N.O.S.	●	8	1760
CORROSIVE LIQUID, OXIDIZING, N.O.S.	●	8	3093
CORROSIVE LIQUID, SELF-HEATING, N.O.S.	●	8	3301
CORROSIVE LIQUID, TOXIC, N.O.S.	●	8	2922
CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	●	8	3094
CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	●	8	3260
CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	●	8	3261
CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	●	8	3262
CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	●	8	3263
CORROSIVE SOLID, FLAMMABLE, N.O.S.	●	8	2921
CORROSIVE SOLID, N.O.S.	●	8	1759
CORROSIVE SOLID, OXIDIZING, N.O.S.	●	8	3084
CORROSIVE SOLID, SELF-HEATING, N.O.S.	●	8	3095
CORROSIVE SOLID, TOXIC, N.O.S.	●	8	2923
CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	●	8	3096
Cosmetics, <i>see</i>	●	3	1266
Cotton, Dry, <i>see</i>	–	4.1	3360
COTTON WASTE, OILY	–	4.2	1364
COTTON, WET	–	4.2	1365
Coumachlor, <i>see</i> COUMARIN DERIVATIVE PESTICIDE	P	–	–
Coumafuryl, <i>see</i> COUMARIN DERIVATIVE PESTICIDE	–	–	–
Coumaphos, <i>see</i> COUMARIN DERIVATIVE PESTICIDE	PP	–	–
COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	●	3	3024
COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	●	6.1	3026
COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	●	6.1	3025
COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	●	6.1	3027
Coumatetralyl, <i>see</i> COUMARIN DERIVATIVE PESTICIDE	–	–	–
Creosote, <i>see</i>	P	9	3082
Creosote Salts, <i>see</i>	–	4.1	1334
CRESOLS, LIQUID	–	6.1	2076
CRESOLS, SOLID	–	6.1	3455
Cresyl Diphenyl Phosphate, <i>see</i>	PP	9	3082
CRESYLIC ACID	–	6.1	2022
Crimidine, <i>see</i> ORGANOCHLORINE PESTICIDE	–	–	–
Crocidolite, <i>see</i>	–	9	2212
CROTONALDEHYDE or CROTONALDEHYDE, STABILIZED	P	6.1	1143
CROTONIC ACID, LIQUID	–	8	3472
CROTONIC ACID, SOLID	–	8	2823
Crotonic Aldehyde, Stabilized, <i>see</i>	P	6.1	1143
CROTONYLENE	–	3	1144
Crotoxyphos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Crude naphtha, <i>see</i>	●	3	1268
Crufomate, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Cumene, <i>see</i>	–	3	1918
Cumyl Hydroperoxide (concentration > 90–98%, with diluent Type A), <i>see</i>	–	5.2	3107

Substance, material or article	MP	Class	UN No.
Cumyl Hydroperoxide (concentration $\leq 90\%$, with diluent Type A), see	–	5.2	3109
Cumyl Peroxyneodecanoate (concentration $\leq 52\%$ as a stable dispersion in water), see	–	5.2	3119
Cumyl Peroxyneodecanoate (concentration $\leq 77\%$, with diluent Type B), see	–	5.2	3115
Cumyl Peroxyneohexanoate (concentration $\leq 77\%$, with diluent Type A), see	–	5.2	3115
Cumyl Peroxypivalate (concentration $\leq 77\%$, with diluent Type B), see	–	5.2	3115
Cupric Arsenite, see	P	6.1	1586
Cupric Chlorate, see	–	5.1	2721
Cupric Chloride, see	PP	8	2802
Cupric Cyanide, see	PP	6.1	1587
Cupric Sulphate, see Note 1	PP	–	–
CUPRIETHYLENEDIAMINE SOLUTION	P	8	1761
Cuprous Chloride, see	PP	8	2802
Cut-backs, see	●	3	1999
CUTTERS, CABLE, EXPLOSIVE	–	1.4S	0070
Cyanazine, see TRIAZINE PESTICIDE	–	–	–
Cyanide Mixture, Inorganic, solid, N.O.S., see	P	6.1	1588
CYANIDES, INORGANIC, SOLID, N.O.S.	P	6.1	1588
CYANIDE SOLUTION, N.O.S.	P	6.1	1935
Cyanides, Organic, flammable, toxic, N.O.S., see	●	3	3273
Cyanides, Organic, toxic, flammable, N.O.S., see	●	6.1	3275
Cyanides, Organic, toxic, N.O.S., see	●	6.1	3276
Cyanoacetonitrile, see	–	6.1	2647
CYANOGEN	–	2.3	1026
CYANOGEN BROMIDE	P	6.1	1889
CYANOGEN CHLORIDE, STABILIZED	P	2.3	1589
Cyanophos, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
CYANURIC CHLORIDE	–	8	2670
CYCLOBUTANE	–	2.1	2601
CYCLOBUTYL CHLOROFORMATE	–	6.1	2744
1,5,9-CYCLODODECATRIENE	PP	6.1	2518
CYCLOHEPTANE	–	3	2241
CYCLOHEPTATRIENE	–	3	2603
1,3,5-Cycloheptatriene, see	–	3	2603
CYCLOHEPTENE	–	3	2242
1,4-Cyclohexadienedione, see	–	6.1	2587
CYCLOHEXANE	–	3	1145
CYCLOHEXANETHIOL	–	3	3054
CYCLOHEXANONE	–	3	1915
Cyclohexanone Peroxide(s) (concentration $\leq 32\%$, with inert solid) (exempt)	–	–	–
Cyclohexanone Peroxide(s) (concentration $\leq 72\%$, as a paste, with diluent Type A, with or without water, available oxygen $\leq 9\%$), see	–	5.2	3106
Cyclohexanone Peroxide(s) (concentration $\leq 72\%$, with diluent Type A, available oxygen $\leq 9\%$), see	–	5.2	3105
Cyclohexanone Peroxide(s) (concentration $\leq 91\%$, with water), see	–	5.2	3104

Substance, material or article	MP	Class	UN No.
CYCLOHEXENE	-	3	2256
CYCLOHEXENYLTRICHLOROSILANE	-	8	1762
Cycloheximide, <i>see</i> PESTICIDE, N.O.S.	-	-	-
CYCLOHEXYL ACETATE	-	3	2243
CYCLOHEXYLAMINE	-	8	2357
CYCLOHEXYL ISOCYANATE	-	6.1	2488
CYCLOHEXYL MERCAPTAN	-	3	3054
CYCLOHEXYLTRICHLOROSILANE	-	8	1763
CYCLONITE AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	-	1.1D	0391
CYCLONITE AND HMX MIXTURE, WETTED with not less than 15% water, by mass	-	1.1D	0391
CYCLONITE AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	-	1.1D	0391
CYCLONITE AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass	-	1.1D	0391
CYCLONITE, DESENSITIZED	-	1.1D	0483
CYCLONITE, WETTED with not less than 15% water, by mass	-	1.1D	0072
CYCLOOCTADIENE PHOSPHINES	-	4.2	2940
CYCLOOCTADIENES	-	3	2520
CYCLOOCTATETRAENE	-	3	2358
CYCLOPENTANE	-	3	1146
CYCLOPENTANOL	-	3	2244
CYCLOPENTANONE	-	3	2245
CYCLOPENTENE	-	3	2246
CYCLOPROPANE	-	2.1	1027
CYCLOTETRAMETHYLENETETRANITRAMINE, DESENSITIZED	-	1.1D	0484
CYCLOTETRAMETHYLENETETRANITRAMINE, WETTED with not less than 15% water, by mass	-	1.1D	0226
CYCLOTRIMETHYLENETRINITRAMINE AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	-	1.1D	0391
CYCLOTRIMETHYLENETRINITRAMINE AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass	-	1.1D	0391
CYCLOTRIMETHYLENETRINITRAMINE, DESENSITIZED	-	1.1D	0483
CYCLOTRIMETHYLENETRINITRAMINE, WETTED with not less than 15% water, by mass	-	1.1D	0072
Cyhexatin, <i>see</i> ORGANOTIN PESTICIDE	PP	-	-
CYMENES	PP	3	2046
Cymol, <i>see</i>	PP	3	2046
Cypermethrin, <i>see</i> PYRETHROID PESTICIDE	PP	-	-
2,4-D, <i>see</i> PHENOXY PESTICIDE	P	-	-
DANGEROUS GOODS IN APPARATUS	-	9	3363
DANGEROUS GOODS IN MACHINERY	-	9	3363
Dazomet, <i>see</i> PESTICIDE, N.O.S.	-	-	-
2,4-DB, <i>see</i> PHENOXY PESTICIDE	-	-	-
DDT, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	-	-
Deanol, <i>see</i>	-	8	2051
DECABORANE	-	4.1	1868
DECAHYDRONAPHTHALENES	-	3	1147

Substance, material or article	MP	Class	UN No.
Decaldehyde, <i>see</i>	P	9	3082
Decalin, <i>see</i>	–	3	1147
DECANE	–	3	2247
Decyl Acrylate, <i>see</i>	P	9	3082
Decyloxytetrahydrothiophene Dioxide, <i>see</i> Note 1	P	–	–
DEF, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
DEFLAGRATING METAL SALTS OF AROMATIC NITRO DERIVATIVES, N.O.S.	–	1.3C	0132
Demephion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Demeton, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Demeton-O, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Demeton-O-methyl, thiono isomer, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Demeton-S-methyl, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Demeton-S-methylsulphoxyd, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Depth Charges, <i>see</i>	–	1.1D	0056
DESENSITIZED EXPLOSIVE, LIQUID, N.O.S.	–	3	3379
DESENSITIZED EXPLOSIVE, SOLID, N.O.S.	–	4.1	3380
Desmediphan, <i>see</i> Note 1	P	–	–
Detonating Relays, <i>see</i> DETONATORS, NON-ELECTRIC, for blasting, or DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	–	–	–
DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	–	1.1B	0360
DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	–	1.4B	0361
DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	–	1.4S	0500
DETONATORS, ELECTRIC for blasting	–	1.1B	0030
DETONATORS, ELECTRIC for blasting	–	1.4B	0255
DETONATORS, ELECTRIC for blasting	–	1.4S	0456
DETONATORS FOR AMMUNITION	–	1.1B	0073
DETONATORS FOR AMMUNITION	–	1.2B	0364
DETONATORS FOR AMMUNITION	–	1.4B	0365
DETONATORS FOR AMMUNITION	–	1.4S	0366
DETONATORS, NON-ELECTRIC for blasting	–	1.1B	0029
DETONATORS, NON-ELECTRIC for blasting	–	1.4B	0267
DETONATORS, NON-ELECTRIC for blasting	–	1.4S	0455
DEUTERIUM, COMPRESSED	–	2.1	1957
DEVICES, SMALL, HYDROCARBON GAS POWERED	–	2.1	3150
Diacetone, <i>see</i>	–	3	1148
DIACETONE ALCOHOL	–	3	1148
Diacetone Alcohol Peroxides (concentration $\leq 57\%$, with diluent Type B and water, Hydrogen Peroxide $\leq 9\%$, available oxygen $\leq 10\%$), <i>see</i>	–	5.2	3115
Diacetyl, <i>see</i>	–	3	2346
Diacetyl peroxide (concentration $\leq 27\%$, with diluent Type B), <i>see</i>	–	5.2	3115
Dialifos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Dialifos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Di-allate, <i>see</i> PESTICIDE, N.O.S.	P	–	–
DIALLYLAMINE	–	3	2359
DIALLYL ETHER	–	3	2360
Diamine, Aqueous Solution, <i>see</i>	–	6.1	3293

Substance, material or article	MP	Class	UN No.
Diaminobenzenes (<i>ortho</i> -, <i>meta</i> -, <i>para</i> -), <i>see</i>	–	6.1	1673
4,4'-DIAMINODIPHENYLMETHANE	P	6.1	2651
1,2-Diaminoethane, <i>see</i>	–	8	1604
1,6-Diaminohexane, Solid, <i>see</i>	–	8	2280
1,6-Diaminohexane Solution, <i>see</i>	–	8	1783
Diaminopropylamine, <i>see</i>	–	8	2269
DI- <i>n</i> -AMYLAMINE	–	3	2841
Di- <i>tert</i> -Amyl Peroxide (concentration $\leq 100\%$), <i>see</i>	–	5.2	3107
1,1-Di-(<i>tert</i> -amylperoxy)cyclohexane (concentration $\leq 82\%$, with diluent Type A), <i>see</i>	–	5.2	3103
Diazinon, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
DIAZODINITROPHENOL, WETTED with not less than 40% water or mixture of alcohol and water, by mass	–	1.1A	0074
2-Diazo-1-naphthol-4-sulphonic Acid Ester (concentration 100%), <i>see</i>	–	4.1	3226
2-Diazo-1-naphthol-5-sulphonic Acid Ester (concentration 100%), <i>see</i>	–	4.1	3226
2-Diazo-1-naphthol-4-sulphonylchloride (concentration 100%), <i>see</i>	–	4.1	3222
2-Diazo-1-naphthol-5-sulphonylchloride (concentration 100%), <i>see</i>	–	4.1	3222
Dibenzopyridine, <i>see</i>	–	6.1	2713
Dibenzoyl Peroxide (concentration > 35 – 52% , with inert solid), <i>see</i>	–	5.2	3106
Dibenzoyl Peroxide (concentration > 36 – 42% , with diluent Type A and water), <i>see</i>	–	5.2	3107
Dibenzoyl Peroxide (concentration > 51 – 100% , with inert solid), <i>see</i>	–	5.2	3102
Dibenzoyl Peroxide (concentration > 52 – 62% , as a paste, with Diluent Type A, with or without water), <i>see</i>	–	5.2	3106
Dibenzoyl Peroxide (concentration > 77 – 94% , with water), <i>see</i>	–	5.2	3102
Dibenzoyl Peroxide (concentration $\leq 35\%$, with inert solid) (exempt)	–	–	–
Dibenzoyl Peroxide (concentration $\leq 42\%$ as a stable dispersion in water), <i>see</i>	–	5.2	3109
Dibenzoyl Peroxide (concentration $\leq 52\%$, as a paste, with Diluent Type A, with or without water), <i>see</i>	–	5.2	3108
Dibenzoyl Peroxide (concentration $\leq 56.5\%$ as a paste, with water), <i>see</i>	–	5.2	3108
Dibenzoyl Peroxide (concentration $\leq 62\%$, with inert solid and water), <i>see</i>	–	5.2	3106
Dibenzoyl Peroxide (concentration $\leq 77\%$, with water), <i>see</i>	–	5.2	3104
DIBENZYL-DICHLOROSILANE	–	8	2434
DIBORANE	–	2.3	1911
1,3-Dibromobenzene, <i>see</i>	P	9	3082
1,2-DIBROMOBUTAN-3-ONE	–	6.1	2648
1,2-Dibromo-3-chloropropane (pesticides), <i>see</i> DIBROMOCHLOROPROPANES	–	6.1	2872
DIBROMOCHLOROPROPANES	–	6.1	2872
DIBROMODIFLUOROMETHANE	–	9	1941
1,2-Dibromoethane, <i>see</i>	–	6.1	1605
DIBROMOMETHANE	–	6.1	2664
2,5-Dibutoxy-4-(4-morpholinyl)-benzenediazonium Tetrachlorozincate(2:1) (concentration 100%), <i>see</i>	–	4.1	3228

Substance, material or article	MP	Class	UN No.
Di- <i>n</i> -BUTYLAMINE	–	8	2248
<i>N,N</i> -Di- <i>n</i> -BUTYLAMINOETHANOL	–	6.1	2873
Dibutylaminoethanol, <i>see</i>	–	6.1	2873
2-Dibutylaminoethanol, <i>see</i>	–	6.1	2873
1,4-Di- <i>tert</i> -butylbenzene, <i>see</i>	P	9	3077
Di-(4- <i>tert</i> -butylcyclohexyl) Peroxydicarbonate (concentration ≤ 100%), <i>see</i>	–	5.2	3114
Di-(4- <i>tert</i> -butylcyclohexyl) Peroxydicarbonate (concentration ≤ 42%, as a stable dispersion in water), <i>see</i>	–	5.2	3119
DIBUTYL ETHERS	–	3	1149
Di- <i>normal</i> -butyl Ketone, <i>see</i>	P	3	1224
Di- <i>tert</i> -butyl Peroxide (concentration > 52–100%), <i>see</i>	–	5.2	3107
Di- <i>tert</i> -butyl Peroxide (concentration ≤ 52%, with diluent Type B), <i>see</i>	–	5.2	3109
Di- <i>tert</i> -butyl Peroxyazolate (concentration ≤ 52%, with diluent Type A), <i>see</i>	–	5.2	3105
2,2-Di-(<i>tert</i> -butylperoxy)butane (concentration ≤ 52%, with diluent Type A), <i>see</i>	–	5.2	3103
1,6-Di-(<i>tert</i> -butylperoxycarbonyloxy)hexane (concentration ≤ 72%, with diluent Type A), <i>see</i>	–	5.2	3103
1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration > 42–52%, with diluent Type A)	–	5.2	3105
1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration > 52–80%, with diluent Type A), <i>see</i>	–	5.2	3103
1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration > 80–100%), <i>see</i>	–	5.2	3101
1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration ≤ 13%, with diluents Type A and B), <i>see</i>	–	5.2	3109
1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration ≤ 27%, with diluent Type A), <i>see</i>	–	5.2	3107
1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration ≤ 42%, with diluent Type A), <i>see</i>	–	5.2	3109
1,1-Di-(<i>tert</i> -butylperoxy)cyclohexane (concentration ≤ 42%, with diluent Type A and inert solid), <i>see</i>	–	5.2	3106
Di- <i>n</i> -butyl Peroxydicarbonate (concentration > 27–52%, with diluent Type B), <i>see</i>	–	5.2	3115
Di- <i>n</i> -butyl peroxydicarbonate (concentration ≤ 27%, with diluent Type B), <i>see</i>	–	5.2	3317
Di- <i>n</i> -butyl Peroxydicarbonate (concentration ≤ 42% as a stable dispersion in water (frozen)), <i>see</i>	–	5.2	3118
Di- <i>sec</i> -butyl peroxydicarbonate (concentration > 52–100%), <i>see</i>	–	5.2	3113
Di- <i>sec</i> -butyl Peroxydicarbonate (concentration ≤ 52%, with diluent Type B), <i>see</i>	–	5.2	3115
Di-(2- <i>tert</i> -butylperoxyisopropyl)benzene(s) (concentration > 42–100%, with inert solid), <i>see</i>	–	5.2	3106
Di-(2- <i>tert</i> -butylperoxyisopropyl)benzene(s) (concentration ≤ 42%, with inert solid) (exempt)	–	–	–
Di-(<i>tert</i> -butylperoxy) Phthalate (concentration > 42–52%, with diluent Type A), <i>see</i>	–	5.2	3105
Di-(<i>tert</i> -butylperoxy) Phthalate (concentration ≤ 42%, with diluent Type A), <i>see</i>	–	5.2	3107
Di-(<i>tert</i> -butylperoxy) Phthalate (concentration ≤ 52%, as a paste with diluent Type A, with or without water), <i>see</i>	–	5.2	3106
2,2-Di-(<i>tert</i> -butylperoxy)propane (concentration ≤ 42%, with diluent Type A), <i>see</i>	–	5.2	3106

Substance, material or article	MP	Class	UN No.
2,2-Di-(<i>tert</i> -butylperoxy)propane (concentration \leq 52% with diluent Type A), <i>see</i>	–	5.2	3105
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration $>$ 57–90%, with diluent Type A), <i>see</i>	–	5.2	3103
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration $>$ 90–100%), <i>see</i>	–	5.2	3101
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration \leq 32%, with diluents Type A and B), <i>see</i>	–	5.2	3107
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration \leq 57%, with diluent Type A), <i>see</i>	–	5.2	3107
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration \leq 57%, with inert solid), <i>see</i>	–	5.2	3110
1,1-Di-(<i>tert</i> -butylperoxy)-3,3,5-trimethylcyclohexane (concentration \leq 77%, with diluent Type B), <i>see</i>	–	5.2	3103
2,4-Di- <i>tert</i> -butylphenol, <i>see</i>	P	8	2430
2,6-Di- <i>tert</i> -butylphenol, <i>see</i>	PP	8	2430
Di- <i>n</i> -Butyl Phthalate, <i>see</i>	P	9	3082
Dicetyl Peroxydicarbonate (concentration \leq 100%), <i>see</i>	–	5.2	3116
Dicetyl Peroxydicarbonate (concentration \leq 42% as a stable dispersion in water), <i>see</i>	–	5.2	3119
Dichlofenthion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
DICHLOROACETIC ACID	–	8	1764
1,3-DICHLOROACETONE	–	6.1	2649
DICHLOROACETYL CHLORIDE	–	8	1765
DICHLOROANILINES, LIQUID	P	6.1	1590
DICHLOROANILINES, SOLID	P	6.1	3442
<i>ortho</i> -DICHLOROBENZENE	–	6.1	1591
1,2-Dichlorobenzene, <i>see</i>	–	6.1	1591
1,3-Dichlorobenzene, <i>see</i>	P	6.1	2810
1,4-Dichlorobenzene, <i>see</i>	P	9	3082
<i>meta</i> -Dichlorobenzene, <i>see</i>	P	6.1	2810
<i>para</i> -Dichlorobenzene, <i>see</i>	P	9	3082
Di-(4-chlorobenzoyl) Peroxide (concentration \leq 32%, with inert solid) (exempt)	–	–	–
Di-4-chlorobenzoyl Peroxide (concentration \leq 52%, as a paste, with diluent Type A, with or without water), <i>see</i>	–	5.2	3106
Di-4-chlorobenzoyl Peroxide (concentration \leq 77%, with water), <i>see</i>	–	5.2	3102
2,2'-DICHLORODIETHYL ETHER	–	6.1	1916
DICHLORODIFLUOROMETHANE	–	2.2	1028
DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE with approximately 74% dichlorodifluoromethane	–	2.2	2602
Dichlorodifluoromethane and Ethylene Oxide Mixture, <i>see</i>	–	2.2	3070
DICHLORODIMETHYL ETHER, SYMMETRICAL	–	6.1	2249
1,1-DICHLOROETHANE	–	3	2362
1,2-Dichloroethane, <i>see</i>	–	3	1184
1,2-DICHLOROETHYLENE	–	3	1150
1,1-Dichloroethylene, Stabilized, <i>see</i>	P	3	1303
Di-(2-chloroethyl) Ether, <i>see</i>	–	6.1	1916
DICHLOROFLUOROMETHANE	–	2.2	1029
1,6-Dichlorohexane, <i>see</i>	P	9	3082
<i>alpha</i> -Dichlorohydrin, <i>see</i>	–	6.1	2750

Substance, material or article	MP	Class	UN No.
DICHLOROISOCYANURIC ACID, DRY	-	5.1	2465
DICHLOROISOCYANURIC ACID, SALTS	-	5.1	2465
Dichloroisopropyl Alcohol, <i>see</i>	-	6.1	2750
DICHLOROISOPROPYL ETHER	-	6.1	2490
DICHLOROMETHANE	-	6.1	1593
1,1-DICHLORO-1-NITROETHANE	-	6.1	2650
DICHLOROPENTANES	-	3	1152
Dichlorophenols, Liquid, <i>see</i>	-	6.1	2021
Dichlorophenols, Solid, <i>see</i>	-	6.1	2020
DICHLOROPHENYL ISOCYANATES	-	6.1	2250
DICHLOROPHENYLTRICHLOROSILANE	P	8	1766
1,2-DICHLOROPROPANE	-	3	1279
1,1-Dichloropropane, <i>see</i>	-	3	1993
1,3-Dichloropropane, <i>see</i>	-	3	1993
1,3-DICHLOROPROPANOL-2	-	6.1	2750
1,3-Dichloro-2-propanone, <i>see</i>	-	6.1	2649
DICHLOROPROPENES	-	3	2047
DICHLOROSILANE	-	2.3	2189
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	-	2.2	1958
Dichloro-s-triazine-2,4,6-trione	-	5.1	2465
Dichlorvos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	-	-
Diclofop-methyl, <i>see</i> Note 1	PP	-	-
Dicoumarol, <i>see</i> COUMARIN DERIVATIVE PESTICIDE	-	-	-
Dicrotophos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	-	-
Dicumyl Peroxide (concentration > 52–100%, with inert solid), <i>see</i>	-	5.2	3110
Dicumyl Peroxide (concentration ≤ 52%, with inert solid) (exempt)	-	-	-
1,4-Dicyanobutane, <i>see</i>	-	6.1	2205
Dicyanogen, <i>see</i>	-	2.3	1026
Dicycloheptadiene, Stabilized, <i>see</i>	-	3	2251
DICYCLOHEXYLAMINE	-	8	2565
Dicyclohexylamine nitrite, <i>see</i>	-	4.1	2687
DICYCLOHEXYLAMMONIUM NITRITE	-	4.1	2687
Dicyclohexyl Peroxydicarbonate (concentration > 91–100%), <i>see</i>	-	5.2	3112
Dicyclohexyl Peroxydicarbonate (concentration ≤ 42% as a stable dispersion in water), <i>see</i>	-	5.2	3119
Dicyclohexyl Peroxydicarbonate (concentration ≤ 91%, with water), <i>see</i>	-	5.2	3114
DICYCLOPENTADIENE	-	3	2048
Didecanoyl Peroxide (concentration ≤ 100%), <i>see</i>	-	5.2	3114
Didecanoyl Peroxide (concentration ≤ 22%, with water), <i>see</i>	-	5.2	3107
2,2-Di-(4,4-di-(<i>tert</i> -butylperoxy)cyclohexyl)propane (concentration ≤ 22%, with water), <i>see</i>	-	5.2	3107
2,2-Di-(4,4-di-(<i>tert</i> -butylperoxy)cyclohexyl)propane (concentration ≤ 42%, with inert solid), <i>see</i>	-	5.2	3106
Di-(2,4-dichlorobenzoyl) Peroxide (concentration ≤ 52%, as a paste, with Silicon Oil), <i>see</i>	-	5.2	3106
Di-(2,4-dichlorobenzoyl) Peroxide (concentration ≤ 77%, with water), <i>see</i>	-	5.2	3102
DIDYMIUM NITRATE	-	5.1	1465

Substance, material or article	MP	Class	UN No.
Dieldrin, see ORGANOCHLORINE PESTICIDE	PP	–	–
DIESEL FUEL	–	3	1202
1,1-Diethoxyethane, see	–	3	1088
1,2-Diethoxyethane, see	–	3	1153
Di-(2-ethoxyethyl)peroxydicarbonate (concentration $\leq 52\%$, with diluent Type B), see	–	5.2	3115
DIETHOXYMETHANE	–	3	2373
2,5-Diethoxy-4-morpholinobenzenediazonium Tetrafluoroborate (concentration 100%), see	–	4.1	3236
2,5-Diethoxy-4-morpholinobenzenediazonium Zinc Chloride (concentration 66%), see	–	4.1	3236
2,5-Diethoxy-4-morpholinobenzenediazonium Zinc Chloride (concentration 67–100%), see	–	4.1	3236
2,5-Diethoxy-4-(4-morpholinyl)benzenediazonium Sulphate (concentration 100%), see	–	4.1	3226
2,5-Diethoxy-4-(phenylsulphonyl)benzenediazonium Zinc Chloride (concentration 67%), see	–	4.1	3236
3,3-DIETHOXYPROPENE	–	3	2374
Diethylacetaldehyde, see	–	3	1178
DIETHYLAMINE	–	3	1154
1-Diethylamino-4-aminopentane, see	–	6.1	2946
2-DIETHYLAMINOETHANOL	–	8	2686
Diethylaminoethanol, see	–	8	2686
3-DIETHYLAMINOPROPYLAMINE	–	3	2684
N,N-DIETHYLANILINE	–	6.1	2432
DIETHYLBENZENES	–	3	2049
Diethyl Carbinol, see	–	3	1105
DIETHYL CARBONATE	–	3	2366
DIETHYLDICHLOROSILANE	–	8	1767
Diethylenediamine, see	–	8	2579
Diethylenediamine, Solid, see	–	8	2579
1,4-Diethylene Dioxide, see	–	3	1165
Diethyleneglycol Bis(allyl carbonate) + Di-isopropyl peroxydicarbonate (concentration $\leq 88\% + \leq 12\%$), see	–	4.1	3237
DIETHYLENEGLYCOL DINITRATE, DESENSITIZED with not less than 25% non-volatile water-insoluble phlegmatizer, by mass	–	1.1D	0075
Diethylene Oxide, see	–	3	1165
DIETHYLENETRIAMINE	–	8	2079
N,N-Diethylethanolamine, see	–	8	2686
DIETHYL ETHER	–	3	1155
N,N-DIETHYLETHYLENEDIAMINE	–	8	2685
Diethyl Formal, see	–	3	2373
Di-(2-ethylhexyl) Peroxydicarbonate (concentration $> 77-100\%$), see	–	5.2	3113
Di-(2-ethylhexyl) Peroxydicarbonate (concentration $\leq 52\%$, as a stable dispersion in water (frozen)), see	–	5.2	3120
Di-(2-ethylhexyl) Peroxydicarbonate (concentration $\leq 52\%$, as a stable dispersion in water), see	–	5.2	3119
Di-(2-ethylhexyl) Peroxydicarbonate (concentration $\leq 62\%$, as a stable dispersion in water), see	–	5.2	3117
Di-(2-ethylhexyl) Peroxydicarbonate (concentration $\leq 77\%$, with diluent Type B), see	–	5.2	3115

Substance, material or article	MP	Class	UN No.
Di-(2-ethylhexyl)phosphoric acid, <i>see</i>	–	8	1902
DIETHYL KETONE	–	3	1156
Diethyl Oxalate, <i>see</i>	–	6.1	2525
<i>N,N</i> -Diethyl-1,3-propanediamine, <i>see</i>	–	3	2684
DIETHYL SULPHATE	–	6.1	1594
DIETHYL SULPHIDE	–	3	2375
DIETHYLTHIOPHOSPHORYL CHLORIDE	–	8	2751
Difenacoum, <i>see</i> COUMARIN DERIVATIVE PESTICIDE	–	–	–
Difenzoquat, <i>see</i> PESTICIDE, N.O.S.	–	–	–
2,4-Difluoroaniline, <i>see</i>	–	6.1	2941
Difluorochloroethane, <i>see</i>	–	2.1	2517
Difluorodibromomethane, <i>see</i>	–	9	1941
1,1-DIFLUOROETHANE	–	2.1	1030
Difluoroethane and Dichlorodifluoromethane, Azeotropic Mixture with approximately 74% dichlorodifluoromethane, <i>see</i> DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE, AZEOTROPIC MIXTURE	–	–	–
1,1-DIFLUOROETHYLENE	–	2.1	1959
DIFLUOROMETHANE	–	2.1	3252
DIFLUOROPHOSPHORIC ACID, ANHYDROUS	–	8	1768
2,2-Dihydroperoxypropane (concentration $\leq 27\%$, with inert solid), <i>see</i>	–	5.2	3102
2,3-DIHYDROPYRAN	–	3	2376
<i>meta</i> -Dihydroxybenzene, <i>see</i>	–	6.1	2876
Di-(1-hydroxycyclohexyl) Peroxide (concentration $\leq 100\%$), <i>see</i>	–	5.2	3106
DIISOBUTYLAMINE	–	3	2361
DIISOBUTYLENES, ISOMERIC COMPOUNDS	–	3	2050
DIISOBUTYL KETONE	–	3	1157
Diisobutyl Peroxide (concentration $> 32-52\%$, with diluent Type A), <i>see</i>	–	5.2	3111
Diisobutyl Peroxide (concentration $\leq 32\%$, with diluent Type B), <i>see</i>	–	5.2	3115
DIISOCTYL ACID PHOSPHATE	–	8	1902
Diisopropyl, <i>see</i>	–	3	2457
DIISOPROPYLAMINE	–	3	1158
Diisopropylbenzene dihydroperoxide (concentration $\leq 82\%$, with diluent Type A and water), <i>see</i>	–	5.2	3106
Diisopropylbenzenes, <i>see</i>	P	9	3082
DIISOPROPYL ETHER	–	3	1159
Diisopropyl naphthalenes, mixed isomers, <i>see</i>	P	9	3082
Diisopropyl Peroxidicarbonate (concentration $\leq 28\%$, with diluent Type A), <i>see</i>	–	5.2	3115
Diisopropyl Peroxydicarbonate (concentration $> 52-100\%$), <i>see</i>	–	5.2	3112
Diisopropyl Peroxydicarbonate (concentration $\leq 52\%$, with Diluent Type B), <i>see</i>	–	5.2	3115
DIKETENE, STABILIZED	–	6.1	2521
Dilauroyl Peroxide (concentration $\leq 100\%$), <i>see</i>	–	5.2	3106
Dilauroyl Peroxide (concentration $\leq 42\%$, as a stable dispersion in water), <i>see</i>	–	5.2	3109
Dimefox, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Dimetan, <i>see</i> CARBAMATE PESTICIDE	–	–	–
Dimethoate, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–

Substance, material or article	MP	Class	UN No.
Di-(3-methoxybutyl) Peroxydicarbonate (concentration $\leq 52\%$, with diluent Type B), see	–	5.2	3115
1,1-DIMETHOXYETHANE	–	3	2377
1,2-DIMETHOXYETHANE	–	3	2252
Dimethoxymethane, see	–	3	1234
2,5-Dimethoxy-4-(4-methylphenylsulphonyl)benzenediazonium Zinc Chloride (concentration 79%), see	–	4.1	3236
Dimethoxystrychnine, see	–	6.1	1570
Dimethyl Acetal, see	–	3	2377
1,1-Dimethylacetone, see	–	3	2397
Dimethylacetylene, see	–	3	1144
DIMETHYLAMINE, ANHYDROUS	–	2.1	1032
DIMETHYLAMINE, AQUEOUS SOLUTION	–	3	1160
4-(Dimethylamino)benzenediazonium trichlorozincate(–1) (concentration 100%), see	–	4.1	3228
2-DIMETHYLAMINOACETONITRILE	–	3	2378
4-Dimethylamino-6-(2-dimethylaminoethoxy)toluene-2- diazonium Zinc Chloride (concentration 100%), see	–	4.1	3236
2-DIMETHYLAMINOETHANOL	–	8	2051
2-DIMETHYLAMINOETHYL ACRYLATE	–	6.1	3302
2-DIMETHYLAMINOETHYL METHACRYLATE	–	6.1	2522
N,N-DIMETHYLANILINE	–	6.1	2253
3,4-Dimethylaniline, see	–	6.1	1711
Dimethylarsinic Acid, see	–	6.1	1572
Dimethylbenzenes, see	–	3	1307
Di-(3-methylbenzoyl) Peroxide (concentration $\leq 20\%$), with Benzoyl-(3-methylbenzoyl) Peroxide (concentration $\leq 18\%$), with Dibenzoyl Peroxide (concentration $\leq 4\%$) and diluent Type B, see	–	5.2	3115
Di-(4-methylbenzoyl) Peroxide (concentration $\leq 52\%$ as a paste with silicon oil), see	–	5.2	3106
Di-(2-methylbenzoyl) Peroxide (concentration $\leq 87\%$, with water), see	–	5.2	3112
Dimethylbenzylamine, see	–	8	2619
N,N-Dimethylbenzylamine, see	–	8	2619
2,3-DIMETHYLBUTANE	–	3	2457
1,3-DIMETHYLBUTYLAMINE	–	3	2379
DIMETHYLCARBAMOYL CHLORIDE	–	8	2262
Dimethyl Carbinol, see	–	3	1219
DIMETHYL CARBONATE	–	3	1161
DIMETHYLCYCLOHEXANES	–	3	2263
N,N-DIMETHYLCYCLOHEXYLAMINE	–	8	2264
2,5-Dimethyl-2,5-di-(benzoylperoxy)hexane (concentration $> 82-100\%$), see	–	5.2	3102
2,5-Dimethyl-2,5-di-(benzoylperoxy)hexane (concentration $\leq 82\%$, with inert solid), see	–	5.2	3106
2,5-Dimethyl-2,5-di-(benzoylperoxy)hexane (concentration $\leq 82\%$, with water), see	–	5.2	3104
2,5-Dimethyl-2,5-di-(tert-butylperoxy)hexane (concentration $> 52-100\%$), see	–	5.2	3105
2,5-Dimethyl-2,5-di-(tert-butylperoxy)hexane (concentration $\leq 47\%$, as a paste), see	–	5.2	3108
2,5-Dimethyl-2,5-di-(tert-butylperoxy)hexane (concentration $\leq 52\%$, with diluent Type A), see	–	5.2	3109

Substance, material or article	MP	Class	UN No.
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexane (concentration $\leq 77\%$, with inert solid), see	–	5.2	3108
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexyne-3 (concentration $> 52\text{--}86\%$, with diluent Type A), see	–	5.2	3103
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexyne-3 (concentration $> 86\text{--}100\%$), see	–	5.2	3101
2,5-Dimethyl-2,5-di-(<i>tert</i> -butylperoxy)hexyne-3 (concentration $\leq 52\%$, with inert solid), see	–	5.2	3106
DIMETHYLDICHLOROSILANE	–	3	1162
DIMETHYLDIETHOXSILANE	–	3	2380
2,5-Dimethyl-2,5-di-(2-ethylhexanoylperoxy)hexane (concentration $\leq 100\%$), see	–	5.2	3113
2,5-Dimethyl-2,5-dihydroperoxyhexane (concentration $\leq 82\%$, with water), see	–	5.2	3104
DIMETHYLDIOXANES	–	3	2707
DIMETHYL DISULPHIDE	–	3	2381
2,5-Dimethyl-2,5-di-(3,5,5-trimethylhexanoylperoxy)hexane (concentration $\leq 77\%$, with diluent Type A), see	–	5.2	3105
<i>N,N</i> -Dimethyldodecylamine, see Note 1	PP	–	–
Dimethyleneimine, Stabilized, see	–	6.1	1185
Dimethylethanolamine, see	–	8	2051
DIMETHYL ETHER	–	2.1	1033
<i>N,N</i> -DIMETHYLFORMAMIDE	–	3	2265
<i>N,N</i> -Dimethylglycinonitrile, see	–	3	2378
Dimethylglyoxal, see	–	3	2346
2,6-Dimethyl-4-heptanone, see	–	3	1157
1,1-Dimethylhydrazine, see	P	6.1	1163
1,2-Dimethylhydrazine, see	P	6.1	2382
DIMETHYLHYDRAZINE, SYMMETRICAL	P	6.1	2382
DIMETHYLHYDRAZINE, UNSYMMETRICAL	P	6.1	1163
1,1-Dimethyl-3-hydroxybutyl Peroxyneohexanoate (concentration $\leq 52\%$, with diluent Type A), see	–	5.2	3117
Dimethyl Ketone, see	–	3	1090
Dimethyl Ketone Solutions, see	–	3	1090
<i>N,N</i> -Dimethyl-4-nitroso-aniline, see	–	4.2	1369
<i>para</i> -Dimethylnitrosoaniline, see	–	4.2	1369
Dimethylphenols, Liquid, see	–	6.1	3430
Dimethylphenols, Solid, see	–	6.1	2261
Dimethyl Phosphorochlorodithionate, see	–	6.1	2267
2,2-DIMETHYLPROPANE	–	2.1	2044
<i>N,N</i> -DIMETHYLPROPYLAMINE	–	3	2266
Dimethyl- <i>n</i> -propylamine, see	–	3	2266
Dimethyl <i>normal</i> -Propyl Carbinol, see	–	3	2560
DIMETHYL SULPHATE	–	6.1	1595
DIMETHYL SULPHIDE	–	3	1164
DIMETHYL THIOPHOSPHORYL CHLORIDE	–	6.1	2267
Dimetilan, see CARBAMATE PESTICIDE	–	–	–
Dimexano, see PESTICIDE, N.O.S.	–	–	–
Dimyristyl Peroxydicarbonate (concentration $\leq 100\%$), see	–	5.2	3116
Dimyristyl Peroxydicarbonate (concentration $\leq 42\%$, as a stable dispersion in water), see	–	5.2	3119

Substance, material or article	MP	Class	UN No.
Di-(2-neodecanoylperoxyisopropyl)benzene (concentration $\leq 52\%$, with diluent Type A), see	–	5.2	3115
DINGU	–	1.1D	0489
DINITROANILINES	–	6.1	1596
DINITROBENZENES, LIQUID	–	6.1	1597
DINITROBENZENES, SOLID	–	6.1	3443
Dinitrochlorobenzenes, Liquid, see	P	6.1	1577
Dinitrochlorobenzenes, Solid, see	P	6.1	3441
Dinitrogen Oxide, see	–	2.2	1070
Dinitrogen Oxide, Refrigerated Liquid, see	–	2.2	2201
DINITROGEN TETROXIDE	–	2.3	1067
Dinitrogen Tetroxide and Nitric Oxide Mixtures, see NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE	–	–	–
Dinitrogen Trioxide, see	–	2.3	2421
DINITROGLYCOURIL	–	1.1D	0489
DINITRO- <i>ortho</i> -CRESOL	P	6.1	1598
Dinitrophenates (class 1), see	P	1.3C	0077
Dinitrophenates, Wetted, see	P	4.1	1321
DINITROPHENOLATES alkali metals, dry or wetted with less than 15% water, by mass	P	1.3C	0077
DINITROPHENOLATES, WETTED with not less than 15% water, by mass	P	4.1	1321
DINITROPHENOL dry or wetted with less than 15% water, by mass	P	1.1D	0076
DINITROPHENOL SOLUTION	P	6.1	1599
DINITROPHENOL, WETTED with not less than 15% water, by mass	P	4.1	1320
DINITRORESORCINOL dry or wetted with less than 15% water, by mass	–	1.1D	0078
DINITRORESORCINOL, WETTED with not less than 15% water, by mass	–	4.1	1322
DINITROSOBENZENE	–	1.3C	0406
<i>N,N'</i> -Dinitroso- <i>N,N'</i> -dimethylterephthalamide, as a paste (concentration 72%), see	–	4.1	3224
<i>N,N'</i> -Dinitrosopentamethylenetetramine (concentration 82%), see	–	4.1	3224
Dinitrotoluene mixed with Sodium Chlorate, see	–	1.1D	0083
DINITROTOLUENES, LIQUID	–	6.1	2038
DINITROTOLUENES, MOLTEN	–	6.1	1600
DINITROTOLUENES, SOLID	–	6.1	3454
Dinobuton, see SUBSTITUTED NITROPHENOL PESTICIDE	P	–	–
Di- <i>n</i> -nonanoyl Peroxide (concentration $\leq 100\%$), see	–	5.2	3116
Dinoseb, see SUBSTITUTED NITROPHENOL PESTICIDE	P	–	–
Dinoseb Acetate, see SUBSTITUTED NITROPHENOL PESTICIDE	P	–	–
Dinoterb, see SUBSTITUTED NITROPHENOL PESTICIDE	–	–	–
Dinoterb Acetate, see SUBSTITUTED NITROPHENOL PESTICIDE	–	–	–
Di- <i>n</i> -octanoyl Peroxide (concentration $\leq 100\%$), see	–	5.2	3114
Dioxacarb, see CARBAMATE PESTICIDE	P	–	–
DIOXANE	–	3	1165
Dioxathion, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
DIOXOLANE	–	3	1166

Substance, material or article	MP	Class	UN No.
DIPENTENE	P	3	2052
Di- <i>normal</i> -pentylamine, <i>see</i>	–	3	2841
Diphacinone, <i>see</i> PESTICIDE, N.O.S.	P	–	–
Di-(2-phenoxyethyl) Peroxydicarbonate (concentration > 85–100%), <i>see</i>	–	5.2	3102
Di-(2-phenoxyethyl) Peroxydicarbonate (concentration ≤ 85%, with water), <i>see</i>	–	5.2	3106
Diphenyl, <i>see</i>	P	9	3077
DIPHENYLAMINE CHLOROARSINE	PP	6.1	1698
Diphenylbromomethane, <i>see</i>	–	8	1770
DIPHENYLCHLOROARSINE, LIQUID	PP	6.1	1699
DIPHENYLCHLOROARSINE, SOLID	PP	6.1	3450
DIPHENYLDICHLOROSILANE	–	8	1769
DIPHENYLMETHYL BROMIDE	–	8	1770
Diphenyloxide-4,4'-disulphonylhydrazide (concentration 100%), <i>see</i>	–	4.1	3226
DIPICRYLAMINE	–	1.1D	0079
DIPICRYL SULPHIDE dry or wetted with less than 10% water, by mass	–	1.1D	0401
DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass	–	4.1	2852
Di-2-propenylamine, <i>see</i>	–	3	2359
Dipropionyl Peroxide (concentration ≤ 27%, with diluent Type B), <i>see</i>	–	5.2	3117
Di- <i>normal</i> -propylamine, <i>see</i>	–	3	2383
DIPROPYLAMINE	–	3	2383
4-Dipropylaminobenzenediazonium Zinc Chloride (concentration 100%), <i>see</i>	–	4.1	3226
Dipropylenetriamine, <i>see</i>	–	8	2269
DIPROPYL ETHER	–	3	2384
DIPROPYL KETONE	–	3	2710
Di- <i>n</i> -propyl Peroxydicarbonate (concentration ≤ 100%), <i>see</i>	–	5.2	3113
Di- <i>n</i> -propyl Peroxydicarbonate (concentration ≤ 77%, with diluent Type B), <i>see</i>	–	5.2	3113
Diquat, <i>see</i> BIPYRIDILIUM PESTICIDE	–	–	–
DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	●	8	1903
DISINFECTANT, LIQUID, TOXIC, N.O.S.	●	6.1	3142
DISINFECTANT, SOLID, TOXIC, N.O.S.	●	6.1	1601
DISODIUM TRIOXOSILICATE	–	8	3253
Disodium Trioxosilicate, Pentahydrate, <i>see</i>	–	8	3253
Disuccinic Acid Peroxide (concentration > 72–100%), <i>see</i>	–	5.2	3102
Disuccinic Acid Peroxide (concentration ≤ 72%, with water), <i>see</i>	–	5.2	3116
Disulfoton, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Disulphuric Acid, <i>see</i>	–	8	1831
Disulphuryl Chloride, <i>see</i>	–	8	1817
Di-(3,5,5-trimethylhexanoyl) Peroxide (concentration > 38–82%, with diluent Type A), <i>see</i>	–	5.2	3115
Di-(3,5,5-trimethylhexanoyl) Peroxide (concentration ≤ 38%, with diluent Type A), <i>see</i>	–	5.2	3119
Di-(3,5,5-trimethylhexanoyl) Peroxide (concentration ≤ 52%, as a stable dispersion in water), <i>see</i>	–	5.2	3119
DIVINYL ETHER, STABILIZED	–	3	1167

Substance, material or article	MP	Class	UN No.
Divinyl Oxide, Stabilized, <i>see</i>	–	3	1167
Divinyl, Stabilized, <i>see</i>	–	2.1	1010
DNOC, <i>see</i>	P	6.1	1598
Dnoc (pesticide), <i>see</i> SUBSTITUTED NITROPHENOL PESTICIDE	P	–	–
Dodecahydrodiphenylamine, <i>see</i>	–	8	2565
Dodecene, <i>see</i>	–	3	2850
1-Dodecylamine, <i>see</i> Note 1	P	–	–
Dodecyl Diphenyl Oxide Disulphonate, <i>see</i>	P	9	3077
Dodecyl Hydroxypropyl Sulphide, <i>see</i> Note 1	PP	–	–
Dodecylphenol, <i>see</i>	PP	8	3145
DODECYLTRICHLOROSILANE	–	8	1771
Drazoxolon, <i>see</i> PESTICIDE, N.O.S.	P	–	–
DRY ICE	–	9	1845
DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	●	8	2801
DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	●	6.1	1602
DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	●	8	3147
DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	●	6.1	3143
DYE, LIQUID, CORROSIVE, N.O.S.	●	8	2801
DYE, LIQUID, TOXIC, N.O.S.	●	6.1	1602
DYE, SOLID, CORROSIVE, N.O.S.	●	8	3147
DYE, SOLID, TOXIC, N.O.S.	●	6.1	3143
Dynamite, <i>see</i>	–	1.1D	0081
Edifenphos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Electric Storage Batteries, <i>see</i> BATTERIES	–	–	–
Electrolyte (Acid) for Batteries	–	8	2796
Electrolyte (Alkaline) for Batteries	–	8	2797
ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flashpoint above 60°C, at or above its flashpoint	●	3	3256
ELEVATED TEMPERATURE LIQUID, N.O.S. at or above 100°C and below its flashpoint (including molten metals, molten salts, etc.)	●	9	3257
ELEVATED TEMPERATURE SOLID, N.O.S. at or above 240°C	●	9	3258
Enamel, <i>see</i> PAINT	–	–	–
Endosulfan, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	–	–
Endothal-sodium, <i>see</i> PESTICIDE, N.O.S.	–	–	–
Endothion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Endrin, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	–	–
Engines, Rocket, <i>see</i> ROCKET MOTORS WITH HYPERGOLIC LIQUIDS	–	–	–
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	●	9	3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	●	9	3077
EPIBROMOHYDRIN	P	6.1	2558
EPICHLOROHYDRIN	P	6.1	2023
EPN, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
1,2-Epoxybutane, Stabilized, <i>see</i>	–	3	3022
1,2-Epoxyethane, <i>see</i>	–	2.3	1040
1,2-Epoxyethane with Nitrogen up to a total pressure of 1 MPa (10 bar) at 50°C, <i>see</i>	–	2.3	1040

Substance, material or article	MP	Class	UN No.
1,2-EPOXY-3-ETHOXYPROPANE	–	3	2752
2,3-Epoxy-1-propanal, <i>see</i>	–	3	2622
1,2-Epoxypropane, <i>see</i>	–	3	1280
2,3-Epoxypropionaldehyde, <i>see</i>	–	3	2622
2,3-Epoxypropyl Ethyl Ether, <i>see</i>	–	3	2752
Esfenvalerate, <i>see</i> Note 1	PP	–	–
ESTERS, N.O.S.	–	3	3272
Ethanal, <i>see</i>	–	3	1089
ETHANE	–	2.1	1035
1,2-DI(DIMETHYLAMINO)ETHANE	–	3	2372
ETHANE, REFRIGERATED LIQUID	–	2.1	1961
Ethanethiol, <i>see</i>	P	3	2363
Ethanoic Anhydride, <i>see</i>	–	8	1715
ETHANOL	–	3	1170
ETHANOLAMINE	–	8	2491
ETHANOLAMINE SOLUTION	–	8	2491
ETHANOL SOLUTION	–	3	1170
Ethanoyl Chloride, <i>see</i>	–	3	1717
Ether, <i>see</i>	–	3	1155
ETHERS, N.O.S.	●	3	3271
Ethion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Ethoate-methyl, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Ethoprophos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
2-(<i>N,N</i> -Ethoxycarbonylphenylamino)-3-methoxy-4-(<i>N</i> -methyl- <i>N</i> -cyclohexylamino)benzenediazonium Zinc Chloride (concentration 62%), <i>see</i>	–	4.1	3236
2-(<i>N,N</i> -Ethoxycarbonylphenylamino)-3-methoxy-4-(<i>N</i> -methyl- <i>N</i> -cyclohexylamino)benzenediazonium Zinc Chloride (concentration 63–92%), <i>see</i>	–	4.1	3236
2-Ethoxyethanol, <i>see</i>	–	3	1171
2-Ethoxyethyl Acetate, <i>see</i>	–	3	1172
1-Ethoxypropane, <i>see</i>	–	3	2615
3-Ethoxy-1-propene, <i>see</i>	–	3	2335
ETHYL ACETATE	–	3	1173
Ethylacetic Acid, <i>see</i>	–	8	2820
Ethylacetone, <i>see</i>	–	3	1249
ETHYLACETYLENE, STABILIZED	–	2.1	2452
ETHYL ACRYLATE, STABILIZED	–	3	1917
Ethylal, <i>see</i>	–	3	2373
ETHYL ALCOHOL	–	3	1170
ETHYL ALCOHOL SOLUTION	–	3	1170
Ethyl Aldehyde, <i>see</i>	–	3	1089
Ethyl Allyl Ether, <i>see</i>	–	3	2335
ETHYLAMINE	–	2.1	1036
ETHYLAMINE, AQUEOUS SOLUTION with not less than 50% but not more than 70% ethylamine	–	3	2270
Ethyl <i>normal</i> -Amyl Ketone, <i>see</i>	–	3	2271
Ethyl <i>secondary</i> -Amyl Ketone, <i>see</i>	–	3	2271
ETHYL AMYL KETONES	–	3	2271
2-ETHYLANILINE	–	6.1	2273
<i>N</i> -ETHYLANILINE	–	6.1	2272

Substance, material or article	MP	Class	UN No.
<i>ortho</i> -Ethylaniline, <i>see</i>	–	6.1	2273
ETHYLBENZENE	–	3	1175
Ethylbenzol, <i>see</i>	–	3	1175
<i>N</i> -ETHYL- <i>N</i> -BENZYLANILINE	–	6.1	2274
<i>N</i> -ETHYLBENZYL TOLUIDINES, LIQUID	–	6.1	2753
<i>N</i> -ETHYLBENZYL TOLUIDINES, SOLID	–	6.1	3460
ETHYL BORATE	–	3	1176
ETHYL BROMIDE	–	6.1	1891
ETHYL BROMOACETATE	–	6.1	1603
Ethyl Butanoate, <i>see</i>	–	3	1180
2-ETHYLBUTANOL	–	3	2275
2-ETHYLBUTYL ACETATE	–	3	1177
2-Ethylbutyl Alcohol, <i>see</i>	–	3	2275
ETHYL BUTYL ETHER	–	3	1179
2-ETHYLBUTYRALDEHYDE	–	3	1178
ETHYL BUTYRATE	–	3	1180
Ethyl Carbonate, <i>see</i>	–	3	2366
ETHYL CHLORIDE	–	2.1	1037
ETHYL CHLOROACETATE	–	6.1	1181
Ethyl Chlorocarbonate, <i>see</i>	–	6.1	1182
Ethyl Chloroethanoate, <i>see</i>	–	6.1	1181
ETHYL CHLOROFORMATE	–	6.1	1182
ETHYL 2-CHLOROPROPIONATE	–	3	2935
ETHYL CHLOROTHIOFORMATE	P	8	2826
ETHYL CROTONATE	–	3	1862
Ethyl Cyanide, <i>see</i>	–	3	2404
Ethyl 3,3-di-(<i>tert</i> -amylperoxy)butyrate (concentration ≤ 67%, with diluent Type A), <i>see</i>	–	5.2	3105
Ethyl 3,3-di-(<i>tert</i> -butylperoxy)butyrate (concentration > 77–100%), <i>see</i>	–	5.2	3103
Ethyl 3,3-di-(<i>tert</i> -butylperoxy)butyrate (concentration ≤ 52%, with inert solid), <i>see</i>	–	5.2	3106
Ethyl 3,3-di-(<i>tert</i> -butylperoxy)butyrate (concentration ≤ 77%, with diluent Type A), <i>see</i>	–	5.2	3105
ETHYLDICHLOROARSINE	P	6.1	1892
ETHYLDICHLOROSILANE	–	4.3	1183
ETHYLENE	–	2.1	1962
ETHYLENE, ACETYLENE AND PROPYLENE MIXTURE, REFRIGERATED LIQUID containing at least 71.5% ethylene, with not more than 22.5% acetylene and not more than 6% propylene	–	2.1	3138
Ethylene Chloride, <i>see</i>	–	3	1184
ETHYLENE CHLOROHYDRIN	–	6.1	1135
ETHYLENEDIAMINE	–	8	1604
ETHYLENE DIBROMIDE	–	6.1	1605
Ethylene Dibromide and Methyl Bromide Mixture, Liquid, <i>see</i>	P	6.1	1647
ETHYLENE DICHLORIDE	–	3	1184
Ethylene Fluoride, <i>see</i>	–	2.1	1030
ETHYLENE GLYCOL DIETHYL ETHER	–	3	1153
Ethylene Glycol Dimethyl Ether, <i>see</i>	–	3	2252
ETHYLENE GLYCOL MONOETHYL ETHER	–	3	1171

Substance, material or article	MP	Class	UN No.
ETHYLENE GLYCOL MONOETHYL ETHER ACETATE	-	3	1172
ETHYLENE GLYCOL MONOMETHYL ETHER	-	3	1188
ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE	-	3	1189
ETHYLENEIMINE, STABILIZED	-	6.1	1185
ETHYLENE OXIDE	-	2.3	1040
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide	-	2.3	3300
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87% ethylene oxide	-	2.1	1041
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	-	2.2	1952
ETHYLENE OXIDE AND CHLOROTETRAFLUOROETHANE MIXTURE with not more than 8.8% ethylene oxide	-	2.2	3297
ETHYLENE OXIDE AND DICHLORODIFLUOROMETHANE MIXTURE with not more than 12.5% ethylene oxide	-	2.2	3070
ETHYLENE OXIDE AND PENTAFLUOROETHANE MIXTURE with not more than 7.9% ethylene oxide	-	2.2	3298
ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURE with not more than 30% ethylene oxide	-	3	2983
ETHYLENE OXIDE AND TETRAFLUOROETHANE MIXTURE with not more than 5.6% ethylene oxide	-	2.2	3299
ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50°C	-	2.3	1040
ETHYLENE, REFRIGERATED LIQUID	-	2.1	1038
Ethyl Ethanoate, <i>see</i>	-	3	1173
ETHYL ETHER	-	3	1155
Ethyl Fluid, <i>see</i>	P	6.1	1649
ETHYL FLUORIDE	-	2.1	2453
ETHYL FORMATE	-	3	1190
Ethyl Glycol, <i>see</i>	-	3	1171
Ethyl Glycol Acetate, <i>see</i>	-	3	1172
2-Ethylhexaldehyde, <i>see</i>	-	3	1191
3-Ethylhexaldehyde, <i>see</i>	-	3	1191
2-Ethylhexanal, <i>see</i>	-	3	1191
3-Ethylhexanal, <i>see</i>	-	3	1191
1-(2-Ethylhexanoylperoxy)-1,3-dimethylbutyl peroxy-pivalate (concentration ≤52%, with diluents Type A and B), <i>see</i>	-	5.2	3115
2-ETHYLHEXYLAMINE	-	3	2276
2-ETHYLHEXYL CHLOROFORMATE	-	6.1	2748
2-Ethylhexyl Nitrate, <i>see</i> Note 1	P	-	-
Ethyl Hydrosulphide, <i>see</i>	P	3	2363
Ethylidene Chloride, <i>see</i>	-	3	2362
Ethylidene Dichloride, <i>see</i>	-	3	2362
Ethylidene Diethyl Ether, <i>see</i>	-	3	1088
Ethylidene Difluoride, <i>see</i>	-	2.1	1030
Ethylidene Dimethyl Ether, <i>see</i>	-	3	2377
Ethylidene Fluoride, <i>see</i>	-	2.1	1030
ETHYL ISOBUTYRATE	-	3	2385
ETHYL ISOCYANATE	-	3	2481
Ethyl Isopropyl Ether, <i>see</i>	-	3	2615
ETHYL LACTATE	-	3	1192
ETHYL MERCAPTAN	P	3	2363

Substance, material or article	MP	Class	UN No.
ETHYL METHACRYLATE, STABILIZED	–	3	2277
Ethyl Methanoate, <i>see</i>	–	3	1190
1-Ethyl-2-methylbenzene, <i>see</i> Note 1	P	–	–
ETHYL METHYL ETHER	–	2.1	1039
ETHYL METHYL KETONE	–	3	1193
Ethyl 2-methylpropanoate, <i>see</i>	–	3	2385
ETHYL NITRITE (transport prohibited)	–	–	–
ETHYL NITRITE SOLUTION	–	3	1194
ETHYL ORTHOFORMATE	–	3	2524
ETHYL OXALATE	–	6.1	2525
Ethylphenylamine, <i>see</i>	–	6.1	2272
N-Ethyl-N-phenylbenzylamine, <i>see</i>	–	6.1	2274
ETHYLPHENYLDICHLOROSILANE	–	8	2435
5-Ethyl-2-picoline, <i>see</i>	–	6.1	2300
1-ETHYLPIPERIDINE	–	3	2386
N-Ethylpiperidine, <i>see</i>	–	3	2386
Ethyl Propenoate, Stabilized, <i>see</i>	–	3	1917
ETHYL PROPIONATE	–	3	1195
ETHYL PROPYL ETHERS	–	3	2615
Ethyl Silicate, <i>see</i>	–	3	1292
Ethyl Sulphate, <i>see</i>	–	6.1	1594
Ethyl Sulphide, <i>see</i>	–	3	2375
Ethyl Tetraphosphate, <i>see</i>	P	6.1	1611
Ethyl Thioalcohol, <i>see</i>	P	3	2363
Ethylthioethane, <i>see</i>	–	3	2375
N-ETHYLTOLUIDINES	–	6.1	2754
ETHYLTRICHLOROSILANE	–	3	1196
Ethyl Vinyl Ether, <i>see</i>	–	3	1302
Explosive Articles, N.O.S., <i>see</i> ARTICLES, EXPLOSIVE, N.O.S.	–	–	–
EXPLOSIVE, BLASTING, TYPE A	–	1.1D	0081
EXPLOSIVE, BLASTING, TYPE B	–	1.1D	0082
EXPLOSIVE, BLASTING, TYPE B	–	1.5D	0331
EXPLOSIVE, BLASTING, TYPE C	–	1.1D	0083
EXPLOSIVE, BLASTING, TYPE D	–	1.1D	0084
EXPLOSIVE, BLASTING, TYPE E	–	1.1D	0241
EXPLOSIVE, BLASTING, TYPE E	–	1.5D	0332
Explosive, Seismic, <i>see</i> EXPLOSIVE, BLASTING, TYPES A to D	–	–	–
Explosives, Emulsion, <i>see</i> EXPLOSIVE, BLASTING, TYPE E	–	–	–
Explosive, Slurry, <i>see</i> EXPLOSIVE, BLASTING, TYPE E	–	–	–
Explosive Substances, N.O.S., <i>see</i> SUBSTANCES, EXPLOSIVE, N.O.S.	–	–	–
Explosive Train Components, N.O.S., <i>see</i> COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	–	–	–
Explosive, Watergel, <i>see</i> EXPLOSIVE, BLASTING, TYPE E	–	–	–
EXTRACTS, AROMATIC, LIQUID	●	3	1169
EXTRACTS, FLAVOURING, LIQUID	●	3	1197
FABRICS, ANIMAL with oil	●	4.2	1373
FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	●	4.1	1353

Substance, material or article	MP	Class	UN No.
FABRICS, SYNTHETIC, N.O.S. with oil	●	4.2	1373
FABRICS, VEGETABLE with oil	●	4.2	1373
Fenaminosulf, see PESTICIDE, N.O.S.	–	–	–
Fenaminphos, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
Fenbutatin Oxide, see Note 1	PP	–	–
Fenitrothion, see ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Fenoxapro-ethyl, see Note 1	PP	–	–
Fenoxaprop-P-ethyl, see Note 1	PP	–	–
Fenpropathrin, see PESTICIDE, N.O.S.	PP	–	–
Fensulfothion, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
Fenthion, see ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Fentin Acetate, see ORGANOTIN PESTICIDE	PP	–	–
Fentin Hydroxide, see ORGANOTIN PESTICIDE	PP	–	–
Fermentation Amyl Alcohol, see	–	3	1201
FERRIC ARSENATE	P	6.1	1606
FERRIC ARSENITE	P	6.1	1607
FERRIC CHLORIDE, ANHYDROUS	–	8	1773
FERRIC CHLORIDE SOLUTION	–	8	2582
FERRIC NITRATE	–	5.1	1466
Ferric Perchloride, Anhydrous, see	–	8	1773
Ferric Perchloride Solution, see	–	8	2582
FERROCERIUM	–	4.1	1323
Ferrosilicon with 25 to 30% silicon or with 90% or more silicon (including briquettes) (material hazardous only in bulk)	–	–	–
FERROSILICON with 30% or more but less than 90% silicon	–	4.3	1408
FERROUS ARSENATE	P	6.1	1608
FERROUS METAL BORINGS in a form liable to self-heating	–	4.2	2793
FERROUS METAL CUTTINGS in a form liable to self-heating	–	4.2	2793
FERROUS METAL SHAVINGS in a form liable to self-heating	–	4.2	2793
FERROUS METAL TURNINGS in a form liable to self-heating	–	4.2	2793
FERTILIZER AMMONIATING SOLUTION with free ammonia	–	2.2	1043
Fertilizers Containing Ammonium Nitrate, see AMMONIUM NITRATE FERTILIZERS	–	–	–
FIBRES ANIMAL burnt, wet or damp	–	4.2	1372
FIBRES, ANIMAL with oil, N.O.S.	●	4.2	1373
FIBRES, SYNTHETIC, N.O.S. with oil	●	4.2	1373
FIBRES VEGETABLE burnt, wet or damp	–	4.2	1372
FIBRES, VEGETABLE, DRY	–	4.1	3360
FIBRES, VEGETABLE with oil, N.O.S.	●	4.2	1373
FIBRES WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	●	4.1	1353
Filler, Liquid, see PAINT	–	–	–
Films, Nitrocellulose-base, from which gelatin has been removed; Film Scrap, see	–	4.2	2002
FILMS, NITROCELLULOSE BASE gelatin coated, except scrap	–	4.1	1324
FIRE EXTINGUISHER CHARGES corrosive liquid	–	8	1774
Fire Extinguisher Charges, Expelling, Explosive, see CARTRIDGES, POWER DEVICE	–	–	–
FIRE EXTINGUISHERS with compressed or liquefied gas	–	2.2	1044
FIRELIGHTERS, SOLID with flammable liquid	●	4.1	2623
FIREWORKS	–	1.1G	0333

Substance, material or article	MP	Class	UN No.
FIREWORKS	–	1.2G	0334
FIREWORKS	–	1.3G	0335
FIREWORKS	–	1.4G	0336
FIREWORKS	–	1.4S	0337
FIRST AID KIT	–	9	3316
FISHMEAL, STABILIZED Anti-oxidant treated. Moisture content greater than 5% but not exceeding 12% by mass. Fat content not more than 15%	–	9	2216
FISHMEAL, UNSTABILIZED High hazard. Unrestricted moisture content, Unrestricted fat content in excess of 12% by mass; Unrestricted fat content in excess of 15% by mass, in the case of anti-oxidant treated fishmeal	–	4.2	1374
FISHMEAL, UNSTABILIZED Not anti-oxidant treated. Moisture content: more than 5% but not more than 12%, by mass. Fat content: not more than 12%, by mass	–	4.2	1374
FISHSCRAP, STABILIZED Anti-oxidant treated. Moisture content greater than 5% but not exceeding 12% by mass. Fat content not more than 15%.	–	9	2216
FISHSCRAP, UNSTABILIZED High hazard. Unrestricted moisture content, Unrestricted fat content in excess of 12% by mass; Unrestricted fat content in excess of 15% by mass, in the case of anti-oxidant treated fishscrap	–	4.2	1374
FISHSCRAP, UNSTABILIZED Not anti-oxidant treated. Moisture content: more than 5% but not more than 12%, by mass. Fat content: not more than 12%, by mass	–	4.2	1374
Flammable Gas in Lighters, <i>see</i>	–	2.1	1057
FLAMMABLE LIQUID, CORROSIVE, N.O.S.	●	3	2924
FLAMMABLE LIQUID, N.O.S.	●	3	1993
FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	●	3	3286
FLAMMABLE LIQUID, TOXIC, N.O.S.	●	3	1992
FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	●	4.1	3180
FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	●	4.1	2925
FLAMMABLE SOLID, INORGANIC, N.O.S.	●	4.1	3178
FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	●	4.1	3176
FLAMMABLE SOLID, ORGANIC, N.O.S.	●	4.1	1325
FLAMMABLE SOLID, OXIDIZING, N.O.S.	●	4.1	3097
FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	●	4.1	3179
FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	●	4.1	2926
FLARES, AERIAL	–	1.1G	0420
FLARES, AERIAL	–	1.2G	0421
FLARES, AERIAL	–	1.3G	0093
FLARES, AERIAL	–	1.4G	0403
FLARES, AERIAL	–	1.4S	0404
Flares, Distress, Small, <i>see</i> SIGNAL DEVICES, HAND	–	–	–
Flares, Highway or Railway, <i>see</i> SIGNAL DEVICES, HAND	–	–	–
FLARES, SURFACE	–	1.1G	0418
FLARES, SURFACE	–	1.2G	0419
FLARES, SURFACE	–	1.3G	0092
Flares, water-activated, <i>see</i> CONTRIVANCES, WATER-ACTIVATED	–	–	–
FLASH POWDER	–	1.1G	0094
FLASH POWDER	–	1.3G	0305
Flax, Dry, <i>see</i>	–	4.1	3360
Flowers of Sulphur, <i>see</i>	–	4.1	1350

Substance, material or article	MP	Class	UN No.
Flue Dust, Arsenical, <i>see</i>	–	6.1	1562
Fluoric Acid, <i>see</i>	–	8	1790
Fluorine Compounds (pesticides), <i>see</i> PESTICIDE, N.O.S.	–	–	–
FLUORINE, COMPRESSED	–	2.3	1045
Fluorine Monoxide, Compressed, <i>see</i>	–	2.3	2190
Fluoroacetamide, <i>see</i> PESTICIDE, N.O.S.	–	–	–
FLUOROACETIC ACID	–	6.1	2642
FLUOROANILINES	–	6.1	2941
FLUOROBENZENE	–	3	2387
FLUOROBORIC ACID	–	8	1775
Fluoroethane, <i>see</i>	–	2.1	2453
Fluoroethanoic Acid, <i>see</i>	–	6.1	2642
Fluoroform, <i>see</i>	–	2.2	1984
Fluoroformyl Fluoride, Compressed, <i>see</i>	–	2.3	2417
Fluoromethane, <i>see</i>	–	2.1	2454
FLUOROPHOSPHORIC ACID, ANHYDROUS	–	8	1776
FLUOROSILICATES, N.O.S.	●	6.1	2856
FLUOROSILICIC ACID	–	8	1778
FLUROSULPHONIC ACID	–	8	1777
FLUOROTOLUENES	–	3	2388
Fonofos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Formal, <i>see</i>	–	3	1234
Formaldehyde Dimethylacetal, <i>see</i>	–	3	1234
FORMALDEHYDE SOLUTION, FLAMMABLE	–	3	1198
FORMALDEHYDE SOLUTION with not less than 25% formaldehyde	–	8	2209
Formalin Solution, flammable, <i>see</i>	–	3	1198
Formalin Solution with not less than 25% formaldehyde, <i>see</i>	–	8	2209
Formamidine Sulphinic Acid, <i>see</i>	–	4.2	3341
Formetanate, <i>see</i> CARBAMATE PESTICIDE	P	–	–
Formic Acid Ethyl Ester, <i>see</i>	–	3	1190
FORMIC ACID with more than 85% acid by mass	–	8	1779
FORMIC ACID with not less than 5% but less than 10% acid by mass	–	8	3412
FORMIC ACID with not less than 10% but not more than 85% acid by mass	–	8	3412
Formic Aldehyde Solution, Flammable, <i>see</i>	–	3	1198
Formothion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
2-Formyl-3,4-dihydro-2H-pyran, Stabilized, <i>see</i>	–	3	2607
N-Formyl-2-(nitromethylene)-perhydro-1,3-thiazine (concentration 100%), <i>see</i>	–	4.1	3236
FRACTURING DEVICES, EXPLOSIVE for oil wells, without detonator	–	1.1D	0099
FUEL, AVIATION, TURBINE ENGINE	–	3	1863
FUEL CELL CARTRIDGES containing flammable liquids	–	3	3473
Fuel Oil No. 1, <i>see</i>	–	3	1223
Fumaroyl Dichloride, <i>see</i>	–	8	1780
FUMARYL CHLORIDE	–	8	1780
FUMIGATED UNIT	–	9	3359
FURALDEHYDES	–	6.1	1199
FURAN	–	3	2389

Substance, material or article	MP	Class	UN No.
2-Furanmethylaniline, <i>see</i>	–	3	2526
Furathiocarb (ISO), <i>see</i> CARBAMATE PESTICIDES	PP	–	–
Furfuran, <i>see</i>	–	3	2389
FURFURYL ALCOHOL	–	6.1	2874
FURFURYLAMINE	–	3	2526
<i>alpha</i> -Furfurylamine, <i>see</i>	–	3	2526
2-Furyl Carbinol, <i>see</i>	–	6.1	2874
FUSE, DETONATING metal-clad	–	1.1D	0290
FUSE, DETONATING metal-clad	–	1.2D	0102
FUSE, DETONATING, MILD EFFECT metal-clad	–	1.4D	0104
FUSE, IGNITER tubular, metal-clad	–	1.4G	0103
FUSEL OIL	–	3	1201
FUSE, NON-DETONATING	–	1.3G	0101
FUSE, SAFETY	–	1.4S	0105
Fuze, Combination, Percussion or Time, <i>see</i> FUZES, DETONATING	–	–	–
FUZES, DETONATING	–	1.1B	0106
FUZES, DETONATING	–	1.2B	0107
FUZES, DETONATING	–	1.4B	0257
FUZES, DETONATING	–	1.4S	0367
FUZES, DETONATING with protective features	–	1.1D	0408
FUZES, DETONATING with protective features	–	1.2D	0409
FUZES, DETONATING with protective features	–	1.4D	0410
FUZES, IGNITING	–	1.3G	0316
FUZES, IGNITING	–	1.4G	0317
FUZES, IGNITING	–	1.4S	0368
GALLIUM	–	8	2803
GAS CARTRIDGES without a release device, non-refillable	–	2	2037
Gas Drips, Hydrocarbon, <i>see</i> HYDROCARBONS, LIQUID, N.O.S.	●	–	–
GAS OIL	–	3	1202
GASOLINE	●	3	1203
Gasoline, Casinghead, <i>see</i>	●	3	1203
GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.	●	2.1	3312
GAS, REFRIGERATED LIQUID, N.O.S.	●	2.2	3158
GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.	●	2.2	3311
GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S. not refrigerated liquid	●	2.1	3167
GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S. not refrigerated liquid	●	2.3	3168
GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S. not refrigerated liquid	●	2.3	3169
Gelatine, Blasting, <i>see</i>	–	1.1D	0081
Gelatine Dynamite, <i>see</i>	–	1.1D	0081
GENETICALLY MODIFIED MICRO-ORGANISMS	–	9	3245
GENETICALLY MODIFIED ORGANISMS	–	9	3245
GERMANE	–	2.3	2192
Germanium Hydride, <i>see</i>	–	2.3	2192
GLYCEROL- <i>alpha</i> -MONOCHLOROHYDRIN	–	6.1	2689
Glycerol-1,3-dichlorohydrin, <i>see</i>	–	6.1	2750

Substance, material or article	MP	Class	UN No.
Glycerol Trinitrate (class 1), <i>see</i> NITROGLYCERIN (class 1)	-	-	-
Glyceryl Trinitrate, <i>see</i>	-	3	1204
Glyceryl Trinitrate (class 1), <i>see</i> NITROGLYCERIN (class 1)	-	-	-
Glycidal, <i>see</i>	-	3	2622
GLYCIDALDEHYDE	-	3	2622
Glycol Chlorohydrin, <i>see</i>	-	6.1	1135
Glycol Dimethyl Ether, <i>see</i>	-	3	2252
GRENADDES hand or rifle, with bursting charge	-	1.1D	0284
GRENADDES hand or rifle, with bursting charge	-	1.1F	0292
GRENADDES hand or rifle, with bursting charge	-	1.2D	0285
GRENADDES hand or rifle, with bursting charge	-	1.2F	0293
Grenades, Illuminating, <i>see</i> AMMUNITION, ILLUMINATING	-	-	-
GRENADDES, PRACTICE hand or rifle	-	1.2G	0372
GRENADDES, PRACTICE hand or rifle	-	1.3G	0318
GRENADDES, PRACTICE hand or rifle	-	1.4G	0452
GRENADDES, PRACTICE hand or rifle	-	1.4S	0110
Grenades, Smoke, <i>see</i> AMMUNITION, SMOKE	-	-	-
Grignard Solution, <i>see</i>	-	4.3	1928
GUANIDINE NITRATE	-	5.1	1467
GUANYL NITROSAMINO GUANYLIDENE HYDRAZINE, WETTED with not less than 30% water, by mass	-	1.1A	0113
GUANYL NITROSAMINO GUANYLTETRAZENE, WETTED with not less than 30% water, or mixture of alcohol and water, by mass	-	1.1A	0114
GUNPOWDER, COMPRESSED	-	1.1D	0028
GUNPOWDER granular, or as a meal	-	1.1D	0027
GUNPOWDER IN PELLETS	-	1.1D	0028
HAFNIUM POWDER, DRY	-	4.2	2545
HAFNIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	-	4.1	1326
HAY	-	4.1	1327
HEATING OIL, LIGHT	-	3	1202
Heavy Hydrogen, <i>see</i>	-	2.1	1957
Heavy Hydrogen, Compressed, <i>see</i>	-	2.1	1957
HELIUM, COMPRESSED	-	2.2	1046
HELIUM, REFRIGERATED LIQUID	-	2.2	1963
Hemp, Dry, <i>see</i>	-	4.1	3360
Heptachlor, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	-	-
HEPTAFLUOROPROPANE	-	2.2	3296
HEPTALDEHYDE	-	3	3056
Heptanal, <i>see</i>	-	3	3056
HEPTANES	-	3	1206
2-Heptanone, <i>see</i>	-	3	1110
4-Heptanone, <i>see</i>	-	3	2710
HEPTENE	-	3	2278
Heptenophos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	-	-
Heptyl Aldehyde, <i>see</i>	-	3	3056
Heptylbenzene, <i>see</i>	P	9	3082

Substance, material or article	MP	Class	UN No.
Heptyl Chloride, <i>see</i>	P	3	1993
H E T P, <i>see</i>	P	6.1	1611
H E T P (and compressed gas, mixtures), <i>see</i>	–	2.3	1612
HEXACHLOROACETONE	–	6.1	2661
HEXACHLOROBENZENE	–	6.1	2729
HEXACHLOROBUTADIENE	PP	6.1	2279
Hexachloro-1,3-butadiene, <i>see</i>	PP	6.1	2279
1,3-Hexachlorobutadiene, <i>see</i>	PP	6.1	2279
HEXACHLOROCYCLOPENTADIENE	–	6.1	2646
Hexachlorophane, <i>see</i>	–	6.1	2875
HEXACHLOROPHENE	–	6.1	2875
Hexachloro-2-propanone, <i>see</i>	–	6.1	2661
HEXADECYLTRICHLOROSILANE	–	8	1781
1,3-Hexadiene, <i>see</i>	–	3	2458
1,4-Hexadiene, <i>see</i>	–	3	2458
1,5-Hexadiene, <i>see</i>	–	3	2458
2,4-Hexadiene, <i>see</i>	–	3	2458
HEXADIENES	–	3	2458
HEXAETHYL TETRAPHOSPHATE	P	6.1	1611
HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURE	–	2.3	1612
HEXAFLUOROACETONE	–	2.3	2420
HEXAFLUOROACETONE HYDRATE, LIQUID	–	6.1	2552
HEXAFLUOROACETONE HYDRATE, SOLID	–	6.1	3436
HEXAFLUOROETHANE	–	2.2	2193
HEXAFLUOROPHOSPHORIC ACID	–	8	1782
Hexafluoro-2-propanone, <i>see</i>	–	2.3	2420
HEXAFLUOROPROPYLENE	–	2.2	1858
Hexahydrobenzene, <i>see</i>	–	3	1145
Hexahydrocresol, <i>see</i>	–	3	2617
Hexahydromethylphenol, <i>see</i>	–	3	2617
Hexahydropyridine, <i>see</i>	–	8	2401
Hexahydrothiophenol, <i>see</i>	–	3	3054
Hexahydrotoluene, <i>see</i>	–	3	2296
HEXALDEHYDE	–	3	1207
Hexamethylene, <i>see</i>	–	3	1145
HEXAMETHYLENEDIAMINE, MOLTEN	–	8	2280
HEXAMETHYLENEDIAMINE, SOLID	–	8	2280
HEXAMETHYLENEDIAMINE SOLUTION	–	8	1783
HEXAMETHYLENE DIISOCYANATE	–	6.1	2281
HEXAMETHYLENEIMINE	–	3	2493
HEXAMETHYLENETETRAMINE	–	4.1	1328
Hexamine, <i>see</i>	–	4.1	1328
Hexane, <i>see</i>	–	3	1208
1,6-Hexanediamine, Solid, <i>see</i>	–	8	2280
1,6-Hexanediamine Solution, <i>see</i>	–	8	1783
HEXANES	–	3	1208
HEXANITRODIPHENYLAMINE	–	1.1D	0079
Hexanitrodiphenyl Sulphide, Wetted, <i>see</i>	–	4.1	2852

Substance, material or article	MP	Class	UN No.
HEXANITROSTILBENE	–	1.1D	0392
Hexanoic Acid, <i>see</i>	–	8	2829
HEXANOLS	–	3	2282
1-HEXENE	–	3	2370
HEXOGEN AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391
HEXOGEN AND HMX MIXTURE, WETTED with not less than 15% water, by mass	–	1.1D	0391
HEXOGEN AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391
HEXOGEN AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass	–	1.1D	0391
HEXOGEN, DESENSITIZED	–	1.1D	0483
HEXOGEN, WETTED with not less than 15% water, by mass	–	1.1D	0072
Hexoic Acid, <i>see</i>	–	8	2829
HEXOLITE dry or wetted with less than 15% water, by mass	–	1.1D	0118
Hexone, <i>see</i>	–	3	1245
HEXOTOL dry or wetted with less than 15% water, by mass	–	1.1D	0118
HEXOTONAL	–	1.1D	0393
HEXOTONAL cast, <i>see</i>	–	1.1D	0393
HEXYL	–	1.1D	0079
Hexyl Acetate, <i>see</i>	–	3	1233
Hexyl Aldehyde, <i>see</i>	–	3	1207
Hexylbenzene, <i>see</i>	P	9	3082
Hexyl Chloride, <i>see</i>	P	3	1993
<i>alpha</i> -Hexylene, <i>see</i>	–	3	2370
Hexylic Acid, <i>see</i>	–	8	2829
<i>tert</i> -Hexyl Peroxyneodecanoate (concentration $\leq 71\%$, with diluent Type A), <i>see</i>	–	5.2	3115
<i>tert</i> -Hexyl Peroxypivalate (concentration $\leq 72\%$, with diluent Type B), <i>see</i>	–	5.2	3115
HEXYLTRICHLOROSILANE	–	8	1784
HMDI, <i>see</i>	–	6.1	2281
HMX/RDX, <i>see</i>	–	1.1D	0391
HMX/TNT, <i>see</i>	–	1.1D	0266
HMX, WETTED with not less than 15% water, by mass	–	1.1D	0226
HYDRAZINE, ANHYDROUS	–	8	2029
HYDRAZINE, AQUEOUS SOLUTION with more than 37% hydrazine, by mass	–	8	2030
HYDRAZINE, AQUEOUS SOLUTION with not more than 37% hydrazine, by mass	–	6.1	3293
Hydrazine Base, Aqueous Solution, <i>see</i>	–	6.1	3293
Hydrazine hydrate, <i>see</i>	–	8	2030
Hydrazinobenzene, <i>see</i>	–	6.1	2572
Hydrides, Metal, Water-reactive, N.O.S., <i>see</i>	●	4.3	1409
HYDRIODIC ACID	–	8	1787
Hydriodic Acid, Anhydrous, <i>see</i>	–	2.3	2917
HYDROBROMIC ACID	–	8	1788
HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.	●	2.1	1964
HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S.	●	2.1	1965
HYDROCARBON GAS REFILLS FOR SMALL DEVICES with release device	–	2.1	3150

Substance, material or article	MP	Class	UN No.
HYDROCARBONS, LIQUID, N.O.S.	●	3	3295
HYDROCHLORIC ACID	–	8	1789
Hydrocyanic Acid, Anhydrous, Stabilized, containing less than 3% water, see	P	6.1	1051
Hydrocyanic Acid, Anhydrous, Stabilized, containing less than 3% water and absorbed in a porous inert material, see	P	6.1	1614
HYDROCYANIC ACID, AQUEOUS SOLUTION with not more than 20% hydrogen cyanide	P	6.1	1613
HYDROCYANIC ACID with more than 20% acid by mass (transport prohibited)	–	–	–
HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURE	–	8	1786
Hydrofluoric Acid, Anhydrous, see	–	8	1052
HYDROFLUORIC ACID solution, with more than 60% hydrofluoric acid	–	8	1790
HYDROFLUORIC ACID solution, with not more than 60% hydrofluoric acid	–	8	1790
Hydrofluoroboric Acid, see	–	8	1775
Hydrofluorosilicic Acid, see	–	8	1778
HYDROGEN AND METHANE MIXTURE, COMPRESSED	–	2.1	2034
Hydrogen Antimonide, see	–	2.3	2676
Hydrogen Arsenide, see	–	2.3	2188
Hydrogen Bromide, see	–	8	1788
HYDROGEN BROMIDE, ANHYDROUS	–	2.3	1048
Hydrogen Bromide Solution, see	–	8	1788
Hydrogen Carboxylic Acid, see	–	8	1779
Hydrogen Chloride, see	–	8	1789
HYDROGEN CHLORIDE, ANHYDROUS	–	2.3	1050
HYDROGEN CHLORIDE, REFRIGERATED LIQUID (transport prohibited)	–	2.3	2186
HYDROGEN, COMPRESSED	–	2.1	1049
HYDROGEN CYANIDE, AQUEOUS SOLUTION with not more than 20% hydrogen cyanide	P	6.1	1613
HYDROGEN CYANIDE SOLUTION IN ALCOHOL with more than 45% Hydrogen Cyanide (transport prohibited)	–	–	–
HYDROGEN CYANIDE SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide	P	6.1	3294
HYDROGEN CYANIDE, STABILIZED containing less than 3% water	P	6.1	1051
HYDROGEN CYANIDE, STABILIZED containing less than 3% water and absorbed in a porous inert material	P	6.1	1614
HYDROGENDIFLUORIDES, SOLID, N.O.S.	●	8	1740
HYDROGENDIFLUORIDES SOLUTION, N.O.S.	●	8	3471
Hydrogen Fluoride, see	–	8	1790
HYDROGEN FLUORIDE, ANHYDROUS	–	8	1052
HYDROGEN IN A METAL HYDRIDE STORAGE SYSTEM	–	2.1	3468
Hydrogen Iodide, see	–	8	1787
HYDROGEN IODIDE, ANHYDROUS	–	2.3	2197
HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED	–	5.1	3149
HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide	–	5.1	2015

Substance, material or article	MP	Class	UN No.
HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	–	5.1	2014
HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20% hydrogen peroxide (stabilized as necessary)	–	5.1	2984
Hydrogen Peroxide, Solid, <i>see</i>	–	5.1	1511
HYDROGEN PEROXIDE, STABILIZED	–	5.1	2015
Hydrogen Phosphide, <i>see</i>	–	2.3	2199
HYDROGEN, REFRIGERATED LIQUID	–	2.1	1966
HYDROGEN SELENIDE, ANHYDROUS	–	2.3	2202
Hydrogen Silicide, Compressed, <i>see</i>	–	2.1	2203
Hydrogen Sulphates, Aqueous Solution, <i>see</i>	●	8	2837
HYDROGEN SULPHIDE	–	2.3	1053
Hydroselenic Acid, Anhydrous, <i>see</i>	–	2.3	2202
Hydrosilicofluoric Acid, <i>see</i>	–	8	1778
3-Hydroxybutanal, <i>see</i>	–	6.1	2839
3-Hydroxybutan-2-one, <i>see</i>	–	3	2621
3-Hydroxybutyraldehyde, <i>see</i>	–	6.1	2839
2-Hydroxycamphane, <i>see</i>	–	4.1	1312
Hydroxydimethylbenzenes, Liquid, <i>see</i>	–	6.1	3430
Hydroxydimethylbenzenes, Solid, <i>see</i>	–	6.1	2261
2-(2-Hydroxyethoxy)-1-(pyrrolidin-1-yl)benzene-4-diazonium Zinc Chloride (concentration 100%), <i>see</i>	–	4.1	3236
3-(2-Hydroxyethoxy)-4-(pyrrolidin-1-yl)benzenediazonium Zinc Chloride (concentration 100%), <i>see</i>	–	4.1	3236
2-Hydroxyethylamine, <i>see</i>	–	8	2491
HYDROXYLAMINE SULPHATE	–	8	2865
Hydroxylammonium Sulphate, <i>see</i>	–	8	2865
1-Hydroxy-3-methyl-2-penten-4-yne, <i>see</i>	–	8	2705
3-Hydroxyphenol, <i>see</i>	–	6.1	2876
HYPOCHLORITES, INORGANIC, N.O.S.	●	5.1	3212
HYPOCHLORITE SOLUTION	–	8	1791
IGNITERS	–	1.1G	0121
IGNITERS	–	1.2G	0314
IGNITERS	–	1.3G	0315
IGNITERS	–	1.4G	0325
IGNITERS	–	1.4S	0454
Imazalil, <i>see</i> PESTICIDE, N.O.S.	–	–	–
3,3'-IMINODIPROPYLAMINE	–	8	2269
INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only	–	6.2	2900
INFECTIOUS SUBSTANCE, AFFECTING HUMANS	–	6.2	2814
Inflammable.., <i>see</i> FLAMMABLE..	–	–	–
INSECTICIDE GAS, FLAMMABLE, N.O.S.	●	2.1	3354
INSECTICIDE GAS, N.O.S.	●	2.2	1968
INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.	●	2.3	3355
INSECTICIDE GAS, TOXIC, N.O.S.	●	2.3	1967
IODINE MONOCHLORIDE	–	8	1792
IODINE PENTAFLUORIDE	–	5.1	2495
2-iodobutane	–	3	2390

Substance, material or article	MP	Class	UN No.
Iodomethane, <i>see</i>	–	6.1	2644
IODOMETHYLPROPANES	–	3	2391
IODOPROPANES	–	3	2392
<i>alpha</i> -Iodotoluene, <i>see</i>	–	6.1	2653
Ioxynil, <i>see</i> PESTICIDE, N.O.S	P	–	–
Iprobenfos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Iron Carbonyl, <i>see</i>	–	6.1	1994
Iron Chloride, Anhydrous, <i>see</i>	–	8	1773
Iron (III) Chloride, Anhydrous, <i>see</i>	–	8	1773
Iron Chloride Solution, <i>see</i>	–	8	2582
IRON OXIDE, SPENT obtained from coal gas purification	–	4.2	1376
IRON PENTACARBONYL	–	6.1	1994
Iron Perchloride, Anhydrous, <i>see</i>	–	8	1773
Iron Perchloride Solution, <i>see</i>	–	8	2582
Iron Powder, <i>see</i>	–	4.2	1383
Iron Powder, Pyrophoric, <i>see</i>	–	4.2	1383
IRON SPONGE, SPENT obtained from coal gas purification	–	4.2	1376
Iron Swarf, <i>see</i>	–	4.2	2793
Iron Trichloride, Anhydrous, <i>see</i>	–	8	1773
Iron Trichloride Solution, <i>see</i>	–	8	2582
Isoamyl Acetate, <i>see</i>	–	3	1104
Isoamyl Alcohol, <i>see</i>	–	3	1105
Isoamyl Bromide, <i>see</i>	–	3	2341
Isoamyl Butyrate, <i>see</i>	–	3	2620
<i>alpha</i> -Isoamylene, <i>see</i>	–	3	2561
Isoamyl Formate, <i>see</i>	–	3	1109
Isoamyl Mercaptan, <i>see</i>	–	3	1111
Isoamyl Nitrate, <i>see</i>	–	3	1112
Isoamyl Nitrite, <i>see</i>	–	3	1113
Isobenzan, <i>see</i> ORGANOCHLORINE PESTICIDE	P	–	–
Isobutanal, <i>see</i>	–	3	2045
ISOBUTANE	–	2.1	1969
ISOBUTANOL	–	3	1212
Isobutene, <i>see</i>	–	2.1	1055
Isobutenol, <i>see</i>	–	3	2614
Isobutenyl Chloride, <i>see</i>	–	3	2554
ISOBUTYL ACETATE	–	3	1213
ISOBUTYL ACRYLATE, STABILIZED	–	3	2527
ISOBUTYL ALCOHOL	–	3	1212
ISOBUTYL ALDEHYDE	–	3	2045
ISOBUTYLAMINE	–	3	1214
Isobutylbenzene, <i>see</i>	–	3	2709
Isobutyl Bromide, <i>see</i>	–	3	2342
ISOBUTYLENE	–	2.1	1055
ISOBUTYL FORMATE	–	3	2393
Isobutyl Iodide, <i>see</i>	–	3	2391
ISOBUTYL ISOBUTYRATE	–	3	2528
ISOBUTYL ISOCYANATE	–	3	2486
Isobutyl Mercaptan, <i>see</i>	–	3	2347

Substance, material or article	MP	Class	UN No.
ISOBUTYL METHACRYLATE, STABILIZED	–	3	2283
ISOBUTYL PROPIONATE	–	3	2394
Isobutyl Vinyl Ether, <i>see</i>	–	3	1304
ISOBUTYRALDEHYDE	–	3	2045
ISOBUTYRIC ACID	–	3	2529
ISOBUTYRONITRILE	–	3	2284
ISOBUTYRYL CHLORIDE	–	3	2395
ISOCYANATES, FLAMMABLE, TOXIC, N.O.S.	●	3	2478
ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.	●	3	2478
ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.	●	6.1	3080
ISOCYANATE SOLUTION, TOXIC, N.O.S.	●	6.1	2206
ISOCYANATES, TOXIC, FLAMMABLE, N.O.S.	●	6.1	3080
ISOCYANATES, TOXIC, N.O.S.	●	6.1	2206
ISOCYANATOBENZOTRIFLUORIDES	–	6.1	2285
3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl Isocyanate, <i>see</i>	–	6.1	2290
Isodecyl Acrylate, <i>see</i>	P	9	3082
Isodecyl Diphenyl Phosphate, <i>see</i>	P	9	3082
Isododecane, <i>see</i>	–	3	2286
Isodrin, <i>see</i> ORGANOCHLORINE PESTICIDE	–	–	–
Isfenphos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
ISOHEPTENES	–	3	2287
ISOHEXENES	–	3	2288
Isolan, <i>see</i> CARBAMATE PESTICIDE	–	–	–
Isooctaldehyde, <i>see</i>	–	3	1191
Isooctane, <i>see</i>	–	3	1262
ISOOCTENES	–	3	1216
Isooctyl Nitrate, <i>see</i>	P	9	3082
Isopentane, <i>see</i>	–	3	1265
ISOPENTENES	–	3	2371
Isopentylamine, <i>see</i>	–	3	1106
Isopentyl Nitrite, <i>see</i>	–	3	1113
ISOPHORONEDIAMINE	–	8	2289
ISOPHORONE DIISOCYANATE	–	6.1	2290
ISOPRENE, STABILIZED	–	3	1218
Isoproc carb, <i>see</i> CARBAMATE PESTICIDE	P	–	–
ISOPROPANOL	–	3	1219
ISOPROPENYL ACETATE	–	3	2403
ISOPROPENYLBENZENE	–	3	2303
Isopropenyl Carbinol, <i>see</i>	–	3	2614
Isopropenyl Chloride, <i>see</i>	–	3	2456
2-Isopropoxypropane, <i>see</i>	–	3	1159
ISOPROPYL ACETATE	–	3	1220
ISOPROPYL ACID PHOSPHATE	–	8	1793
ISOPROPYL ALCOHOL	–	3	1219
<i>alpha</i> -Isopropyl <i>alpha</i> -Chloropropionate, <i>see</i>	–	3	2934
ISOPROPYLAMINE	–	3	1221
ISOPROPYLBENZENE	–	3	1918
Isopropyl Bromide, <i>see</i>	–	3	2344

Substance, material or article	MP	Class	UN No.
Isopropyl sec-Butyl Peroxydicarbonate (concentration $\leq 32\%$) with Di-sec-butyl Peroxydicarbonate (concentration $\leq 12-18\%$) and Di-isopropyl Peroxydicarbonate (concentration $\leq 12-15\%$), (with diluent Type A), see	–	5.2	3115
Isopropyl sec-Butyl Peroxydicarbonate (concentration $\leq 52\%$) with Di-sec-Butyl Peroxydicarbonate (concentration $\leq 28\%$) and Di-isopropyl Peroxydicarbonate (concentration $\leq 22\%$), see	–	5.2	3111
ISOPROPYL BUTYRATE	–	3	2405
Isopropyl Carbinol, see	–	3	1212
Isopropyl Chloride, see	–	3	2356
ISOPROPYL CHLOROACETATE	–	3	2947
Isopropyl Chlorocarbonate, see	–	6.1	2407
ISOPROPYL CHLOROFORMATE	–	6.1	2407
Isopropyl Chloromethanoate, see	–	6.1	2407
ISOPROPYL 2-CHLOROPROPIONATE	–	3	2934
Isopropyl Cumyl Hydroperoxide (concentration $\leq 72\%$, with diluent Type A), see	–	5.2	3109
Isopropyl Cyanide, see	–	3	2284
Isopropyl Ether, see	–	3	1159
Isopropylethylene, see	–	3	2561
Isopropyl Formate, see	–	3	1281
Isopropylideneacetone, see	–	3	1229
ISOPROPYL ISOBUTYRATE	–	3	2406
ISOPROPYL ISOCYANATE	–	3	2483
Isopropyl Mercaptan, see	–	3	2402
Isopropyl Methanoate, see	–	3	1281
ISOPROPYL NITRATE	–	3	1222
ISOPROPYL PROPIONATE	–	3	2409
Isopropyltoluene, see	PP	3	2046
Isopropyltoluol, see	PP	3	2046
ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch, or calcium hydrogen phosphate	–	4.1	2907
ISOSORBIDE-5-MONONITRATE	–	4.1	3251
Isotetramethylbenzene, see	P	9	3082
Isothioate, see ORGANOPHOSPHORUS PESTICIDE	–	–	–
Isovaleraldehyde, see	–	3	2058
Isovalerone, see	–	3	1157
Isoxathion, see ORGANOPHOSPHORUS PESTICIDE	PP	–	–
JET PERFORATING GUNS, CHARGED oil well, without detonator	–	1.1D	0124
JET PERFORATING GUNS, CHARGED oil well, without detonator	–	1.4D	0494
Jet Tappers, without detonator, see CHARGES, SHAPED, COMMERCIAL	–	–	–
Jute, Dry, see	–	4.1	3360
Kapok, Dry, see	–	4.1	3360
Kelevan, see PESTICIDE, N.O.S.	–	–	–
KEROSENE	–	3	1223

Substance, material or article	MP	Class	UN No.
Kerosine, <i>see</i>	–	3	1223
KETONES, LIQUID, N.O.S.	•	3	1224
KRYPTON, COMPRESSED	–	2.2	1056
KRYPTON, REFRIGERATED LIQUID	–	2.2	1970
Lacquer, <i>see</i> PAINT	–	–	–
Lacquer Base, Liquid, <i>see</i> PAINT	–	–	–
Lacquer Base Solution, <i>see</i>	–	3	2059
LEAD ACETATE	P	6.1	1616
Lead (II) Acetate, <i>see</i>	–	6.1	1616
Lead and Zinc Calcines, <i>see</i>	P	6.1	2291
LEAD ARSENATES	P	6.1	1617
LEAD ARSENITES	P	6.1	1618
LEAD AZIDE, WETTED with not less than 20% water or mixture of alcohol and water, by mass	–	1.1A	0129
Lead Chloride, Solid, <i>see</i>	P	6.1	2291
LEAD COMPOUND, SOLUBLE, N.O.S.	P	6.1	2291
LEAD CYANIDE	P	6.1	1620
Lead (II) Cyanide, <i>see</i>	–	6.1	1620
LEAD DIOXIDE	–	5.1	1872
Lead Dross, <i>see</i>	–	8	1794
LEAD NITRATE	P	5.1	1469
Lead (II) Nitrate, <i>see</i> LEAD NITRATE	–	–	–
Lead (II) Perchlorate, <i>see</i>	–	5.1	1470
LEAD PERCHLORATE, SOLID	P	5.1	1470
LEAD PERCHLORATE SOLUTION	P	5.1	3408
Lead Peroxide, <i>see</i>	–	5.1	1872
LEAD PHOSPHITE, DIBASIC	–	4.1	2989
LEAD STYPHNATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	–	1.1A	0130
LEAD SULPHATE with more than 3% free acid	–	8	1794
Lead Tetraethyl, <i>see</i>	P	6.1	1649
Lead Tetramethyl, <i>see</i>	P	6.1	1649
LEAD TRINITRORESORCINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	–	1.1A	0130
LIFE-SAVING APPLIANCES, NOT SELF-INFLATING containing dangerous goods as equipment	–	9	3072
LIFE-SAVING APPLIANCES, SELF-INFLATING	–	9	2990
LIGHTER REFILLS containing flammable gas	–	2.1	1057
LIGHTERS containing flammable gas	–	2.1	1057
LIGHTERS, FUSE	–	1.4S	0131
Ligroin, <i>see</i> PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	–	–	–
Limonene, <i>see</i>	P	3	2052
Lindane, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	–	–
Linuron, <i>see</i> Note 1	P	–	–
LIQUEFIED GASES non-flammable, charged with nitrogen, carbon dioxide or air	–	2.2	1058
LIQUEFIED GAS, FLAMMABLE, N.O.S.	•	2.1	3161
LIQUEFIED GAS, N.O.S.	•	2.2	3163
LIQUEFIED GAS, OXIDIZING, N.O.S.	•	2.2	3157

Substance, material or article	MP	Class	UN No.
LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.	●	2.3	3308
LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	●	2.3	3309
LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.	●	2.3	3160
LIQUEFIED GAS, TOXIC, N.O.S.	●	2.3	3162
LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	●	2.3	3310
LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.	●	2.3	3307
Liquefied Petroleum Gases, <i>see</i>	–	2.1	1075
Liquified natural gas, <i>see</i>	–	2.1	1972
LITHIUM	–	4.3	1415
LITHIUM ALKYLs, SOLID	–	4.2	3443
Lithium Alloy (liquid), <i>see</i>	–	2.1	1001
LITHIUM ALUMINIUM HYDRIDE	–	4.3	1410
LITHIUM ALUMINIUM HYDRIDE, ETHEREAL	–	4.3	1411
Lithium Amalgams, <i>see</i>	–	4.3	1389
Lithium Amide, <i>see</i>	–	4.3	1390
LITHIUM BATTERIES	–	9	3090
LITHIUM BATTERIES CONTAINED IN EQUIPMENT	–	9	3091
LITHIUM BATTERIES PACKED WITH EQUIPMENT	–	9	3091
LITHIUM BOROHYDRIDE	–	4.3	1413
Lithium Dispersions, <i>see</i>	–	4.3	1391
LITHIUM FERROSILICON	–	4.3	2830
LITHIUM HYDRIDE	–	4.3	1414
LITHIUM HYDRIDE, FUSED SOLID	–	4.3	2805
LITHIUM HYDROXIDE	–	8	2680
Lithium Hydroxide, Solid, <i>see</i>	–	8	2680
LITHIUM HYDROXIDE SOLUTION	–	8	2679
LITHIUM HYPOCHLORITE, DRY	–	5.1	1471
LITHIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	–	5.1	1471
Lithium in Cartouches, <i>see</i>	–	4.3	1415
LITHIUM NITRATE	–	5.1	2722
LITHIUM NITRIDE	–	4.3	2806
LITHIUM PEROXIDE	–	5.1	1472
Lithium Silicide, <i>see</i>	–	4.3	1417
LITHIUM SILICON	–	4.3	1417
LNG, <i>see</i>	–	2.1	1972
LONDON PURPLE	P	6.1	1621
LPG, <i>see</i>	●	2.1	1075
Lye, <i>see</i>	–	8	1823
M86 Fuel, <i>see</i>	–	3	3165
MAGNESIUM	–	4.1	1869
Magnesium Alloys, <i>see</i>	–	4.3	1393
MAGNESIUM ALLOYS POWDER	–	4.3	1418
MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons	–	4.1	1869
MAGNESIUM ALUMINIUM PHOSPHIDE	–	4.3	1419
Magnesium Amalgams, <i>see</i>	–	4.3	1392
MAGNESIUM ARSENATE	P	6.1	1622
Magnesium Bisulphite Solution, <i>see</i>	–	8	2693

Substance, material or article	MP	Class	UN No.
MAGNESIUM BROMATE	–	5.1	1473
MAGNESIUM CHLORATE	–	5.1	2723
Magnesium Chloride and Chlorate Mixture, <i>see</i>	•	5.1	1459
MAGNESIUM DIAMIDE	–	4.2	2004
Magnesium Dispersions, <i>see</i>	–	4.3	1391
MAGNESIUM FLUOROSILICATE	–	6.1	2853
MAGNESIUM GRANULES, COATED particle size not less than 149 microns	–	4.3	2950
Magnesium Hexafluorosilicate, <i>see</i>	–	6.1	2853
MAGNESIUM HYDRIDE	–	4.3	2010
MAGNESIUM NITRATE	–	5.1	1474
MAGNESIUM PERCHLORATE	–	5.1	1475
MAGNESIUM PEROXIDE	–	5.1	1476
MAGNESIUM PHOSPHIDE	–	4.3	2011
MAGNESIUM POWDER	–	4.3	1418
Magnesium Scrap, <i>see</i>	–	4.1	1869
MAGNESIUM SILICIDE	–	4.3	2624
Magnesium Silicofluoride, <i>see</i>	–	6.1	2853
Magnesium Silicon, <i>see</i>	–	4.3	2624
Malathion, <i>see</i>	P	9	3082
MALEIC ANHYDRIDE	–	8	2215
MALEIC ANHYDRIDE, MOLTEN	–	8	2215
Malonodinitrile, <i>see</i>	–	6.1	2647
MALONONITRILE	–	6.1	2647
Mancozeb (ISO), <i>see</i>	P	9	3077
MANEB	P	4.2	2210
MANEB PREPARATION, STABILIZED against self-heating	P	4.3	2968
MANEB PREPARATION with not less than 60% maneb	P	4.2	2210
MANEB, STABILIZED	P	4.3	2968
Manganese Ethylene-1,2-bis-dithiocarbamate, <i>see</i>	P	4.2	2210
Manganese Ethylene-bis-dithiocarbamate, <i>see</i>	P	4.2	2210
Manganese Ethylene-1,2-bis-dithiocarbamate, Stabilized, <i>see</i>	P	4.3	2968
Manganese Ethylene-bis-dithiocarbamate, Stabilized, <i>see</i>	P	4.3	2968
MANGANESE NITRATE	–	5.1	2724
Manganese (III) Nitrate, <i>see</i>	–	5.1	2724
MANGANESE RESINATE	–	4.1	1330
Manganous Nitrate, <i>see</i>	–	5.1	2724
MANNITOL HEXANITRATE, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	–	1.1D	0133
MATCHES, "STRIKE ANYWHERE"	–	4.1	1331
MATCHES, FUSEE	–	4.1	2254
MATCHES, SAFETY (book, card or strike on box)	–	4.1	1944
MATCHES, WAX 'VESTA'	–	4.1	1945
Meal, Oily, <i>see</i>	–	4.2	1386
Mecarbam, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
MEDICAL WASTE, N.O.S.	–	6.2	3291
MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	•	3	3248
MEDICINE, LIQUID, TOXIC, N.O.S.	•	6.1	1851
MEDICINE, SOLID, TOXIC, N.O.S.	•	6.1	3249
Medinoterb, <i>see</i> SUBSTITUTED NITROPHENOL PESTICIDE	–	–	–

Substance, material or article	MP	Class	UN No.
<i>p</i> -Menthyl Hydroperoxide (concentration > 72–100%), <i>see</i>	–	5.2	3105
<i>p</i> -Menthyl Hydroperoxide (concentration ≤ 72%, with diluent Type A), <i>see</i>	–	5.2	3109
Mephosfolan, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	●	3	3336
MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	●	3	1228
MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.	●	6.1	3071
MERCAPTANS, LIQUID, FLAMMABLE, N.O.S.	●	3	3336
MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S.	●	3	1228
MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S.	●	6.1	3071
Mercaptoacetic Acid, <i>see</i>	–	8	1940
Mercaptodimethur, <i>see</i> CARBAMATE PESTICIDE	P	–	–
2-Mercaptoethanol, <i>see</i>	–	6.1	2966
2-Mercaptopropionic Acid, <i>see</i>	–	6.1	2936
5-MERCAPTOTETRAZOL-1-ACETIC ACID	–	1.4C	0448
Mercuric Acetate, <i>see</i>	PP	6.1	1629
Mercuric Ammonium Chloride, <i>see</i>	PP	6.1	1630
MERCURIC ARSENATE	PP	6.1	1623
Mercuric Benzoate, <i>see</i>	PP	6.1	1631
Mercuric Bisulphate, <i>see</i>	PP	6.1	1645
Mercuric Bromide, <i>see</i>	PP	6.1	1634
MERCURIC CHLORIDE	PP	6.1	1624
Mercuric Cyanide, <i>see</i>	PP	6.1	1636
Mercuric Gluconate, <i>see</i>	PP	6.1	1637
Mercuric Iodide, <i>see</i>	P	6.1	1638
MERCURIC NITRATE	PP	6.1	1625
Mercuric Oleate, <i>see</i>	PP	6.1	1640
Mercuric Oxide, <i>see</i>	PP	6.1	1641
Mercuric Oxycyanide, Desensitized, <i>see</i>	PP	6.1	1642
MERCURIC POTASSIUM CYANIDE	PP	6.1	1626
Mercuric Sulphate, <i>see</i>	PP	6.1	1645
Mercuric Thiocyanate, <i>see</i>	PP	6.1	1646
Mercuriol, <i>see</i>	PP	6.1	1639
Mercurous Acetate, <i>see</i>	PP	6.1	1629
Mercurous Bisulphate, <i>see</i>	PP	6.1	1645
Mercurous Bromide, <i>see</i>	PP	6.1	1634
Mercurous Chloride, <i>see</i>	PP	9	3077
MERCUROUS NITRATE	PP	6.1	1627
Mercurous Salicylate, <i>see</i>	PP	6.1	1644
Mercurous Sulphate, <i>see</i>	PP	6.1	1645
MERCURY	–	8	2809
MERCURY ACETATE	PP	6.1	1629
MERCURY AMMONIUM CHLORIDE	PP	6.1	1630
MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	PP	3	2778
MERCURY BASED PESTICIDE, LIQUID, TOXIC	PP	6.1	3012
MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	PP	6.1	3011
MERCURY BASED PESTICIDE, SOLID, TOXIC	PP	6.1	2777
MERCURY BENZOATE	PP	6.1	1631

Substance, material or article	MP	Class	UN No.
Mercury Bichloride, <i>see</i>	PP	6.1	1624
Mercury Bisulphate, <i>see</i>	PP	6.1	1645
MERCURY BROMIDES	PP	6.1	1634
MERCURY COMPOUND, LIQUID, N.O.S.	PP	6.1	2024
MERCURY COMPOUND, SOLID, N.O.S.	PP	6.1	2025
Mercury(II) (mercuric) Compounds or Mercury(I) (mercurous) Compounds, <i>see</i> MERCURY BASED PESTICIDE	PP	–	–
MERCURY CYANIDE	PP	6.1	1636
MERCURY FULMINATE, WETTED with not less than 20% water or mixture of alcohol and water, by mass	–	1.1A	0135
MERCURY GLUCONATE	PP	6.1	1637
MERCURY IODIDE	P	6.1	1638
MERCURY NUCLEATE	PP	6.1	1639
MERCURY OLEATE	PP	6.1	1640
MERCURY OXIDE	PP	6.1	1641
MERCURY OXYCYANIDE, DESENSITIZED	PP	6.1	1642
MERCURY OXYCYANIDE pure (transport prohibited)	–	–	–
Mercury Potassium Cyanide, <i>see</i>	PP	6.1	1626
MERCURY POTASSIUM IODIDE	PP	6.1	1643
MERCURY SALICYLATE	PP	6.1	1644
MERCURY SULPHATE	PP	6.1	1645
MERCURY THIOCYANATE	PP	6.1	1646
Mesitylene, <i>see</i>	–	3	2325
MESITYL OXIDE	–	3	1229
Mesyl Chloride, <i>see</i>	–	6.1	3246
Metaarsenic Acid, <i>see</i>	–	6.1	1554
Metacetone, <i>see</i>	–	3	1156
Metal Alkyl Halides, Water-reactive, N.O.S., <i>see</i>	●	4.2	3394
Metal Alkyl Hydrides, Water-reactive, N.O.S., <i>see</i>	●	4.2	3394
Metal Alkyls, Water-reactive, N.O.S., <i>see</i>	●	4.2	3394
Metal Aryl Halides, Water-reactive, N.O.S., <i>see</i>	●	4.2	3394
Metal Aryl Hydrides, Water-reactive, N.O.S., <i>see</i>	●	4.2	3394
Metal Aryls, Water-reactive, N.O.S., <i>see</i>	●	4.2	3394
METAL CARBONYLS, LIQUID, N.O.S.	●	6.1	3281
METAL CARBONYLS, SOLID, N.O.S.	●	6.1	3466
METAL CATALYST, DRY	–	4.2	2881
METAL CATALYST, WETTED with a visible excess of liquid	–	4.2	1378
METALDEHYDE	–	4.1	1332
METAL HYDRIDES, FLAMMABLE, N.O.S.	●	4.1	3182
METAL HYDRIDES, WATER-REACTIVE, N.O.S.	●	4.3	1409
METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	●	4.3	3208
METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	●	4.3	3209
METAL POWDER, FLAMMABLE, N.O.S.	●	4.1	3089
METAL POWDER, SELF-HEATING, N.O.S.	●	4.2	3189
METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	●	4.1	3181
Metam-Sodium, <i>see</i> THIOCARBAMATE PESTICIDE	P	–	–
Methacraldehyde, Stabilized, <i>see</i>	–	3	2396
METHACRYLALDEHYDE, STABILIZED	–	3	2396

Substance, material or article	MP	Class	UN No.
3-Methacrylic Acid, <i>see</i>	–	8	2823
METHACRYLIC ACID, STABILIZED	–	8	2531
METHACRYLONITRILE, STABILIZED	–	3	3079
METHALLYL ALCOHOL	–	3	2614
Methamidophos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Methanal, <i>see</i>	–	3	1198
Methanal, <i>see</i>	–	8	2209
Methane and Hydrogen, Mixtures, Compressed, <i>see</i>	–	2.1	2034
METHANE, COMPRESSED	–	2.1	1971
METHANE, REFRIGERATED LIQUID	–	2.1	1972
METHANESULPHONYL CHLORIDE	–	6.1	3246
Methanethiol, <i>see</i>	P	2.3	1064
METHANOL	–	3	1230
Methasulfocarb, <i>see</i> CARBAMATE PESTICIDE	–	–	–
Methidathion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
2-METHYLBUTANAL	–	3	3371
Methomyl, <i>see</i> CARBAMATE PESTICIDE	P	–	–
<i>ortho</i> -Methoxyaniline, <i>see</i>	–	6.1	2431
Methoxybenzene, <i>see</i>	–	3	2222
1-Methoxybutane, <i>see</i>	–	3	2350
Methoxyethane, <i>see</i>	–	2.1	1039
2-Methoxyethanol, <i>see</i>	–	3	1188
2-Methoxyethyl Acetate, <i>see</i>	–	3	1189
METHOXYMETHYL ISOCYANATE	–	3	2605
4-Methoxy-4-methyl-2-pentanone, <i>see</i>	–	3	2293
4-METHOXY-4-METHYLPENTAN-2-ONE	–	3	2293
Methoxynitrobenzenes, Liquid, <i>see</i>	–	6.1	2730
Methoxynitrobenzenes, Solid, <i>see</i>	–	6.1	3458
1-Methoxypropane, <i>see</i>	–	3	2612
1-METHOXY-2-PROPANOL	–	3	3092
METHYL ACETATE	–	3	1231
Methylacetic Acid, <i>see</i>	–	8	1848
METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED	–	2.1	1060
<i>beta</i> -Methyl Acrolein, <i>see</i>	P	6.1	1143
2-Methylacrolein, Stabilized	–	3	2396
3-Methylacrolein, Stabilized, <i>see</i>	P	6.1	1143
METHYL ACRYLATE, STABILIZED	–	3	1919
METHYLAL	–	3	1234
Methyl Alcohol, <i>see</i>	–	3	1230
Methyl Allyl Alcohol	–	3	2614
Methylallyl Alcohol, <i>see</i>	–	3	2614
METHYLALLYL CHLORIDE	–	3	2554
<i>alpha</i> -Methyl <i>alpha</i> -Chloropropionate, <i>see</i>	–	3	2933
METHYLAMINE, ANHYDROUS	–	2.1	1061
METHYLAMINE, AQUEOUS SOLUTION	–	3	1235
2-(<i>N,N</i> -Methylaminoethylcarbonyl)-4-(3,4- dimethylphenylsulphonyl)benzenediazonium hydrogen sulphate (concentration 96%), <i>see</i>	–	4.1	3236
METHYLAMYL ACETATE	–	3	1233

Substance, material or article	MP	Class	UN No.
Methyl Amyl Alcohol, <i>see</i>	–	3	2053
Methylamyl Alcohol, <i>see</i>	–	3	2053
Methyl <i>normal</i> -Amyl Ketone, <i>see</i>	–	3	1110
N-METHYLANILINE	–	6.1	2294
Methylated Spirits, <i>see</i>	–	3	1986
Methylated Spirits, <i>see</i>	–	3	1987
Methylbenzene, <i>see</i>	–	3	1294
4-Methylbenzenesulphonylhydrazide (concentration 100%), <i>see</i>	–	4.1	3226
Methylbenzol, <i>see</i>	–	3	1294
<i>alpha</i> -METHYLBENZYL ALCOHOL, LIQUID	–	6.1	2937
<i>alpha</i> -METHYLBENZYL ALCOHOL, SOLID	–	6.1	3438
Methyl Borate, <i>see</i>	–	3	2416
Methyl Bromide and Chloropicrin Mixture, <i>see</i>	–	2.3	1581
METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID	P	6.1	1647
METHYL BROMIDE with not more than 2.0% chloropicrin	–	2.3	1062
METHYL BROMOACETATE	–	6.1	2643
2-Methyl-1,3-butadiene, Stabilized, <i>see</i>	–	3	1218
2-METHYLBUTANAL	–	3	3371
2-Methylbutane, <i>see</i>	–	3	1265
Methylbutanols, <i>see</i>	–	3	1105
3-Methyl-2-butanone, <i>see</i>	–	3	2397
3-METHYLBUTAN-2-ONE	–	3	2397
2-METHYL-1-BUTENE	–	3	2459
2-METHYL-2-BUTENE	–	3	2460
3-METHYL-1-BUTENE	–	3	2561
2-Methyl Butylacrylate, Stabilized, <i>see</i>	–	3	2227
N-METHYLBUTYLAMINE	–	3	2945
METHYL BUTYL ETHER	–	3	2398
METHYL BUTYRATE	–	3	1237
Methyl Carbonate, <i>see</i>	–	3	1161
METHYL CHLORIDE	–	2.1	1063
Methyl Chloride and Chloropicrin Mixture, <i>see</i>	–	2.3	1582
METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE	–	2.1	1912
METHYL CHLOROACETATE	–	6.1	2295
Methylchlorobenzenes, <i>see</i>	●	3	2238
Methyl Chlorocarbonate, <i>see</i>	–	6.1	1238
Methyl Chloroform, <i>see</i>	–	6.1	2831
Methylchloroform, <i>see</i>	–	6.1	2831
METHYL CHLOROFORMATE	–	6.1	1238
METHYL CHLOROMETHYL ETHER	–	6.1	1239
METHYL 2-CHLOROPROPIONATE	–	3	2933
METHYLCHLOROSILANE	–	2.3	2534
Methyl Cyanide, <i>see</i>	–	3	1648
METHYLCYCLOHEXANE	–	3	2296
METHYLCYCLOHEXANOLS flammable	–	3	2617
Methylcyclohexanone Peroxide(s) (concentration ≤67%, with diluent Type B), <i>see</i>	–	5.2	3115
METHYLCYCLOHEXANONES	–	3	2297
METHYLCYCLOPENTANE	–	3	2298

Substance, material or article	MP	Class	UN No.
METHYL DICHLOROACETATE	–	6.1	2299
METHYLDICHLOROSILANE	–	4.3	1242
Methyldinitrobenzenes, Liquid, <i>see</i>	–	6.1	2038
Methyldinitrobenzenes, Molten	–	6.1	1600
Methyldinitrobenzenes, Solid	–	6.1	2038
Methyl Disulphide, <i>see</i>	–	3	2381
Methyldithiomethane, <i>see</i>	–	3	2381
2,2'-Methylenebis-(3,4,6-trichlorophenol), <i>see</i>	–	6.1	2875
Methylene Bromide, <i>see</i>	–	6.1	2664
Methylene Chloride, <i>see</i>	–	6.1	1593
Methylene Chloride and Methyl Chloride Mixture, <i>see</i> METHYL CHLORIDE and METHYLENE CHLORIDE MIXTURE	–	–	–
Methylene Chlorobromide, <i>see</i>	–	6.1	1887
Methylene Cyanide, <i>see</i>	–	6.1	2647
<i>p,p'</i> -Methylenedianiline, <i>see</i>	P	6.1	2651
Methylene Dibromide, <i>see</i>	–	6.1	2664
Methyl Ether, <i>see</i>	–	2.1	1033
Methyl Ethyl Carbinol, <i>see</i>	–	3	1120
Methyl Ethyl Ether, <i>see</i>	–	2.1	1039
METHYL ETHYL KETONE	–	3	1193
Methyl Ethyl Ketone Peroxide(s) (concentration \leq 40%, with diluent Type A, available oxygen \leq 8.2%), <i>see</i>	–	5.2	3107
Methyl Ethyl Ketone Peroxide(s) (concentration \leq 45%, with diluent Type A, available oxygen \leq 10%), <i>see</i>	–	5.2	3105
Methyl Ethyl Ketone Peroxide(s) (concentration \leq 52%, with diluent Type A, available oxygen $>$ 10% and \leq 10.7%), <i>see</i>	–	5.2	3101
2-METHYL-5-ETHYLPYRIDINE	–	6.1	2300
METHYL FLUORIDE	–	2.1	2454
Methylfluorobenzenes (<i>ortho</i> -, <i>meta</i> -, <i>para</i> -), <i>see</i>	–	3	2388
METHYL FORMATE	–	3	1243
2-METHYLFURAN	–	3	2301
Methyl Glycol, <i>see</i>	–	3	1188
Methyl Glycol Acetate, <i>see</i>	–	3	1189
2-Methylheptane, <i>see</i>	–	3	1262
2-METHYL-2-HEPTANETHIOL	–	6.1	3023
5-Methyl-2-hexanone, <i>see</i>	–	3	2302
5-METHYLHEXAN-2-ONE	–	3	2302
METHYLHYDRAZINE	–	6.1	1244
METHYL IODIDE	–	6.1	2644
Methyl Isobutenyl Ketone, <i>see</i>	–	3	1229
METHYL ISOBUTYL CARBINOL	–	3	2053
Methyl Isobutyl Carbinol Acetate, <i>see</i>	–	3	1233
METHYL ISOBUTYL KETONE	–	3	1245
Methyl Isobutyl Ketone Peroxide(s) (concentration \leq 62%), with \geq 19% by mass methyl isobutyl ketone, and diluent Type A), <i>see</i>	–	5.2	3105
METHYL ISOCYANATE	–	6.1	2480
Methyl Isonitrile, <i>see</i>	–	6.1	2480
METHYL ISOPROPENYL KETONE, STABILIZED	–	3	1246
Methyl Isopropyl Ketone, <i>see</i>	–	3	2397

Substance, material or article	MP	Class	UN No.
METHYL ISOTHIOCYANATE	-	6.1	2477
METHYL ISOVALERATE	-	3	2400
METHYLMAGNESIUM BROMIDE IN ETHYL ETHER	-	4.3	1928
METHYL MERCAPTAN	P	2.3	1064
Methyl Mercaptopropionaldehyde, <i>see</i>	-	6.1	2785
Methylmercaptopropionaldehyde, <i>see</i>	-	6.1	2785
METHYL METHACRYLATE MONOMER, STABILIZED	-	3	1247
4-METHYLMORPHOLINE	-	3	2535
N-METHYLMORPHOLINE	-	3	2535
METHYL NITRITE (transport prohibited)	-	2.2	2455
Methylnitrophenols, <i>see</i>	-	6.1	2446
METHYL ORTHOSILICATE	-	6.1	2606
METHYLPENTADIENES	-	3	2461
2-Methylpentane, <i>see</i>	-	3	1208
3-Methylpentane, <i>see</i>	-	3	1208
2-METHYLPENTAN-2-OL	-	3	2560
4-Methylpentan-2-ol, <i>see</i>	-	3	2053
4-Methyl-2-pentanone, <i>see</i>	-	3	1245
4-Methyl-3-penten-2-one, <i>see</i>	-	3	1229
3-Methyl-2-penten-4-yn-ol, <i>see</i>	-	8	2705
METHYLPHENYLDICHLOROSILANE	-	8	2437
Methyl Phenyl Ether, <i>see</i>	-	3	2222
2-Methyl-2-phenylpropane, <i>see</i>	-	3	2709
1-METHYLPYPERIDINE	-	3	2399
N-Methylpiperidine, <i>see</i>	-	3	2399
2-Methyl-2-propanol	-	3	1120
2-Methylpropanol-1, <i>see</i>	-	3	1212
2-Methylpropanoyl Chloride, <i>see</i>	-	3	2395
2-Methyl-2-propen-1-ol, <i>see</i>	-	3	2614
METHYL PROPIONATE	-	3	1248
2-Methylpropionic Acid, <i>see</i>	-	3	2529
Methylpropyl Acrylate, Stabilized, <i>see</i>	-	3	2527
Methylpropylbenzenes, <i>see</i>	PP	3	2046
METHYL PROPYL ETHER	-	3	2612
2-Methylpropyl Isobutyrate, <i>see</i>	-	3	2528
METHYL PROPYL KETONE	-	3	1249
Methylpyridines (2-; 3-; 4-), <i>see</i>	-	3	2313
3-Methyl-4-(pyrrolidin-1-yl)benzenediazonium Tetrafluoroborate (concentration 95%), <i>see</i>	-	4.1	3234
<i>alpha</i> -Methylstyrene, <i>see</i>	-	3	2303
Methylstyrenes, Stabilized, <i>see</i>	-	3	2618
Methyl Sulphate, <i>see</i>	-	6.1	1595
Methyl Sulphide, <i>see</i>	-	3	1164
METHYLTETRAHYDROFURAN	-	3	2536
METHYL TRICHLOROACETATE	-	6.1	2533
METHYLTRICHLOROSILANE	-	3	1250
Methyltrithion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	-	-
<i>alpha</i> -METHYLVALERALDEHYDE	-	3	2367
1-Methylvinyl Acetate, <i>see</i>	-	3	2403

Substance, material or article	MP	Class	UN No.
Methylvinylbenzenes, Stabilized, see	–	3	2618
METHYL VINYL KETONE, STABILIZED	–	6.1	1251
Mevinphos, see ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Mexacarbate, see CARBAMATE PESTICIDE	P	–	–
M.I.B.C., see	–	3	2053
MINES with bursting charge	–	1.1D	0137
MINES with bursting charge	–	1.1F	0136
MINES with bursting charge	–	1.2D	0138
MINES with bursting charge	–	1.2F	0294
Mirex, see ORGANOCHLORINE PESTICIDE	P	–	–
Mischmetall, see	–	4.1	1333
Missiles, guided, see ROCKETS	–	–	–
Mixed Acid, see	–	8	1796
Mixed Acid, Spent, see	–	8	1826
Mobam, see CARBAMATE PESTICIDE	–	–	–
MOLYBDENUM PENTACHLORIDE	–	8	2508
Monobromobenzene, see	P	3	2514
Monochloroacetic Acid, Molten, see	–	6.1	3250
Monochloroacetic Acid, Solid, see	–	6.1	1751
Monochloroacetic Acid Solution, see	–	6.1	1750
Monochloroacetone, Stabilized, see	P	6.1	1695
Monochlorobenzene, see	–	3	1134
Monochlorobenzol, see	–	3	1134
Monochlorodifluoromethane, see	–	2.2	1018
Monochlorodifluoromethane and Monochloropentafluoroethane mixture with a fixed boiling point containing about 49% monochlorodifluoromethane, see	–	2.2	1973
Monochlorodifluoromonobromomethane, see	–	2.2	1974
Monochloropentafluoroethane, see	–	2.2	1020
Monochlorotetrafluoroethane, see	–	2.2	1021
Monochlorotrifluoromethane, see	–	2.2	1022
Monocrotophos, see ORGANOPHOSPHORUS PESTICIDE	P	–	–
Monoethanolamine, see	–	8	2491
Monoethylamine, see	–	2.1	1036
Monoethylamine, Aqueous Solution, see	–	3	2270
Monomethylamine, Anhydrous, see	–	2.1	1061
Monomethylamine, Aqueous Solution, see	–	3	1235
Monomethylaniline, see	–	6.1	2294
MONONITROTOLUIDINES	–	6.1	2660
Monopropylamine, see	–	3	1277
MORPHOLINE	–	8	2054
MOTOR FUEL ANTI-KNOCK MIXTURE	P	6.1	1649
MOTOR SPIRIT	•	3	1203
Muriatic Acid, see	–	8	1789
Muritan, see CARBAMATE PESTICIDE (Promurit)	–	–	–
MUSK XYLENE	–	4.1	2956
Mysorite, see	–	9	2212
Nabam, see THIOCARBAMATE PESTICIDE	P	–	–
Naled, see ORGANOPHOSPHORUS PESTICIDE	P	–	–

Substance, material or article	MP	Class	UN No.
Naphtha, see	●	3	1268
NAPHTHALENE, CRUDE	–	4.1	1334
NAPHTHALENE, MOLTEN	–	4.1	2304
NAPHTHALENE, REFINED	–	4.1	1334
Naphtha, Petroleum, see	●	3	1268
Naphtha, Solvent, see	–	3	1268
<i>alpha</i> -NAPHTHYLAMINE	–	6.1	2077
<i>beta</i> -NAPHTHYLAMINE, SOLID	–	6.1	1650
<i>beta</i> -NAPHTHYLAMINE SOLUTION	–	6.1	3411
NAPHTHYLTHIOUREA	–	6.1	1651
1-Naphthylthiourea, see	–	6.1	1651
<i>alpha</i> -Naphthylthiourea, see	–	6.1	1651
NAPHTHYLUREA	–	6.1	1652
NATURAL GAS, COMPRESSED with high methane content	–	2.1	1971
Natural Gasoline, see MOTOR SPIRIT or GASOLINE or PETROL	–	–	–
NATURAL GAS, REFRIGERATED LIQUID with high methane content	–	2.1	1972
Neodymium Nitrate and Praseodymium Nitrate Mixture, see	–	5.1	1456
Neohexane, see	–	3	1208
NEON, COMPRESSED	–	2.2	1065
NEON, REFRIGERATED LIQUID	–	2.2	1913
Neopentane, see	–	2.1	2044
Neothyl, see	–	3	2612
NICKEL CARBONYL	PP	6.1	1259
NICKEL CYANIDE	PP	6.1	1653
Nickel (II) Cyanide, see	PP	6.1	1653
NICKEL NITRATE	–	5.1	2725
Nickel (II) Nitrate, see	–	5.1	2725
NICKEL NITRITE	–	5.1	2726
Nickel (II) Nitrite, see	–	5.1	2726
Nickelous Nitrate, see	–	5.1	2725
Nickelous Nitrite, see	–	5.1	2726
Nickel Tetracarbonyl, see	PP	6.1	1259
NICOTINE	–	6.1	1654
NICOTINE COMPOUND, LIQUID, N.O.S.	–	6.1	3144
NICOTINE COMPOUND, SOLID, N.O.S.	–	6.1	1655
NICOTINE HYDROCHLORIDE, LIQUID	–	6.1	1656
NICOTINE HYDROCHLORIDE, SOLID	–	6.1	3444
NICOTINE HYDROCHLORIDE SOLUTION	–	6.1	1656
NICOTINE PREPARATION, LIQUID, N.O.S.	–	6.1	3144
NICOTINE PREPARATION, SOLID, N.O.S.	–	6.1	1655
NICOTINE SALICYLATE	–	6.1	1657
NICOTINE SULPHATE, SOLID	–	6.1	3445
NICOTINE SULPHATE SOLUTION	–	6.1	1658
NICOTINE TARTRATE	–	6.1	1659
NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	●	5.1	3218
NITRATES, INORGANIC, N.O.S.	●	5.1	1477
NITRATING ACID MIXTURE, SPENT with more than 50% nitric acid	–	8	1826

Substance, material or article	MP	Class	UN No.
NITRATING ACID MIXTURE, SPENT with not more than 50% nitric acid	–	8	1826
NITRATING ACID MIXTURE with more than 50% nitric acid	–	8	1796
NITRATING ACID MIXTURE with not more than 50% nitric acid	–	8	1796
NITRIC ACID other than red fuming, with more than 70% nitric acid	–	8	2031
NITRIC ACID other than red fuming, with not more than 70% nitric acid	–	8	2031
NITRIC ACID, RED FUMING	–	8	2032
NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE	–	2.3	1975
NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE	–	2.3	1975
NITRIC OXIDE, COMPRESSED	–	2.3	1660
NITRILES, FLAMMABLE, TOXIC, N.O.S.	●	3	3273
NITRILES, TOXIC, FLAMMABLE, N.O.S.	●	6.1	3275
NITRILES, TOXIC, LIQUID, N.O.S.	●	6.1	3276
NITRILES, TOXIC, SOLID, N.O.S.	●	6.1	3439
NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	●	5.1	3219
Nitrites, inorganic, mixtures with ammonium compounds (transport prohibited)	–	–	–
NITRITES, INORGANIC, N.O.S.	●	5.1	2627
NITROANILINES	–	6.1	1661
NITROANISOLE, LIQUID	–	6.1	2730
NITROANISOLE, SOLID	–	6.1	3458
NITROBENZENE	–	6.1	1662
Nitrobenzene Bromides, Liquid, see	–	6.1	2732
Nitrobenzene Bromides, Solid, see	–	6.1	3459
NITROBENZENESULPHONIC ACID	–	8	2305
Nitrobenzol, see	–	6.1	1662
5-NITROBENZOTRIAZOL	–	1.1D	0385
NITROBENZOTRIFLUORIDES, LIQUID	P	6.1	2306
NITROBENZOTRIFLUORIDES, SOLID	P	6.1	3431
NITROBROMOBENZENES, LIQUID	–	6.1	2732
NITROBROMOBENZENES, SOLID	–	6.1	3459
Nitrocarbonitrates, see EXPLOSIVE, BLASTING, TYPE B	–	–	–
NITROCELLULOSE dry or wetted with less than 25% water (or alcohol), by mass	–	1.1D	0340
NITROCELLULOSE MEMBRANE FILTERS with not more than 12.6% nitrogen, by dry mass	–	4.1	3270
NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass	–	1.3C	0343
NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	–	3	2059
NITROCELLULOSE unmodified or plasticized with less than 18% plasticizing substance, by mass	–	1.1D	0341
NITROCELLULOSE, WETTED with not less than 25% alcohol, by mass	–	1.3C	0342
NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	–	4.1	2556

Substance, material or article	MP	Class	UN No.
NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITHOUT PLASTICIZER WITHOUT PIGMENT	●	4.1	2557
NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITHOUT PLASTICIZER WITH PIGMENT	●	4.1	2557
NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH PLASTICIZER WITHOUT PIGMENT	●	4.1	2557
NITROCELLULOSE with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH PLASTICIZER WITH PIGMENT	●	4.1	2557
NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	–	4.1	2555
Nitrochlorobenzenes, see	–	6.1	1578
3-NITRO-4-CHLOROBENZOTRIFLUORIDE	P	6.1	2307
Nitrocotton Solution, see	–	3	2059
Nitrocotton with alcohol, see	–	4.1	2556
Nitrocotton with plasticizing substance, see	●	4.1	2557
Nitrocotton with water, see	–	4.1	2555
NITROCRESOLS, LIQUID	–	6.1	3434
NITROCRESOLS, SOLID	–	6.1	2446
NITROETHANE	–	3	2842
NITROGEN, COMPRESSED	–	2.2	1066
NITROGEN DIOXIDE	–	2.3	1067
Nitrogen Dioxide and Nitric Oxide Mixtures, see	–	2.3	1975
Nitrogen Peroxide, see	–	2.3	1067
NITROGEN, REFRIGERATED LIQUID	–	2.2	1977
Nitrogen Sesquioxide, see	–	2.3	2421
NITROGEN TRIFLUORIDE	–	2.2	2451
NITROGEN TRIOXIDE	–	2.3	2421
NITROGLYCERIN, DESENSITIZED with not less than 40% non-volatile water-insoluble phlegmatizer, by mass	–	1.1D	0143
NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	●	3	3343
NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass	●	3	3357
NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass	●	4.1	3319
NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 10% nitroglycerin	–	1.1D	0144
NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	–	3	3064
NITROGLYCERIN SOLUTION IN ALCOHOL with not more than 1% nitroglycerin	–	3	1204
NITROGUANIDINE dry or wetted with less than 20% water, by mass	–	1.1D	0282
NITROGUANIDINE, WETTED with not less than 20% water, by mass	–	4.1	1336
NITROHYDROCHLORIC ACID	–	8	1798
NITROMANNITE, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	–	1.1D	0133
NITROMETHANE	–	3	1261
Nitromuriatic Acid, see	–	8	1798

Substance, material or article	MP	Class	UN No.
NITRONAPHTHALENE	–	4.1	2538
NITROPHENOLS	–	6.1	1663
4-NITROPHENYLHYDRAZINE with not less than 30% water, by mass	–	4.1	3376
NITROPROPANES	–	3	2608
<i>p</i> -NITROSODIMETHYLANILINE	–	4.2	1369
4-Nitrosophenol (concentration 100%), <i>see</i>	–	4.1	3236
NITROSTARCH dry or wetted, with less than 20% water, by mass	–	1.1D	0146
NITROSTARCH, WETTED with not less than 20% water, by mass	–	4.1	1337
NITROSYL CHLORIDE	–	2.3	1069
NITROSYLSULPHURIC ACID, LIQUID	–	8	2308
NITROSYLSULPHURIC ACID, SOLID	–	8	3456
NITROTOLUENES, LIQUID	–	6.1	1664
NITROTOLUENES, SOLID	–	6.1	3446
NITROTOLUIDINES (MONO)	–	6.1	2660
NITROTRIAZOLONE	–	1.1D	0490
Nitrotrichloromethane, <i>see</i>	–	6.1	1580
NITRO UREA	–	1.1D	0147
Nitrous Ether Solution, <i>see</i>	–	3	1194
NITROUS OXIDE	–	2.2	1070
NITROUS OXIDE, REFRIGERATED LIQUID	–	2.2	2201
NITROXYLENES, LIQUID	–	6.1	1665
NITROXYLENES, SOLID	–	6.1	3447
Non-activated Carbon, <i>see</i>	–	4.2	1361
Non-activated Charcoal, <i>see</i>	–	4.2	1361
NONANES	–	3	1920
Nonylphenol, <i>see</i>	P	8	3145
NONYLTRICHLOROSILANE	–	8	1799
Norbormide, <i>see</i> PESTICIDE, N.O.S.	–	–	–
2,5-NORBORNADIENE, STABILIZED	–	3	2251
NTO	–	1.1D	0490
OCTADECYLTRICHLOROSILANE	–	8	1800
OCTADIENE	–	3	2309
Octafluoro-2-butene, <i>see</i>	–	2.2	2422
OCTAFLUOROBUT-2-ENE	–	2.2	2422
OCTAFLUOROCYCLOBUTANE	–	2.2	1976
OCTAFLUOROPROPANE	–	2.2	2424
Octaldehyde, <i>see</i>	–	3	1191
OCTANES	–	3	1262
3-Octanone, <i>see</i>	–	3	2271
OCTOGEN, DESENSITIZED	–	1.1D	0484
OCTOGEN, WETTED with not less than 15% water, by mass	–	1.1D	0226
OCTOL dry or wetted with less than 15% water, by mass	–	1.1D	0266
OCTOLITE dry or wetted with less than 15% water, by mass	–	1.1D	0266
OCTONAL	–	1.1D	0496
OCTYL ALDEHYDES	–	3	1191
<i>tert</i> -Octyl Mercaptan, <i>see</i>	–	6.1	3023

Substance, material or article	MP	Class	UN No.
OCTYLTRICHLOROSILANE	–	8	1801
Oenanthol, <i>see</i>	–	3	3056
Oil Cake, <i>see</i>	–	4.2	1386
OIL GAS, COMPRESSED	–	2.3	1071
Oleum, <i>see</i>	–	8	1831
Oleylamine, <i>see</i> Note 1	P	–	–
Omethoate, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Organic Peroxide, Liquid, Sample, <i>see</i>	–	5.2	3103
Organic Peroxide, Liquid, Sample, temperature controlled, <i>see</i>	–	5.2	3113
Organic Peroxide, Solid, Sample, <i>see</i>	–	5.2	3104
Organic Peroxide, Solid, Sample, temperature controlled, <i>see</i>	–	5.2	3114
ORGANIC PEROXIDE TYPE B, LIQUID	–	5.2	3101
ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3111
ORGANIC PEROXIDE TYPE B, SOLID	–	5.2	3102
ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED	–	5.2	3112
ORGANIC PEROXIDE TYPE C, LIQUID	–	5.2	3103
ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3113
ORGANIC PEROXIDE TYPE C, SOLID	–	5.2	3104
ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED	–	5.2	3114
ORGANIC PEROXIDE TYPE D, LIQUID	–	5.2	3105
ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3115
ORGANIC PEROXIDE TYPE D, SOLID	–	5.2	3106
ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED	–	5.2	3116
ORGANIC PEROXIDE TYPE E, LIQUID	–	5.2	3107
ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3117
ORGANIC PEROXIDE TYPE E, SOLID	–	5.2	3108
ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED	–	5.2	3118
ORGANIC PEROXIDE TYPE F, LIQUID	–	5.2	3109
ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED	–	5.2	3119
ORGANIC PEROXIDE TYPE F, SOLID	–	5.2	3110
ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED	–	5.2	3120
ORGANIC PIGMENTS, SELF-HEATING	–	4.2	3313
ORGANOARSENIC COMPOUND, LIQUID, N.O.S.	●	6.1	3280
ORGANOARSENIC COMPOUND, SOLID, N.O.S.	●	6.1	3465
ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	●	3	2762
ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	●	6.1	2996
ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	●	6.1	2995
ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	●	6.1	2761
ORGANOMETALLIC COMPOUND, SOLID, TOXIC, N.O.S.	●	6.1	3467
ORGANOMETALLIC COMPOUND, TOXIC, LIQUID, N.O.S.	●	6.1	3282
ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC	●	4.2	3392

Substance, material or article	MP	Class	UN No.
ORGANOMETALLIC SUBSTANCE, LIQUID, PYROPHORIC, WATER-REACTIVE	●	4.2	3394
ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE	●	4.3	3398
ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE	●	4.3	3399
ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC	●	4.2	3391
ORGANOMETALLIC SUBSTANCE, SOLID, PYROPHORIC, WATER-REACTIVE	●	4.2	3393
ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	●	4.2	3400
ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE	●	4.3	3395
ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	●	4.3	3396
ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING	●	4.3	3397
ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.	●	6.1	3279
ORGANOPHOSPHORUS COMPOUND, TOXIC, LIQUID, N.O.S.	●	6.1	3278
ORGANOPHOSPHORUS COMPOUND, TOXIC, SOLID, N.O.S.	●	6.1	3464
ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	●	3	2784
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	●	6.1	3018
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	●	6.1	3017
ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	●	6.1	2783
ORGANOTIN COMPOUND, LIQUID, N.O.S.	PP	6.1	2788
Organotin Compounds (pesticides), see ORGANOTIN PESTICIDE	PP	–	–
ORGANOTIN COMPOUND, SOLID, N.O.S.	PP	6.1	3146
ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	PP	3	2787
ORGANOTIN PESTICIDE, LIQUID, TOXIC	PP	6.1	3020
ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	PP	6.1	3019
ORGANOTIN PESTICIDE, SOLID, TOXIC	PP	6.1	2786
Orthoarsenic Acid, see	–	6.1	1553
Orthophosphoric Acid, Liquid, see	–	8	1805
Orthophosphoric Acid, Solid, see	–	8	3453
OSMIUM TETROXIDE	PP	6.1	2471
Oxamyl, see PESTICIDE, N.O.S.	P	–	–
OXIDIZING LIQUID, CORROSIVE, N.O.S.	●	5.1	3098
OXIDIZING LIQUID, N.O.S.	●	5.1	3139
OXIDIZING LIQUID, TOXIC, N.O.S.	●	5.1	3099
OXIDIZING SOLID, CORROSIVE, N.O.S.	●	5.1	3085
OXIDIZING SOLID, FLAMMABLE, N.O.S.	●	5.1	3137
OXIDIZING SOLID, N.O.S.	●	5.1	1479
OXIDIZING SOLID, SELF-HEATING, N.O.S.	●	5.1	3100
OXIDIZING SOLID, TOXIC, N.O.S.	●	5.1	3087
OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	●	5.1	3121
Oxirane, see	–	2.3	1040
Oxirane with nitrogen up to a total pressure of 1 MPa (10 bar) at 50°C	–	2.3	1040
Oxydemeton-methyl, see ORGANOPHOSPHORUS PESTICIDE	–	–	–
Oxydisulfoton, see ORGANOPHOSPHORUS PESTICIDE	P	–	–

Substance, material or article	MP	Class	UN No.
OXYGEN, COMPRESSED	–	2.2	1072
OXYGEN DIFLUORIDE, COMPRESSED	–	2.3	2190
Oxygen Fluoride, Compressed, <i>see</i>	–	2.3	2190
OXYGEN GENERATOR, CHEMICAL	–	5.1	3356
OXYGEN, REFRIGERATED LIQUID	–	2.2	1073
1-Oxy-4-nitrobenzene, <i>see</i>	–	6.1	1662
PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base)	●	3	1263
PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	●	8	3066
PAINT, CORROSIVE, FLAMMABLE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL CORROSIVE, FLAMMABLE (including paint thinning or reducing compound)	●	8	3470
PAINT, FLAMMABLE, CORROSIVE (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE (including paint thinning or reducing compound)	●	3	3469
PAINT RELATED MATERIAL (including paint thinning or reducing compound)	●	3	1263
PAINT RELATED MATERIAL (including paint thinning or reducing compound)	●	8	3066
PAPER, UNSATURATED OIL TREATED incompletely dried (including carbon paper)	–	4.2	1379
Para-acetaldehyde, <i>see</i>	–	3	1264
Paraffins, <i>see</i>	–	3	1223
PARAFORMALDEHYDE	–	4.1	2213
PARALDEHYDE	–	3	1264
Paraoxon, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Paraquat, <i>see</i> BIPYRIDILIUM PESTICIDE	–	–	–
Parathion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Parathion-methyl, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
PCBs, LIQUID, <i>see</i>	PP	9	2315
PCBs, SOLID, <i>see</i>	PP	9	3432
PENTABORANE	–	4.2	1380
PENTACHLOROETHANE	P	6.1	1669
PENTACHLOROPHENOL	PP	6.1	3155
Pentachlorophenol, <i>see</i> ORGANOCHLORINE PESTICIDE	PP	–	–
PENTAERYTHRITOL TETRANITRATE, DESENSITIZED with not less than 15% phlegmatizer, by mass	–	1.1D	0150
PENTAERYTHRITOL TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	●	4.1	3344
PENTAERYTHRITOL TETRANITRATE, WETTED with not less than 25% water, by mass	–	1.1D	0150
PENTAERYTHRITOL TETRANITRATE with not less than 7% wax, by mass	–	1.1D	0411
PENTAERYTHRITOL TETRANITRATE, DESENSITIZED with not less than 15% phlegmatizer, by mass	–	1.1D	0150
PENTAERYTHRITOL TETRANITRATE, WETTED with not less than 25% water, by mass	–	1.1D	0150

Substance, material or article	MP	Class	UN No.
PENTAERYTHRITOL TETRANITRATE with not less than 7% wax, by mass	–	1.1D	0411
PENTAFLUOROETHANE	–	2.2	3220
Pentafluoroethoxytrifluoroethylene, <i>see</i>	–	2.1	3154
Pentafluoroethyl Trifluorovinyl Ether, <i>see</i>	–	2.1	3154
Pentalin, <i>see</i>	P	6.1	1669
Pentamethylene, <i>see</i>	–	3	1146
PENTAMETHYLHEPTANE	–	3	2286
Pentanals, <i>see</i>	–	3	2058
Pentane, <i>see</i>	–	3	1265
PENTANE-2,4-DIONE	–	3	2310
2,4-Pentanedione, <i>see</i>	–	3	2310
PENTANES, LIQUID	–	3	1265
Pentanethiols, <i>see</i>	–	3	1111
PENTANOLS	–	3	1105
Pentanol, <i>see</i>	–	3	1105
2-Pentanone, <i>see</i>	–	3	1249
3-Pentanone, <i>see</i>	–	3	1156
1-PENTENE	–	3	1108
1-PENTOL	–	8	2705
PENTOLITE dry or wetted with less than 15% water, by mass	–	1.1D	0151
Pentylamines, <i>see</i>	–	3	1106
<i>n</i> -Pentylbenzene, <i>see</i> Note 1	P	–	–
Pentyl Butanoates, <i>see</i>	–	3	2620
Pentyl Butyrates, <i>see</i>	–	3	2620
Pentyl Formates, <i>see</i>	–	3	1109
Pentyl Nitrates, <i>see</i>	–	3	1112
Pentyl Nitrite, <i>see</i>	–	3	1113
PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	●	5.1	3211
PERCHLORATES, INORGANIC, N.O.S.	●	5.1	1481
PERCHLORIC ACID with more than 50% but not more than 72% acid, by mass	–	5.1	1873
PERCHLORIC ACID, with more than 72% acid by mass (transport prohibited)	–	–	–
PERCHLORIC ACID with not more than 50% acid, by mass	–	8	1802
Perchlorobenzene, <i>see</i>	–	6.1	2729
Perchlorocyclopentadiene, <i>see</i>	–	6.1	2646
Perchloroethylene, <i>see</i>	P	6.1	1897
PERCHLOROMETHYL MERCAPTAN	P	6.1	1670
PERCHLORYL FLUORIDE	–	2.3	3083
PERFLUORO(ETHYL VINYL ETHER)	–	2.1	3154
PERFLUORO(METHYL VINYL ETHER)	–	2.1	3153
Perfluoroacetyl Chloride, <i>see</i>	–	2.3	3057
Perfluoro-2-butene, <i>see</i>	–	2.2	2422
Perfluoropropane, <i>see</i>	–	2.2	2424
PERFUMERY PRODUCTS with flammable liquid	●	3	1266
PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	●	5.1	3214
PERMANGANATES, INORGANIC, N.O.S.	●	5.1	1482
PEROXIDES, INORGANIC, N.O.S.	●	5.1	1483

Substance, material or article	MP	Class	UN No.
Peroxyacetic Acid and Hydrogen Peroxide Mixture, <i>see</i>	–	5.1	3149
Peroxyacetic Acid, Type D (concentration $\leq 43\%$), Stabilized, <i>see</i>	–	5.2	3105
Peroxyacetic Acid, Type E (concentration $\leq 43\%$), Stabilized, <i>see</i>	–	5.2	3107
Peroxyacetic Acid, Type F (concentration $\leq 43\%$), Stabilized, <i>see</i>	–	5.2	3109
Peroxylauric Acid (concentration $\leq 100\%$), <i>see</i>	–	5.2	3118
PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	●	5.1	3216
PERSULPHATES, INORGANIC, N.O.S.	●	5.1	3215
PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S. flashpoint less than 23°C	●	3	3021
PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S. flashpoint not less than 23°C	●	6.1	2903
PESTICIDE, LIQUID, TOXIC, N.O.S.	●	6.1	2902
PESTICIDE, SOLID, TOXIC, N.O.S.	●	6.1	2588
PETN/TNT, <i>see</i>	–	1.1D	0151
PETN, DESENSITIZED with not less than 15% phlegmatizer, by mass	–	1.1D	0150
PETN, WETTED with not less than 25% water, by mass	–	1.1D	0150
PETN with not less than 7% wax, by mass	–	1.1D	0411
PETROL	●	3	1203
PETROLEUM CRUDE OIL	–	3	1267
PETROLEUM DISTILLATES, N.O.S.	●	3	1268
Petroleum Ether, <i>see</i>	●	3	1268
PETROLEUM GASES, LIQUEFIED	●	2.1	1075
Petroleum Naphtha, <i>see</i>	●	3	1268
Petroleum Oil, <i>see</i>	●	3	1268
PETROLEUM PRODUCTS, N.O.S.	●	3	1268
Petroleum Raffinate, <i>see</i>	●	3	1268
Petroleum Spirit, <i>see</i> PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	–	–	–
PETROL leaded	P	3	1203
PHENACYL BROMIDE	–	6.1	2645
Phenarsazine Chloride, <i>see</i>	PP	6.1	1698
PHENETIDINES	–	6.1	2311
Phenkapton, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
PHENOLATES, LIQUID	●	8	2904
PHENOLATES, SOLID	●	8	2905
PHENOL, MOLTEN	–	6.1	2312
PHENOL, SOLID	–	6.1	1671
PHENOL SOLUTION	–	6.1	2821
PHENOLSULPHONIC ACID, LIQUID	–	8	1803
<i>d</i> -Phenothrin, <i>see</i> Note 1	P	–	–
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	●	3	3346
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	●	6.1	3348
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	●	6.1	3347
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	●	6.1	3345

Substance, material or article	MP	Class	UN No.
Phenthoate, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
PHENYLACETONITRILE, LIQUID	–	6.1	2470
PHENYLACETYL CHLORIDE	–	8	2577
Phenylamine, <i>see</i>	–	6.1	1547
Phenyl Bromide, <i>see</i>	P	3	2514
1-Phenylbutane, <i>see</i>	–	3	2709
2-Phenylbutane, <i>see</i>	–	3	2709
Phenyl Carbimide, <i>see</i>	–	6.1	2487
PHENYLCARBYLAMINE CHLORIDE	–	6.1	1672
Phenylchloroform, <i>see</i>	–	8	2226
PHENYL CHLOROFORMATE	–	6.1	2746
Phenyl Chloromethyl Ketone, Liquid or Solid, <i>see</i>	–	6.1	1697
Phenyl Cyanide, <i>see</i>	–	6.1	2224
Phenylcyclohexane, <i>see</i>	P	9	3082
Phenyldichlorophosphine, <i>see</i>	–	8	2798
Phenyldichlorophosphine Sulphide, <i>see</i>	–	8	2799
PHENYLENEDIAMINES	–	6.1	1673
Phenylethane, <i>see</i>	–	3	1175
Phenylethylene, Stabilized, <i>see</i>	–	3	2055
Phenyl Fluoride, <i>see</i>	–	3	2387
PHENYLHYDRAZINE	–	6.1	2572
Phenyliminophosgene, <i>see</i>	–	6.1	1672
PHENYL ISOCYANATE	–	6.1	2487
Phenylisocyanodichloride, <i>see</i>	–	6.1	1672
PHENYL MERCAPTAN	–	6.1	2337
PHENYLMERCURIC ACETATE	PP	6.1	1674
PHENYLMERCURIC COMPOUND, N.O.S.	PP	6.1	2026
PHENYLMERCURIC HYDROXIDE	PP	6.1	1894
PHENYLMERCURIC NITRATE	PP	6.1	1895
Phenyl Methyl Carbinol, Solid or Liquid, <i>see</i>	–	6.1	2937
Phenyl Methyl Ether, <i>see</i>	–	3	2222
PHENYLPHOSPHORUS DICHLORIDE	–	8	2798
PHENYLPHOSPHORUS THIODICHLORIDE	–	8	2799
2-Phenylpropene, <i>see</i>	–	3	2303
PHENYLTRICHLOROSILANE	–	8	1804
Phenyltrifluoromethane, <i>see</i>	–	3	2338
Phorate, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Phosalone, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Phosfolan, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
PHOSGENE	–	2.3	1076
Phosmet, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
9-PHOSPHABICYCLONONANES	–	4.2	2940
Phosphamidon, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
PHOSPHINE	–	2.3	2199
Phosphoretted Hydrogen, <i>see</i>	–	2.3	2199
PHOSPHORIC ACID, SOLID	–	8	3453
PHOSPHORIC ACID SOLUTION	–	8	1805
Phosphoric Anhydride, <i>see</i>	–	8	1807
Phosphoric Chloride, <i>see</i>	–	8	1806

Substance, material or article	MP	Class	UN No.
Phosphoric Pentachloride, <i>see</i>	–	8	1806
Phosphoric Perchloride, <i>see</i>	–	8	1806
PHOSPHOROUS ACID	–	8	2834
PHOSPHORUS, AMORPHOUS	–	4.1	1338
Phosphorus Bromide, <i>see</i>	–	8	1808
Phosphorus Chloride, <i>see</i>	–	6.1	1809
PHOSPHORUS HEPTASULPHIDE free from yellow or white phosphorus	–	4.1	1339
PHOSPHORUS OXYBROMIDE, MOLTEN	–	8	2576
PHOSPHORUS OXYBROMIDE, SOLID	–	8	1939
PHOSPHORUS OXYCHLORIDE	–	8	1810
PHOSPHORUS PENTABROMIDE	–	8	2691
PHOSPHORUS PENTACHLORIDE	–	8	1806
PHOSPHORUS PENTAFLUORIDE	–	2.3	2198
PHOSPHORUS PENTASULPHIDE free from yellow or white phosphorus	–	4.3	1340
PHOSPHORUS PENTOXIDE	–	8	1807
Phosphorus, Red, <i>see</i>	–	4.1	1338
PHOSPHORUS SESQUISULPHIDE free from yellow or white phosphorus	–	4.1	1341
Phosphorus (V) Sulphide, free from yellow or white phosphorus, <i>see</i>	–	4.3	1340
Phosphorus Sulphochloride, <i>see</i>	–	8	1837
PHOSPHORUS TRIBROMIDE	–	8	1808
PHOSPHORUS TRICHLORIDE	–	6.1	1809
PHOSPHORUS TRIOXIDE	–	8	2578
PHOSPHORUS TRISULPHIDE free from yellow or white phosphorus	–	4.1	1343
PHOSPHORUS, WHITE, DRY	PP	4.2	1381
PHOSPHORUS, WHITE, IN SOLUTION	PP	4.2	1381
PHOSPHORUS, WHITE, MOLTEN	PP	4.2	2447
PHOSPHORUS, WHITE, UNDER WATER	PP	4.2	1381
PHOSPHORUS, YELLOW, DRY	PP	4.2	1381
PHOSPHORUS, YELLOW, IN SOLUTION	PP	4.2	1381
PHOSPHORUS, YELLOW, UNDER WATER	PP	4.2	1381
Phosphoryl Bromide, Molten, <i>see</i>	–	8	2576
Phosphoryl Bromide, Solid, <i>see</i>	–	8	1939
Phosphoryl Chloride, <i>see</i>	–	8	1810
PHTHALIC ANHYDRIDE with more than 0.05% of maleic anhydride	–	8	2214
PICOLINES	–	3	2313
Picramic acid, wetted with not less than 20% water, by mass, <i>see</i>	–	4.1	3317
PICRAMIDE	–	1.1D	0153
PICRIC ACID dry or wetted with less than 30% water, by mass	–	1.1D	0154
PICRIC ACID, WETTED with not less than 10% water, by mass	–	4.1	3364
Picric Acid, wetted with not less than 30% water, by mass, <i>see</i>	–	4.1	1344
PICRITE dry or wetted with less than 20% water, by mass	–	1.1D	0282
PICRITE, WETTED with not less than 20% water, by mass	–	4.1	1336
PICRYL CHLORIDE	–	1.1D	0155
PICRYL CHLORIDE, WETTED with not less than 10% water, by mass	–	4.1	3365

Substance, material or article	MP	Class	UN No.
Pinanyl Hydroperoxide (concentration > 56–100%), <i>see</i>	–	5.2	3105
Pinanyl Hydroperoxide (concentration ≤ 56%, with diluent Type A), <i>see</i>	–	5.2	3109
Pindone (and salts of), <i>see</i> PESTICIDE, N.O.S.	P	–	–
<i>alpha</i> -PINENE	–	3	2368
PINE OIL	–	3	1272
PIPERAZINE	–	8	2579
PIPERIDINE	–	8	2401
Pirimicarb, <i>see</i> CARBAMATE PESTICIDE	P	–	–
Pirimiphos-ethyl, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Pivaloyl Chloride, <i>see</i>	–	6.1	2438
Plastic Explosives, <i>see</i>	–	1.1D	0084
PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form, evolving flammable vapour	–	9	3314
PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.	●	4.2	2006
Platinic Chloride, Solid, <i>see</i>	–	8	2507
Polish, <i>see</i> PAINT	–	–	–
POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	●	3	2733
POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	●	8	2734
POLYAMINES, LIQUID, CORROSIVE, N.O.S.	●	8	2735
POLYAMINES, SOLID, CORROSIVE, N.O.S.	●	8	3259
POLYCHLORINATED BIPHENYLS, LIQUID	PP	9	2315
POLYCHLORINATED BIPHENYLS, SOLID	PP	9	3432
POLYESTER RESIN KIT	●	3	3269
Polyether Poly- <i>tert</i> -butylperoxycarbonate (concentration ≤ 52%, with diluent Type B), <i>see</i>	–	5.2	3107
POLYHALOGENATED BIPHENYLS, LIQUID	PP	9	3151
POLYHALOGENATED BIPHENYLS, SOLID	PP	9	3152
POLYHALOGENATED TERPHENYLS, LIQUID	PP	9	3151
POLYHALOGENATED TERPHENYLS, SOLID	PP	9	3152
POLYMERIC BEADS, EXPANDABLE evolving flammable vapour	–	9	2211
Polystyrene Beads, expandable, <i>see</i>	–	9	2211
Polystyrene Beads, expandable, evolving flammable vapour, <i>see</i>	–	9	2211
POTASSIUM	–	4.3	2257
Potassium Acid Fluoride, Solid, <i>see</i>	–	8	1811
Potassium Acid Fluoride Solution, <i>see</i>	–	8	1811
Potassium Alloys, Metal, <i>see</i>	–	4.3	1420
Potassium Amalgams, <i>see</i>	–	4.3	1389
Potassium Amide, <i>see</i>	–	4.3	1390
Potassium Antimony Tartrate, <i>see</i>	–	6.1	1551
POTASSIUM ARSENATE	–	6.1	1677
POTASSIUM ARSENITE	–	6.1	1678
Potassium Bifluoride, Solid, <i>see</i>	–	8	1811
Potassium Bifluoride Solution, <i>see</i>	–	8	3421
Potassium Bisulphate, <i>see</i>	–	8	2509
Potassium Bisulphite Solution, <i>see</i>	–	8	2693
POTASSIUM BOROHYDRIDE	–	4.3	1870
POTASSIUM BROMATE	–	5.1	1484
POTASSIUM CHLORATE	–	5.1	1485
POTASSIUM CHLORATE, AQUEOUS SOLUTION	–	5.1	2427

Substance, material or article	MP	Class	UN No.
Potassium Chlorate mixed with mineral oil, <i>see</i>	–	1.1D	0083
POTASSIUM CUPROCYANIDE	PP	6.1	1679
POTASSIUM CYANIDE, SOLID	P	6.1	1680
POTASSIUM CYANIDE SOLUTION	P	6.1	3413
Potassium Cyanocuprate(I), <i>see</i>	PP	6.1	1679
Potassium Cyanomercurate, <i>see</i>	PP	6.1	1626
Potassium Dicyanocuprate(I), <i>see</i>	–	6.1	1679
Potassium Dihydrogen Arsenate, <i>see</i>	–	6.1	1677
Potassium Dispersions, <i>see</i>	–	4.3	1391
POTASSIUM DITHIONITE	–	4.2	1929
POTASSIUM FLUORIDE, SOLID	–	6.1	1812
POTASSIUM FLUORIDE SOLUTION	–	6.1	3422
POTASSIUM FLUOROACETATE	–	6.1	2628
POTASSIUM FLUOROSILICATE	–	6.1	2655
Potassium Hexafluorosilicate, <i>see</i>	–	6.1	2655
Potassium Hydrate, <i>see</i>	–	8	1814
POTASSIUM HYDROGEN DIFLUORIDE, SOLID	–	8	1811
POTASSIUM HYDROGEN DIFLUORIDE SOLUTION	–	8	3421
Potassium Hydrogen Fluoride, Solid, <i>see</i>	–	8	1811
Potassium Hydrogen Fluoride Solution, <i>see</i>	–	8	3421
POTASSIUM HYDROGEN SULPHATE	–	8	2509
POTASSIUM HYDROSULPHITE	–	4.2	1929
Potassium Hydroxide, Liquid, <i>see</i>	–	8	1814
POTASSIUM HYDROXIDE, SOLID	–	8	1813
POTASSIUM HYDROXIDE SOLUTION	–	8	1814
Potassium Hypochlorite Solution, <i>see</i>	–	8	1791
Potassium Mercuric Iodide, <i>see</i>	PP	6.1	1643
POTASSIUM METAL ALLOYS, LIQUID	–	4.3	1420
POTASSIUM METAL ALLOYS, SOLID	–	4.3	3403
POTASSIUM METAVANADATE	–	6.1	2864
POTASSIUM MONOXIDE	–	8	2033
POTASSIUM NITRATE	–	5.1	1486
Potassium Nitrate and Sodium Nitrate Mixture, <i>see</i>	–	5.1	1499
POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE	–	5.1	1487
POTASSIUM NITRITE	–	5.1	1488
Potassium Oxide, <i>see</i>	–	8	2033
POTASSIUM PERCHLORATE	–	5.1	1489
POTASSIUM PERMANGANATE	–	5.1	1490
POTASSIUM PEROXIDE	–	5.1	1491
POTASSIUM PERSULPHATE	–	5.1	1492
POTASSIUM PHOSPHIDE	–	4.3	2012
Potassium Silicofluoride, <i>see</i>	–	6.1	2655
POTASSIUM SODIUM ALLOYS, LIQUID	–	4.3	1422
POTASSIUM SODIUM ALLOYS, SOLID	–	4.3	3404
POTASSIUM SULPHIDE, ANHYDROUS	–	4.2	1382
POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization	–	8	1847
POTASSIUM SULPHIDE with less than 30% water of crystallization	–	4.2	1382
POTASSIUM SUPEROXIDE	–	5.1	2466

Substance, material or article	MP	Class	UN No.
Potassium Tetracyanomercurate(II), see	–	6.1	1626
Potassium Vanadate, see	–	6.1	2864
POWDER CAKE, WETTED with not less than 17% alcohol, by mass	–	1.1C	0433
POWDER CAKE, WETTED with not less than 25% water, by mass	–	1.3C	0159
POWDER PASTE, WETTED with not less than 17% alcohol, by mass	–	1.1C	0433
POWDER PASTE, WETTED with not less than 25% water, by mass	–	1.3C	0159
POWDER, SMOKELESS	–	1.1C	0160
POWDER, SMOKELESS	–	1.3C	0161
Power Devices, Explosive, see CARTRIDGES, POWER DEVICE	–	–	–
Praseodymium Nitrate and Neodymium Nitrate Mixture, see	–	5.1	1465
PRIMERS, CAP TYPE	–	1.1B	0377
PRIMERS, CAP TYPE	–	1.4B	0378
PRIMERS, CAP TYPE	–	1.4S	0044
Primers, Small Arms, see	–	1.4S	0044
PRIMERS, TUBULAR	–	1.3G	0319
PRIMERS, TUBULAR	–	1.4G	0320
PRIMERS, TUBULAR	–	1.4S	0376
PRINTING INK flammable	–	3	1210
PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	–	3	1210
Projectiles, Illuminating, see AMMUNITION, ILLUMINATING	–	–	–
PROJECTILES inert, with tracer	–	1.3G	0424
PROJECTILES inert, with tracer	–	1.4G	0425
PROJECTILES inert, with tracer	–	1.4S	0345
PROJECTILES with burster or expelling charge	–	1.2D	0346
PROJECTILES with burster or expelling charge	–	1.2F	0426
PROJECTILES with burster or expelling charge	–	1.2G	0434
PROJECTILES with burster or expelling charge	–	1.4D	0347
PROJECTILES with burster or expelling charge	–	1.4F	0427
PROJECTILES with burster or expelling charge	–	1.4G	0435
PROJECTILES with bursting charge	–	1.1D	0168
PROJECTILES with bursting charge	–	1.1F	0167
PROJECTILES with bursting charge	–	1.2D	0169
PROJECTILES with bursting charge	–	1.2F	0324
PROJECTILES with bursting charge	–	1.4D	0344
Promecarb, see CARBAMATE PESTICIDE	P	–	–
Promurit, see CARBAMATE PESTICIDE	–	–	–
Propachlor, see Note 1	P	–	–
Propadiene and Methylacetylene Mixture, Stabilized, see	–	2.1	1060
PROPADIENE, STABILIZED	–	2.1	2200
PROPANE	–	2.1	1978
PROPANETHIOLS	–	3	2402
PROPANOL	–	3	1274
1-Propanol, see	–	3	1274
2-Propanol, see	–	3	1219
2-Propanone, see	–	3	1090
2-Propanone Solutions, see	–	3	1090

Substance, material or article	MP	Class	UN No.
Propanoyl Chloride, <i>see</i>	–	3	1815
Propaphos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Propargyl Bromide, <i>see</i>	–	3	2345
PROPELLANT, LIQUID	–	1.1C	0497
PROPELLANT, LIQUID	–	1.3C	0495
PROPELLANT, SOLID	–	1.1C	0498
PROPELLANT, SOLID	–	1.3C	0499
PROPELLANT, SOLID	–	1.4C	0501
Propellants, single, double or triple base, <i>see</i> POWDER, SMOKELESS	–	–	–
Propenal, Stabilized, <i>see</i>	P	6.1	1092
Propene, <i>see</i>	–	2.1	1077
Propenenitrile, Stabilized, <i>see</i>	–	3	1093
2-Propenoic Acid Dimethylaminoethyl Ester, <i>see</i>	–	6.1	3302
Propenoic Acid, Stabilized, <i>see</i>	–	8	2218
3-(2-Propenoxy)propene, <i>see</i>	–	3	2360
Propenyl Alcohol, <i>see</i>	–	6.1	1098
2-Propenylamine, <i>see</i>	–	6.1	2334
<i>alpha</i> -Propenyldichlorohydrin, <i>see</i>	–	6.1	2750
PROPIONALDEHYDE	–	3	1275
PROPIONIC ACID with not less than 10% and less than 90% acid by mass	–	8	1848
PROPIONIC ACID with not less than 90% acid by mass	–	8	3463
Propionic Aldehyde, <i>see</i>	–	3	1275
PROPIONIC ANHYDRIDE	–	8	2496
PROPIONITRILE	–	3	2404
PROPIONYL CHLORIDE	–	3	1815
Propoxur, <i>see</i> CARBAMATE PESTICIDE	P	–	–
1-Propoxypropane, <i>see</i>	–	3	2384
PROPYL ACETATE	–	3	1276
PROPYL ALCOHOL, NORMAL	–	3	1274
Propyl Aldehyde, <i>see</i>	–	3	1275
PROPYLAMINE	–	3	1277
PROPYLBENZENE	–	3	2364
Propyl Bromides, <i>see</i>	–	3	2344
Propyl Chloride, <i>see</i>	–	3	1278
Propyl Chlorocarbonate, <i>see</i>	–	6.1	2740
PROPYL CHLOROFORMATE	–	6.1	2740
Propyl Cyanide, <i>see</i>	–	3	2411
PROPYLENE	–	2.1	1077
Propylene, Acetylene and Ethylene Mixture, refrigerated Liquid, <i>see</i>	–	2.1	3138
PROPYLENE CHLOROHYDRIN	–	6.1	2611
1,2-PROPYLENEDIAMINE	–	8	2258
Propylene Dichloride, <i>see</i>	–	3	1279
PROPYLENEIMINE, STABILIZED	–	3	1921
PROPYLENE OXIDE	–	3	1280
PROPYLENE TETRAMER	–	3	2850
Propylene Trimer, <i>see</i>	–	3	2057
Propyl Ether, <i>see</i>	–	3	2384

Substance, material or article	MP	Class	UN No.
PROPYL FORMATES	–	3	1281
Propylformic Acid, <i>see</i>	–	8	2820
Propylidene Dichloride, <i>see</i>	–	3	1993
Propyl Iodides, <i>see</i>	–	3	2392
PROPYL ISOCYANATE	–	6.1	2482
Propyl Mercaptan, <i>see</i>	–	3	2402
Propyl Methanoates, <i>see</i>	–	3	1281
PROPYL NITRATE	–	3	1865
PROPYLTRICHLOROSILANE	–	8	1816
Prothoate, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Prussic Acid, Anhydrous, Stabilized, containing less than 3% water, <i>see</i>	P	6.1	1051
Prussic Acid, Anhydrous, Stabilized, containing less than 3% water and absorbed in a porous inert material, <i>see</i>	P	6.1	1614
Prussic Acid, Aqueous Solution, <i>see</i>	P	6.1	1613
Prussic Acid, Aqueous Solution with not more than 20% Hydrogen Cyanide, <i>see</i>	P	6.1	1613
Pyrazine Hexahydride, Solid, <i>see</i>	–	8	2579
Pyrazophos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Pyrazoxon, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	●	3	3350
PYRETHROID PESTICIDE, LIQUID, TOXIC	●	6.1	3352
PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	●	6.1	3351
PYRETHROID PESTICIDE, SOLID, TOXIC	●	6.1	3349
PYRIDINE	–	3	1282
PYROPHORIC ALLOY, N.O.S.	●	4.2	1383
Pyrophoric Articles, <i>see</i>	–	1.2L	0380
PYROPHORIC LIQUID, INORGANIC, N.O.S.	●	4.2	3194
PYROPHORIC LIQUID, ORGANIC, N.O.S.	●	4.2	2845
PYROPHORIC METAL, N.O.S.	●	4.2	1383
PYROPHORIC SOLID, INORGANIC, N.O.S.	●	4.2	3200
PYROPHORIC SOLID, ORGANIC, N.O.S.	●	4.2	2846
Pyrosulphuric Acid, <i>see</i>	–	8	1831
PYROSULPHURYL CHLORIDE	–	8	1817
Pyroxylin Solution, <i>see</i>	–	3	2059
PYRROLIDINE	–	3	1922
Quinalphos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
QUINOLINE	–	6.1	2656
Quinone, <i>see</i>	–	6.1	2587
Quizalofop, <i>see</i> Note 1	PP	–	–
Quizalofop-P-ethyl, <i>see</i> Note 1	PP	–	–
Racumin, <i>see</i> COUMARIN DERIVATIVE PESTICIDE (Coumatetralyl)	–	–	–
Radioactive Isotopes (A_1 and A_2 values for), <i>see</i> 2.7.7.2	–	–	–
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES	–	7	2911
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES MANUFACTURED FROM DEPLETED URANIUM	–	7	2909

Substance, material or article	MP	Class	UN No.
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES MANUFACTURED FROM NATURAL THORIUM	–	7	2909
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES MANUFACTURED FROM NATURAL URANIUM	–	7	2909
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – EMPTY PACKAGING	–	7	2908
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – INSTRUMENTS	–	7	2911
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – LIMITED QUANTITY OF MATERIAL	–	7	2910
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), non fissile or fissile – excepted	–	7	2912
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE	–	7	3324
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile – excepted	–	7	3321
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, (LSA-III), FISSILE	–	7	3325
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non fissile or fissile – excepted	–	7	3322
RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE	–	7	3326
RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), non fissile or fissile – excepted	–	7	2913
RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	–	7	3331
RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT non fissile or fissile – excepted	–	7	2919
RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE, non-special form	–	7	3327
RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile – excepted	–	7	2915
RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE	–	7	3333
RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non fissile or fissile – excepted	–	7	3332
RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE	–	7	3329
RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, non fissile or fissile – excepted	–	7	2917
RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE	–	7	3328
RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, non fissile or fissile – excepted	–	7	2916
RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE	–	7	3330
RADIOACTIVE MATERIAL, TYPE C PACKAGE, non fissile or fissile – excepted	–	7	3323
RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE	–	7	2977
RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, non fissile or fissile – excepted	–	7	2978
Radionuclides (A_1 and A_2 values for), see 2.7.7.2	–	–	–
RAGS, OILY	–	4.2	1856
Railway Fusees, see SIGNAL DEVICES, HAND	–	–	–
RDX/TNT, see	–	1.1D	0118
RDX/TNT/aluminium, see	–	1.1D	0393
RDX AND HMX MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	–	1.1D	0391

Substance, material or article	MP	Class	UN No.
RDX AND HMX MIXTURE, WETTED with not less than 15% water, by mass	-	1.1D	0391
RDX AND OCTOGEN MIXTURE, DESENSITIZED with not less than 10% phlegmatizer, by mass	-	1.1D	0391
RDX AND OCTOGEN MIXTURE, WETTED with not less than 15% water, by mass	-	1.1D	0391
RDX, DESENSITIZED	-	1.1D	0483
RDX, WETTED with not less than 15% water, by mass	-	1.1D	0072
RECEPTACLES, SMALL, CONTAINING GAS without a release device, non refillable	-	2	2037
Red Phosphorus, <i>see</i>	-	4.1	1338
REFRIGERANT GAS, N.O.S.	•	2.2	1078
REFRIGERANT GAS R 1132a	-	2.1	1959
REFRIGERANT GAS R 114	-	2.2	1958
REFRIGERANT GAS R 115	-	2.2	1020
REFRIGERANT GAS R 116	-	2.2	2193
REFRIGERANT GAS R 12	-	2.2	1028
REFRIGERANT GAS R 1216	-	2.2	1858
REFRIGERANT GAS R 124	-	2.2	1021
REFRIGERANT GAS R 125	-	2.2	3220
REFRIGERANT GAS R 12B1	-	2.2	1974
REFRIGERANT GAS R 13	-	2.2	1022
REFRIGERANT GAS R 1318	-	2.2	2422
REFRIGERANT GAS R 133a	-	2.2	1983
REFRIGERANT GAS R 134a	-	2.2	3159
REFRIGERANT GAS R 13B1	-	2.2	1009
REFRIGERANT GAS R 14	-	2.2	1982
REFRIGERANT GAS R 142b	-	2.1	2517
REFRIGERANT GAS R 143a	-	2.1	2035
REFRIGERANT GAS R 152a	-	2.1	1030
REFRIGERANT GAS R 161	-	2.1	2453
REFRIGERANT GAS R 21	-	2.2	1029
REFRIGERANT GAS R 218	-	2.2	2424
REFRIGERANT GAS R 22	-	2.2	1018
REFRIGERANT GAS R 227	-	2.2	3296
REFRIGERANT GAS R 23	-	2.2	1984
REFRIGERANT GAS R 32	-	2.1	3252
REFRIGERANT GAS R 40	-	2.1	1063
REFRIGERANT GAS R 404A	-	2.2	3337
REFRIGERANT GAS R 407A	-	2.2	3338
REFRIGERANT GAS R 407B	-	2.2	3339
REFRIGERANT GAS R 407C	-	2.2	3340
REFRIGERANT GAS R 41	-	2.1	2454
REFRIGERANT GAS R 500	-	2.2	2602
REFRIGERANT GAS R 502	-	2.2	1973
REFRIGERANT GAS R 503	-	2.2	2599
REFRIGERANT GAS RC 318	-	2.2	1976
REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas	-	2.1	3358
REFRIGERATING MACHINES containing non-flammable, non-toxic gases or ammonia solution (UN 2672)	-	2.2	2857

Substance, material or article	MP	Class	UN No.
REGULATED MEDICAL WASTE, N.O.S.	–	6.2	3291
RELEASE DEVICES, EXPLOSIVE	–	1.4S	0173
RESIN SOLUTION flammable	●	3	1866
Resorcin, <i>see</i>	–	6.1	2876
RESORCINOL	–	6.1	2876
RIVETS, EXPLOSIVE	–	1.4S	0174
Road Asphalt, <i>see</i>	●	3	1999
ROCKET MOTORS	–	1.1C	0280
ROCKET MOTORS	–	1.2C	0281
ROCKET MOTORS	–	1.3C	0186
ROCKET MOTORS, LIQUID FUELLED	–	1.2J	0395
ROCKET MOTORS, LIQUID FUELLED	–	1.3J	0396
ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	–	1.2L	0322
ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	–	1.3L	0250
ROCKETS, LINE-THROWING	–	1.2G	0238
ROCKETS, LINE-THROWING	–	1.3G	0240
ROCKETS, LINE-THROWING	–	1.4G	0453
ROCKETS, LIQUID FUELLED with bursting charge	–	1.1J	0397
ROCKETS, LIQUID FUELLED with bursting charge	–	1.2J	0398
ROCKETS with bursting charge	–	1.1E	0181
ROCKETS with bursting charge	–	1.1F	0180
ROCKETS with bursting charge	–	1.2E	0182
ROCKETS with bursting charge	–	1.2F	0295
ROCKETS with expelling charge	–	1.2C	0436
ROCKETS with expelling charge	–	1.3C	0437
ROCKETS with expelling charge	–	1.4C	0438
ROCKETS with inert head	–	1.2C	0502
ROCKETS with inert head	–	1.3C	0183
ROSIN OIL	–	3	1286
Rotenone, <i>see</i> PESTICIDE, N.O.S	P	–	–
RUBBER SCRAP powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%	–	4.1	1345
RUBBER SHODDY powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%	–	4.1	1345
RUBBER SOLUTION	●	3	1287
RUBIDIUM	–	4.3	1423
Rubidium Alloy (liquid), <i>see</i>	–	4.3	1421
Rubidium Amalgam, <i>see</i>	–	4.3	1389
Rubidium Amide, <i>see</i>	–	4.3	1390
Rubidium Dispersion, <i>see</i>	–	4.3	1391
RUBIDIUM HYDROXIDE, SOLID	–	8	2678
RUBIDIUM HYDROXIDE SOLUTION	–	8	2677
Salithion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Saltpetre, <i>see</i>	–	5.1	1486
SAMPLES, EXPLOSIVE other than initiating explosive	–	1	0190
Sand Acid, <i>see</i>	–	8	1778
Schradan, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–

Substance, material or article	MP	Class	UN No.
SEAT-BELT PRETENSIONERS	–	1.4G	0503
SEAT-BELT PRETENSIONERS	–	9	3268
SEED CAKE, containing vegetable oil (a) mechanically expelled seeds, containing more than 10% of oil or more than 20% of oil and moisture combined	–	4.2	1386
SEED CAKE, containing vegetable oil (b) solvent extractions and expelled seeds, containing not more than 10% of oil and when the amount of moisture is higher than 10%, not more than 20% of oil and moisture combined	–	4.2	1386
SEED CAKE with not more than 1.5% oil and not more than 11% moisture	–	4.2	2217
Seed Expellers, Oily, <i>see</i>	–	4.2	1386
SELENATES	●	6.1	2630
SELENIC ACID	–	8	1905
Seleninyl Chloride, <i>see</i>	–	8	2879
SELENITES	●	6.1	2630
SELENIUM COMPOUND, LIQUID, N.O.S.	●	6.1	3440
SELENIUM COMPOUND, SOLID, N.O.S.	●	6.1	3283
SELENIUM DISULPHIDE	–	6.1	2657
SELENIUM HEXAFLUORIDE	–	2.3	2194
Selenium Hydride, <i>see</i>	–	2.3	2202
SELENIUM OXYCHLORIDE	–	8	2879
SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	●	4.2	3188
SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	●	4.2	3185
SELF-HEATING LIQUID, INORGANIC, N.O.S.	●	4.2	3186
SELF-HEATING LIQUID, ORGANIC, N.O.S.	●	4.2	3183
SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	●	4.2	3187
SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	●	4.2	3184
SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	●	4.2	3192
SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	●	4.2	3126
SELF-HEATING SOLID, INORGANIC, N.O.S.	●	4.2	3190
SELF-HEATING SOLID, ORGANIC, N.O.S.	●	4.2	3088
SELF-HEATING SOLID, OXIDIZING, N.O.S.	●	4.2	3127
SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	●	4.2	3191
SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	●	4.2	3128
Self-reactive Liquid, Sample, <i>see</i>	–	4.1	3223
Self-reactive Liquid, Sample, temperature controlled, <i>see</i>	–	4.1	3233
SELF-REACTIVE LIQUID TYPE B	–	4.1	3221
SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED	–	4.1	3231
SELF-REACTIVE LIQUID TYPE C	–	4.1	3223
SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED	–	4.1	3233
SELF-REACTIVE LIQUID TYPE D	–	4.1	3225
SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED	–	4.1	3235
SELF-REACTIVE LIQUID TYPE E	–	4.1	3227
SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED	–	4.1	3237
SELF-REACTIVE LIQUID TYPE F	–	4.1	3229
SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED	–	4.1	3239

Substance, material or article	MP	Class	UN No.
Self-reactive Solid, Sample, see	–	4.1	3224
Self-reactive Solid, Sample, temperature controlled, see	–	4.1	3234
SELF-REACTIVE SOLID TYPE B	–	4.1	3222
SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED	–	4.1	3232
SELF-REACTIVE SOLID TYPE C	–	4.1	3224
SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED	–	4.1	3234
SELF-REACTIVE SOLID TYPE D	–	4.1	3226
SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED	–	4.1	3236
SELF-REACTIVE SOLID TYPE E	–	4.1	3228
SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED	–	4.1	3238
SELF-REACTIVE SOLID TYPE F	–	4.1	3230
SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED	–	4.1	3240
SHALE OIL	–	3	1288
Shaped Charges, see CHARGES, SHAPED	–	–	–
Shellac Solution, see PAINT	–	–	–
SIGNAL DEVICES, HAND	–	1.4G	0191
SIGNAL DEVICES, HAND	–	1.4S	0373
SIGNALS, DISTRESS ship	–	1.1G	0194
SIGNALS, DISTRESS ship	–	1.3G	0195
Signals, Distress, Ship, water-activated, see CONTRIVANCES, WATER-ACTIVATED	–	–	–
SIGNALS, RAILWAY TRACK, EXPLOSIVE	–	1.1G	0192
SIGNALS, RAILWAY TRACK, EXPLOSIVE	–	1.3G	0492
SIGNALS, RAILWAY TRACK, EXPLOSIVE	–	1.4G	0493
SIGNALS, RAILWAY TRACK, EXPLOSIVE	–	1.4S	0193
SIGNALS, SMOKE	–	1.1G	0196
SIGNALS, SMOKE	–	1.2G	0313
SIGNALS, SMOKE	–	1.3G	0487
SIGNALS, SMOKE	–	1.4G	0197
Silafluofen, see Note 1	PP	–	–
SILANE	–	2.1	2203
Silicofluoric Acid, see	–	8	1778
Silicofluorides, N.O.S., see	●	6.1	2856
Silicon Chloride, see	–	8	1818
SILICON POWDER, AMORPHOUS	–	4.1	1346
SILICON TETRACHLORIDE	–	8	1818
SILICON TETRAFLUORIDE	–	2.3	1859
Silicon Tetrahydride, Compressed, see	–	2.1	2203
SILVER ARSENITE	P	6.1	1683
SILVER CYANIDE	P	6.1	1684
SILVER NITRATE	–	5.1	1493
Silver Orthoarsenite, see	P	6.1	1683
Silver Picrate, dry or wetted with less than 30% water, by mass (transport prohibited)	–	–	–
SILVER PICRATE, WETTED with not less than 30% water, by mass	–	4.1	1347
Sisal, Dry, see	–	4.1	3360

Substance, material or article	MP	Class	UN No.
SLUDGE ACID	–	8	1906
Slurry, explosives, see EXPLOSIVES, BLASTING, TYPE E	–	–	–
Smokeless Powder, see	–	1.1C	0160
SODA LIME with more than 4% sodium hydroxide	–	8	1907
SODIUM	–	4.3	1428
SODIUM ALUMINATE SOLUTION	–	8	1819
SODIUM ALUMINIUM HYDRIDE	–	4.3	2835
Sodium Amalgam, see	–	4.3	1389
Sodium Amide, see	–	4.3	1390
SODIUM AMMONIUM VANADATE	–	6.1	2863
SODIUM ARSANILATE	–	6.1	2473
SODIUM ARSENATE	–	6.1	1685
Sodium Arsenite (pesticide), see ARSENICAL PESTICIDE	–	–	–
SODIUM ARSENITE, AQUEOUS SOLUTION	–	6.1	1686
SODIUM ARSENITE, SOLID	–	6.1	2027
SODIUM AZIDE	–	6.1	1687
Sodium Bifluoride, see	–	8	2439
Sodium Bisulphite Solution, see	–	8	2693
SODIUM BOROHYDRIDE	–	4.3	1426
SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION with not more than 12% sodium borohydride and not more than 40% sodium hydroxide, by mass	–	8	3320
SODIUM BROMATE	–	5.1	1494
SODIUM CACODYLATE	–	6.1	1688
SODIUM CARBONATE PEROXYHYDRATE	–	5.1	3378
SODIUM CHLORATE	–	5.1	1495
SODIUM CHLORATE, AQUEOUS SOLUTION	–	5.1	2428
Sodium Chlorate mixed with Dinitrotoluene, see	–	1.1D	0083
SODIUM CHLORITE	–	5.1	1496
SODIUM CHLOROACETATE	–	6.1	2659
Sodium Copper Cyanide, Solid, see	PP	6.1	2316
Sodium Copper Cyanide Solution, see	PP	6.1	2317
SODIUM CUPROCYANIDE, SOLID	PP	6.1	2316
SODIUM CUPROCYANIDE SOLUTION	PP	6.1	2317
SODIUM CYANIDE, SOLID	P	6.1	1689
SODIUM CYANIDE SOLUTION	P	6.1	3414
Sodium 2-diazo-1-naphthol-4-sulphonate (concentration 100%), see	–	4.1	3226
Sodium 2-diazo-1-naphthol-5-sulphonate (concentration 100%), see	–	4.1	3226
Sodium Dicyanocuprate(I), Solid, see	PP	6.1	2316
Sodium Dicyanocuprate(I) Solution, see	•	6.1	2317
SODIUM DINITRO- <i>ortho</i> -CRESOLATE dry or wetted with less than 15% water, by mass	P	1.3C	0234
SODIUM DINITRO- <i>o</i> -CRESOLATE, WETTED with not less than 10% water, by mass	P	4.1	3369
SODIUM DINITRO- <i>ortho</i> -CRESOLATE, WETTED with not less than 15% water, by mass	P	4.1	1348
Sodium Dioxide, see	–	5.1	1504
Sodium Dispersion, see	–	4.3	1391
SODIUM DITHIONITE	–	4.2	1384

Substance, material or article	MP	Class	UN No.
SODIUM FLUORIDE, SOLID	–	6.1	1690
SODIUM FLUORIDE SOLUTION	–	6.1	3415
SODIUM FLUOROACETATE	–	6.1	2629
SODIUM FLUOROSILICATE	–	6.1	2674
Sodium Hexafluorosilicate, <i>see</i>	–	6.1	2674
Sodium Hydrate, <i>see</i>	–	8	1824
SODIUM HYDRIDE	–	4.3	1427
Sodium Hydrogen 4-aminophenylarsenate, <i>see</i>	–	6.1	2473
SODIUM HYDROGENDIFLUORIDE	–	8	2439
Sodium Hydrogen Sulphite Solution, <i>see</i>	–	8	2693
SODIUM HYDROSULPHIDE HYDRATED with not less than 25% water of crystallization	–	8	2949
SODIUM HYDROSULPHIDE with less than 25% water of crystallization	–	4.2	2318
SODIUM HYDROSULPHITE	–	4.2	1384
SODIUM HYDROXIDE, SOLID	–	8	1823
SODIUM HYDROXIDE SOLUTION	–	8	1824
Sodium Hypochlorite Solution, <i>see</i>	–	8	1791
Sodium Metaarsenite, <i>see</i>	–	6.1	2027
Sodium Metasilicate, <i>see</i>	–	8	3253
Sodium metasilicate pentahydrate, <i>see</i>	–	8	3253
Sodium Methoxide, <i>see</i>	–	4.2	1431
Sodium Methoxide Solutions in Alcohols, <i>see</i>	–	3	1289
SODIUM METHYLATE	–	4.2	1431
SODIUM METHYLATE SOLUTION in alcohol	–	3	1289
Sodium Monochloroacetate, <i>see</i>	–	6.1	2659
SODIUM MONOXIDE	–	8	1825
SODIUM NITRATE	–	5.1	1498
SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	–	5.1	1499
SODIUM NITRITE	–	5.1	1500
Sodium Nitrite and Potassium Nitrate Mixture, <i>see</i>	–	5.1	1487
Sodium Orthoarsenate, <i>see</i>	–	6.1	1685
Sodium Oxide, <i>see</i>	–	8	1825
SODIUM PENTACHLOROPHENATE	PP	6.1	2567
Sodium Perborate, Anhydrous, <i>see</i>	–	5.1	3247
SODIUM PERBORATE MONOHYDRATE	–	5.1	3377
Sodium Percarbonate, <i>see</i>	–	5.1	3378
SODIUM PERCHLORATE	–	5.1	1502
SODIUM PERMANGANATE	–	5.1	1503
SODIUM PEROXIDE	–	5.1	1504
SODIUM PEROXOBORATE, ANHYDROUS	–	5.1	3247
SODIUM PERSULPHATE	–	5.1	1505
SODIUM PHOSPHIDE	–	4.3	1432
SODIUM PICRAMATE dry or wetted with less than 20% water, by mass	–	1.3C	0235
SODIUM PICRAMATE, WETTED with not less than 20% water, by mass	–	4.1	1349
Sodium Potassium Alloys, <i>see</i>	–	4.3	1422
Sodium Silicofluoride, <i>see</i>	–	6.1	2674
SODIUM SULPHIDE, ANHYDROUS	–	4.2	1385

Substance, material or article	MP	Class	UN No.
SODIUM SULPHIDE, HYDRATED with not less than 30% water	–	8	1849
SODIUM SULPHIDE with less than 30% water of crystallization	–	4.2	1385
Sodium Sulphhydrate, <i>see</i>	–	4.2	2318
SODIUM SUPEROXIDE	–	5.1	2547
SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.	●	8	3244
SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	●	4.1	3175
SOLIDS CONTAINING TOXIC LIQUID, N.O.S.	●	6.1	3243
Solvents, Flammable, N.O.S., <i>see</i>	●	3	1993
Solvents, Toxic, Flammable, N.O.S., <i>see</i>	●	3	1992
SOUNDING DEVICES, EXPLOSIVE	–	1.1D	0374
SOUNDING DEVICES, EXPLOSIVE	–	1.1F	0296
SOUNDING DEVICES, EXPLOSIVE	–	1.2D	0375
SOUNDING DEVICES, EXPLOSIVE	–	1.2F	0204
Squibs, <i>see</i> IGNITERS, UN 0325 and UN 0454	–	–	–
Stain, <i>see</i> PAINT	–	–	–
STANNIC CHLORIDE, ANHYDROUS	–	8	1827
STANNIC CHLORIDE PENTAHYDRATE	–	8	2440
STANNIC PHOSPHIDE	–	4.3	1433
Steel Swarf, <i>see</i>	–	4.2	2793
STIBINE	–	2.3	2676
STRAW	–	4.1	1327
Strontium Alloy, non-pyrophoric, <i>see</i>	●	4.3	1393
Strontium Alloy, Pyrophoric, <i>see</i>	●	4.2	1383
Strontium Amalgam, <i>see</i>	–	4.3	1392
STRONTIUM ARSENITE	–	6.1	1691
STRONTIUM CHLORATE	–	5.1	1506
Strontium Dioxide, <i>see</i>	–	5.1	1509
Strontium Dispersion, <i>see</i>	–	4.3	1391
STRONTIUM NITRATE	–	5.1	1507
Strontium Orthoarsenite, <i>see</i>	–	6.1	1691
STRONTIUM PERCHLORATE	–	5.1	1508
STRONTIUM PEROXIDE	–	5.1	1509
STRONTIUM PHOSPHIDE	–	4.3	2013
Strontium, Powder, <i>see</i>	–	4.2	1383
Strontium Powder, Pyrophoric, <i>see</i>	–	4.2	1383
STRYCHNINE	P	6.1	1692
Strychnine pesticides, <i>see</i> PESTICIDE, N.O.S.	P	–	–
STRYCHNINE SALTS	P	6.1	1692
STYPHNIC ACID dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	–	1.1D	0219
STYPHNIC ACID, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	–	1.1D	0394
STYRENE MONOMER, STABILIZED	–	3	2055
SUBSTANCES, EVI, N.O.S.	–	1.5D	0482
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.1A	0473
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.1C	0474
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.1D	0475
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.1G	0476
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.1L	0357
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.2L	0358

Substance, material or article	MP	Class	UN No.
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.3C	0477
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.3G	0478
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.3L	0359
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.4C	0479
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.4D	0480
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.4G	0485
SUBSTANCES, EXPLOSIVE, N.O.S.	–	1.4S	0481
SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE, N.O.S.	–	1.5D	0482
SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	●	3	2780
SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	●	6.1	3014
SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	●	6.1	3013
SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	●	6.1	2779
Sulfotep, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
SULPHAMIC ACID	–	8	2967
Sulphonyl Chloride, <i>see</i>	–	8	1834
SULPHUR	–	4.1	1350
SULPHUR CHLORIDES	–	8	1828
Sulphur Dichloride, <i>see</i>	–	8	1828
SULPHUR DIOXIDE	–	2.3	1079
Sulphuretted Hydrogen, <i>see</i>	–	2.3	1053
SULPHUR HEXAFLUORIDE	–	2.2	1080
Sulphuric Acid and Hydrofluoric Acid Mixture, <i>see</i>	–	8	1786
SULPHURIC ACID, FUMING	–	8	1831
SULPHURIC ACID, SPENT	–	8	1832
SULPHURIC ACID with more than 51% acid	–	8	1830
SULPHURIC ACID with not more than 51% acid	–	8	2796
Sulphuric Anhydride, Stabilized, <i>see</i>	–	8	1829
Sulphuric Chloride, <i>see</i>	–	8	1834
Sulphuric Oxychloride, <i>see</i>	–	8	1834
Sulphuric Oxyfluoride, <i>see</i>	–	2.3	2191
SULPHUR, MOLTEN	–	4.1	2448
Sulphur Monochloride, <i>see</i>	–	8	1828
SULPHUROUS ACID	–	8	1833
Sulphurous Oxychloride, <i>see</i>	–	8	1836
Sulphur Oxychloride, <i>see</i>	–	8	1836
SULPHUR TETRAFLUORIDE	–	2.3	2418
SULPHUR TRIOXIDE, STABILIZED	–	8	1829
SULPHURYL CHLORIDE	–	8	1834
SULPHURYL FLUORIDE	–	2.3	2191
Sulprophos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Synthetic Fabrics, Oily, <i>see</i>	●	4.2	1373
Synthetic Fibres, Oily, <i>see</i>	●	4.2	1373
Systox, <i>see</i> ORGANOPHOSPHORUS PESTICIDE (Demeton-O)	–	–	–
2,4,5-T, <i>see</i> PHENOXY PESTICIDE	–	–	–
Tallow Nitrile, <i>see</i>	P	9	3082
TARS, LIQUID including road asphalt and oils, bitumen and cut backs	●	3	1999

Substance, material or article	MP	Class	UN No.
Tartar Emetic, <i>see</i>	–	6.1	1551
TEAR GAS CANDLES	–	6.1	1700
TEAR GAS SUBSTANCE, LIQUID, N.O.S.	●	6.1	1693
TEAR GAS SUBSTANCE, SOLID, N.O.S.	●	6.1	3448
TELLURIUM COMPOUND, N.O.S.	●	6.1	3284
TELLURIUM HEXAFLUORIDE	–	2.3	2195
Temephos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Tepp, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Terbufos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	PP	–	–
Terbumeton, <i>see</i> TRIAZINE PESTICIDE	–	–	–
TERPENE HYDROCARBONS, N.O.S.	●	3	2319
Terpenes, N.O.S., <i>see</i>	●	3	2319
TERPINOLENE	–	3	2541
TETRABROMOETHANE	P	6.1	2504
1,1,2,2-Tetrabromoethane, <i>see</i>	P	6.1	2504
Tetrabromomethane, <i>see</i>	P	6.1	2516
1,1,2,2-TETRACHLOROETHANE	P	6.1	1702
TETRACHLOROETHYLENE	P	6.1	1897
Tetrachloromethane, <i>see</i>	P	6.1	1846
Tetrachlorophenol, <i>see</i>	–	6.1	2020
Tetrachlorvinphos, <i>see</i> Note 1	PP	–	–
Tetraethoxysilane, <i>see</i>	–	3	1292
TETRAETHYL DITHIOPYROPHOSPHATE	P	6.1	1704
TETRAETHYLENEPENTAMINE	–	8	2320
Tetraethyl lead, <i>see</i>	PP	6.1	1649
Tetraethyl orthosilicate, <i>see</i>	–	3	1292
TETRAETHYL SILICATE	–	3	1292
Tetrafluorodichloroethane, <i>see</i>	–	2.2	1958
1,1,2,2-Tetrafluoro-1,2-dichloroethane, <i>see</i>	–	2.2	1958
1,1,1,2-TETRAFLUOROETHANE	–	2.2	3159
TETRAFLUOROETHYLENE, STABILIZED	–	2.1	1081
TETRAFLUOROMETHANE	–	2.2	1982
Tetrafluorosilane, Compressed, <i>see</i>	–	2.3	1859
1,2,3,6-TETRAHYDROBENZALDEHYDE	–	3	2498
Tetrahydrobenzene, <i>see</i>	–	3	2256
TETRAHYDROFURAN	–	3	2056
TETRAHYDROFURFURYLAMINE	–	3	2943
Tetrahydromethylfuran, <i>see</i>	–	3	2536
Tetrahydro-1,4-oxazine, <i>see</i>	–	8	2054
TETRAHYDROPHthalic ANHYDRIDES with more than 0.05% maleic anhydride	–	8	2698
1,2,3,6-TETRAHYDROPYRIDINE	–	3	2410
TETRAHYDROTHIOPHENE	–	3	2412
Tetramethoxysilane, <i>see</i>	–	6.1	2606
Tetramethrin, <i>see</i> Note 1	P	–	–
TETRAMETHYLAMMONIUM HYDROXIDE, SOLID	–	8	3423
TETRAMETHYLAMMONIUM HYDROXIDE SOLUTION	–	8	1835
1,1,3,3-Tetramethylbutyl hydroperoxide (concentration ≤ 100%), <i>see</i>	–	5.2	3105

Substance, material or article	MP	Class	UN No.
1,1,3,3-Tetramethylbutyl peroxy-2-ethylhexanoate (concentration ≤ 100%), <i>see</i>	–	5.2	3115
1,1,3,3-Tetramethylbutyl peroxyneodecanoate (concentration ≤ 52% as a stable dispersion in water), <i>see</i>	–	5.2	3119
1,1,3,3-Tetramethylbutyl peroxyneodecanoate (concentration ≤ 72%, with diluent Type B), <i>see</i>	–	5.2	3115
Tetramethylene, <i>see</i>	–	2.1	2601
Tetramethylene Cyanide, <i>see</i>	–	6.1	2205
<i>N,N,N',N'</i> -Tetramethylethylenediamine, <i>see</i>	–	3	2372
Tetramethyllead, <i>see</i>	P	6.1	1649
TETRAMETHYLSILANE	–	3	2749
Tetramine Palladium (II) Nitrate (concentration 100%), <i>see</i>	–	4.1	3234
TETRANITROANILINE	–	1.1D	0207
TETRANITROMETHANE	–	5.1	1510
Tetrapropylene, <i>see</i>	–	3	2850
TETRAPROPYL ORTHOTITANATE	–	3	2413
TETRAZENE, WETTED with not less than 30% water, or mixture of alcohol and water, by mass	–	1.1A	0114
TETRAZOL-1-ACETIC ACID	–	1.4C	0407
1 <i>H</i> -TETRAZOLE	–	1.1D	0504
TETRYL	–	1.1D	0208
TEXTILE WASTE, WET	–	4.2	1857
THALLIUM CHLORATE	P	5.1	2573
Thallium (I) Chlorate, <i>see</i>	–	5.1	2573
THALLIUM COMPOUND, N.O.S.	P	6.1	1707
THALLIUM NITRATE	P	6.1	2727
Thallium (I) Nitrate, <i>see</i>	–	6.1	2727
Thallium Sulphate, <i>see</i>	P	6.1	1707
Thalious Chlorate, <i>see</i>	P	5.1	2573
Thia-4-pentanal, <i>see</i>	–	6.1	2785
4-THIAPENTANAL	–	6.1	2785
THIOACETIC ACID	–	3	2436
THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	●	3	2772
THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	●	6.1	3006
THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE flashpoint not less than 23°C	●	6.1	3005
THIOCARBAMATE PESTICIDE, SOLID, TOXIC	●	6.1	2771
Thiocarbonyl Chloride, <i>see</i>	–	6.1	2474
Thiocarbonyl Tetrachloride, <i>see</i>	P	6.1	1670
THIOGLYCOL	–	6.1	2966
THIOGLYCOLIC ACID	–	8	1940
Thiolacetic Acid, <i>see</i>	–	3	2436
THIOLACTIC ACID	–	6.1	2936
Thiometon, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Thionazin, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
THIONYL CHLORIDE	–	8	1836
THIOPHENE	–	3	2414
Thiophenol, <i>see</i>	–	6.1	2337
THIOPHOSGENE	–	6.1	2474
THIOPHOSPHORYL CHLORIDE	–	8	1837

Substance, material or article	MP	Class	UN No.
Thiopropyl Alcohols, <i>see</i>	–	3	2402
THIOUREA DIOXIDE	–	4.2	3341
Tin (IV) Chloride, Anhydrous, <i>see</i>	–	8	1827
Tin Chloride, Fuming, <i>see</i>	–	8	1827
Tin (IV) Chloride Pentahydrate, <i>see</i>	–	8	2440
TINCTURES, MEDICINAL	●	3	1293
Tin Monophosphide, <i>see</i>	–	4.3	1433
Tin Tetrachloride, <i>see</i>	–	8	1827
Titanic Chloride, <i>see</i>	–	8	1838
TITANIUM DISULPHIDE	–	4.2	3174
TITANIUM HYDRIDE	–	4.1	1871
TITANIUM POWDER, DRY	–	4.2	2546
TITANIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, having a particle size less than 53 microns; (b) chemically produced, having a particle size less than 840 microns	–	4.1	1352
TITANIUM, SPONGE GRANULES	–	4.1	2878
TITANIUM, SPONGE POWDERS	–	4.1	2878
TITANIUM TETRACHLORIDE	–	8	1838
TITANIUM TRICHLORIDE MIXTURE	–	8	2869
TITANIUM TRICHLORIDE MIXTURE, PYROPHORIC	–	4.2	2441
TITANIUM TRICHLORIDE, PYROPHORIC	–	4.2	2441
Titanous Chloride, Pyrophoric, <i>see</i>	–	4.2	2441
TNT AND HEXANITROSTILBENE MIXTURE	–	1.1D	0388
TNT AND TRINITROBENZENE MIXTURE	–	1.1D	0388
TNT dry or wetted with less than 30% water, by mass	–	1.1D	0209
TNT mixed with Aluminium, <i>see</i>	–	1.1D	0390
TNT MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	–	1.1D	0389
TNT, WETTED with not less than 10% water, by mass	–	4.1	3366
TNT wetted with not less than 30% water, by mass, <i>see</i>	–	4.1	1356
Toe Puffs, Nitrocellulose Base, <i>see</i>	–	4.1	1353
TOLUENE	–	3	1294
TOLUENE DIISOCYANATE	–	6.1	2078
Toluene Trichloride, <i>see</i>	–	8	2226
TOLUIDINES, LIQUID	–	6.1	1708
TOLUIDINES, SOLID	–	6.1	3451
Toluol, <i>see</i>	–	3	1294
2,4-TOLUYLENEDIAMINE, SOLID	–	6.1	1709
2,4-TOLUYLENEDIAMINE SOLUTION	–	6.1	3418
Toluylene Diisocyanate, <i>see</i>	–	6.1	2078
Tolylene Diisocyanate, <i>see</i>	–	6.1	2078
Tolyethylene, Stabilized, <i>see</i>	–	3	2618
TORPEDOES, LIQUID-FUELLED with inert head	–	1.3J	0450
TORPEDOES, LIQUID-FUELLED with or without bursting charge	–	1.1J	0449
TORPEDOES with bursting charge	–	1.1D	0451
TORPEDOES with bursting charge	–	1.1E	0329
TORPEDOES with bursting charge	–	1.1F	0330

Substance, material or article	MP	Class	UN No.
TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	•	6.1	3390
TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	•	6.1	3389
TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	•	6.1	3384
TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	•	6.1	3383
TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	•	6.1	3382
TOXIC BY INHALATION LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	•	6.1	3381
TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	•	6.1	3388
TOXIC BY INHALATION LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	•	6.1	3387
TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m ³ and saturated vapour concentration greater than or equal to 10 LC ₅₀	•	6.1	3386
TOXIC BY INHALATION LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m ³ and saturated vapour concentration greater than or equal to 500 LC ₅₀	•	6.1	3385
TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.	•	6.1	3289
TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	•	6.1	2927
TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	•	6.1	2929
TOXIC LIQUID, INORGANIC, N.O.S.	•	6.1	3287
TOXIC LIQUID, ORGANIC, N.O.S.	•	6.1	2810
TOXIC LIQUID, OXIDIZING, N.O.S.	•	6.1	3122
TOXIC LIQUID, WATER-REACTIVE, N.O.S.	•	6.1	3123
TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	•	6.1	3290
TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	•	6.1	2928
TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	•	6.1	2930
TOXIC SOLID, INORGANIC, N.O.S.	•	6.1	3288
TOXIC SOLID, ORGANIC, N.O.S.	•	6.1	2811
TOXIC SOLID, OXIDIZING, N.O.S.	•	6.1	3086
TOXIC SOLID, SELF-HEATING, N.O.S.	•	6.1	3124
TOXIC SOLID, WATER-REACTIVE, N.O.S.	•	6.1	3125
TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	•	6.1	3172
TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	•	6.1	3462
TRACERS FOR AMMUNITION	–	1.3G	0212
TRACERS FOR AMMUNITION	–	1.4G	0306

Substance, material or article	MP	Class	UN No.
Tremolite, <i>see</i>	–	9	2590
Triadimefon, <i>see</i> PHENOXY PESTICIDE	–	–	–
TRIALLYLAMINE	–	3	2610
TRIALLYL BORATE	–	6.1	2609
Triamiphos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
Triaryl Phosphates, Isopropylated, <i>see</i>	P	9	3082
Triaryl Phosphates, N.O.S., <i>see</i>	PP	9	3082
TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC flashpoint less than 23°C	●	3	2764
TRIAZINE PESTICIDE, LIQUID, TOXIC	●	6.1	2998
TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flashpoint not less than 23°C	●	6.1	2997
TRIAZINE PESTICIDE, SOLID, TOXIC	●	6.1	2763
Triazophos, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Tribromoborane, <i>see</i>	–	8	2692
Tribromomethane, <i>see</i>	P	6.1	2515
TRIBUTYLAMINE	–	6.1	2542
TRIBUTYLPHOSPHANE	–	4.2	3254
Tributyltin Compounds, <i>see</i> ORGANOTIN PESTICIDE	PP	–	–
Tricamba, <i>see</i> BENZOIC DERIVATIVE PESTICIDE	–	–	–
Trichlorfon, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Trichloroacetaldehyde, Anhydrous, Stabilized, <i>see</i>	–	6.1	2075
TRICHLOROACETIC ACID, SOLID	–	8	1839
TRICHLOROACETIC ACID SOLUTION	–	8	2564
Trichloroacetic Aldehyde, Anhydrous, Stabilized, <i>see</i>	–	6.1	2075
TRICHLOROACETYL CHLORIDE	–	8	2442
1,2,3-Trichlorobenzenes, <i>see</i> Note 1	PP	–	–
TRICHLOROBENZENES, LIQUID	P	6.1	2321
TRICHLOROBUTENE	P	6.1	2322
Trichlorobutylene, <i>see</i>	P	6.1	2322
1,1,1-TRICHLOROETHANE	–	6.1	2831
1,1,2-Trichloroethane, <i>see</i>	–	9	3082
TRICHLOROETHYLENE	–	6.1	1710
TRICHLOROISOCYANURIC ACID, DRY	–	5.1	2468
Trichloromethane, <i>see</i>	–	6.1	1888
Trichloromethanesulphuryl Chloride, <i>see</i>	P	6.1	1670
Trichloromethyl Sulphochloride, <i>see</i>	P	6.1	1670
Trichloronat, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	P	–	–
Trichloronitromethane, <i>see</i>	–	6.1	1580
TRICHLOROSILANE	–	4.3	1295
2,4,6-Trichloro-1,3,5-triazine, <i>see</i>	–	8	2670
1,3,5-Trichloro-s-triazine-2,4,6-trione, <i>see</i>	–	5.1	2468
Tricresyl Phosphate, less than 1% <i>ortho</i> -isomer, <i>see</i>	P	9	3082
Tricresyl Phosphate, not less than 1% but not more than 3% <i>ortho</i> -isomer, <i>see</i>	PP	9	3082
TRICRESYL PHOSPHATE with more than 3% <i>ortho</i> -isomer	PP	6.1	2574
Tricyanogen Chloride, <i>see</i>	–	8	2670
Triethoxyboron, <i>see</i>	–	3	1176
Triethoxymethane, <i>see</i>	–	3	2524
TRIETHYLAMINE	–	3	1296

Substance, material or article	MP	Class	UN No.
Triethylbenzene, see	P	9	3082
Triethyl Borate, see	-	3	1176
Triethylenephosphoramidate Solution, see	-	6.1	2501
TRIETHYLENETETRAMINE	-	8	2259
Triethyl Orthoformate, see	-	3	2524
TRIETHYL PHOSPHITE	-	3	2323
3,6,9-Triethyl-3,6,9-trimethyl-1,4,7-triperoxonane (concentration $\leq 42\%$, with diluent Type A, available oxygen $\leq 7.6\%$), see	-	5.2	3105
TRIFLUOROACETIC ACID	-	8	2699
TRIFLUOROACETYL CHLORIDE	-	2.3	3057
Trifluorobromomethane, see	-	2.2	1009
Trifluorochloroethane, see	-	2.2	1983
TRIFLUOROCHLOROETHYLENE, STABILIZED	-	2.3	1082
Trifluorochloromethane, see	-	2.2	1022
1,1,1-TRIFLUOROETHANE	-	2.1	2035
TRIFLUOROMETHANE	-	2.2	1984
Trifluoromethane and Chlorotrifluoromethane Azeotropic Mixture, see CHLOROTRIFLUOROMETHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE	-	-	-
TRIFLUOROMETHANE, REFRIGERATED LIQUID	-	2.2	3136
Trifluoromethoxy-trifluoroethylene, see	-	2.1	3153
2-TRIFLUOROMETHYLANILINE	-	6.1	2942
3-TRIFLUOROMETHYLANILINE	-	6.1	2948
Trifluoromethylbenzene, see	-	3	2338
Trifluoromethylphenyl Isocyanates, see	-	6.1	2285
Trifluoromethyl Trifluorovinyl Ether, see	-	2.1	3153
Trifluoromonochloroethylene, Stabilized, see	-	2.3	1082
TRIISOBUTYLENE	-	3	2324
Triisopropylated Phenyl Phosphates, see	P	9	3077
TRIISOPROPYL BORATE	-	3	2616
TRIMETHYLACETYL CHLORIDE	-	6.1	2438
TRIMETHYLAMINE, ANHYDROUS	-	2.1	1083
TRIMETHYLAMINE, AQUEOUS SOLUTION not more than 50% trimethylamine, by mass	-	3	1297
1,3,5-TRIMETHYLBENZENE	-	3	2325
TRIMETHYL BORATE	-	3	2416
Trimethyl Carbinol, see	-	3	1120
TRIMETHYLCHLOROSILANE	-	3	1298
TRIMETHYLCYCLOHEXYLAMINE	-	8	2326
Trimethylene Chlorobromide, see	-	6.1	2688
Trimethylene Chlorohydrin, see	-	6.1	2849
Trimethylene Dichloride, see	-	3	1993
Trimethylgallium, see	•	4.2	3394
TRIMETHYLHEXAMETHYLENEDIAMINES	-	8	2327
TRIMETHYLHEXAMETHYLENE DIISOCYANATE	-	6.1	2328
2,2,4-Trimethylpentane, see	-	3	1262
2,4,4-Trimethylpentene-1, see	-	3	2050
2,4,4-Trimethylpentene-2, see	-	3	2050
TRIMETHYL PHOSPHITE	-	3	2329
2,4,6-Trimethyl-1,3,5-trioxane, see	-	3	1264

Substance, material or article	MP	Class	UN No.
TRINITROANILINE	–	1.1D	0153
TRINITROANISOLE	–	1.1D	0213
TRINITROBENZENE dry or wetted with less than 30% water, by mass	–	1.1D	0214
TRINITROBENZENESULPHONIC ACID	–	1.1D	0386
TRINITROBENZENE, WETTED with not less than 10% by mass	–	4.1	3367
TRINITROBENZENE, WETTED with not less than 30% water, by mass	–	4.1	1354
TRINITROBENZOIC ACID dry or wetted with less than 30% water, by mass	–	1.1D	0215
TRINITROBENZOIC ACID, WETTED with not less than 10% water, by mass	–	4.1	3368
TRINITROBENZOIC ACID, WETTED with not less than 30% water, by mass	–	4.1	1355
TRINITROCHLOROBENZENE	–	1.1D	0155
TRINITROCHLOROBENZENE, WETTED with not less than 10% water, by mass	–	4.1	3365
TRINITRO- <i>meta</i> -CRESOL	–	1.1D	0216
TRINITROFLUORENONE	–	1.1D	0387
TRINITRONAPHTHALENE	–	1.1D	0217
TRINITROPHENETOLE	–	1.1D	0218
TRINITROPHENOL dry or wetted with less than 30% water, by mass	–	1.1D	0154
TRINITROPHENOL, WETTED with not less than 10% water, by mass	–	4.1	3364
TRINITROPHENOL, WETTED with not less than 30% water, by mass	–	4.1	1344
TRINITROPHENYLMETHYLNITRAMINE	–	1.1D	0208
TRINITRORESORCINOL dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	–	1.1D	0219
TRINITRORESORCINOL, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	–	1.1D	0394
TRINITROTOLUENE AND HEXANITROSTILBENE MIXTURE	–	1.1D	0388
TRINITROTOLUENE AND TRINITROBENZENE MIXTURE	–	1.1D	0388
TRINITROTOLUENE dry or wetted with less than 30% water, by mass	–	1.1D	0209
TRINITROTOLUENE MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	–	1.1D	0389
TRINITROTOLUENE, WETTED with not less than 10% water, by mass	–	4.1	3366
TRINITROTOLUENE, WETTED with not less than 30% water, by mass	–	4.1	1356
Trinitrotoluol, Wetted, <i>see</i>	–	4.1	1356
Triphenyl Phosphate, <i>see</i>	PP	9	3077
Triphenyl Phosphate/ <i>tert</i> -Butylated Triphenyl Phosphates mixtures containing 10% to 48% of Triphenyl Phosphate, <i>see</i> Note 1	PP	–	–
Triphenyl Phosphate/ <i>tert</i> -Butylated Triphenyl Phosphates mixtures containing 5% to 10% of Triphenyl Phosphate, <i>see</i> Note 1	P	–	–
Triphenyltin Compounds (other than Fentin Acetate and Fentin Hydroxide), <i>see</i> ORGANOTIN PESTICIDE	PP	–	–
TRIPROPYLAMINE	–	3	2260
TRIPROPYLENE	–	3	2057

Substance, material or article	MP	Class	UN No.
TRIS-(1-AZIRIDINYL)PHOSPHINE OXIDE SOLUTION	–	6.1	2501
Tritolyl Phosphate, <i>see</i>	PP	6.1	2574
TRITONAL	–	1.1D	0390
Trixylenyl Phosphate, <i>see</i>	P	9	3082
Tropilidene, <i>see</i>	–	3	2603
TUNGSTEN HEXAFLUORIDE	–	2.3	2196
TURPENTINE	–	3	1299
TURPENTINE SUBSTITUTE	●	3	1300
UNDECANE	–	3	2330
Uranium hexafluoride, fissile, <i>see</i>	–	7	2977
Uranium hexafluoride, non fissile or fissile – excepted, <i>see</i>	–	7	2978
UREA HYDROGEN PEROXIDE	–	5.1	1511
UREA NITRATE dry or wetted, with less than 20% water, by mass	–	1.1D	0220
UREA NITRATE, WETTED with not less than 10% water, by mass	–	4.1	3370
UREA NITRATE, WETTED with not less than 20% water, by mass	–	4.1	1357
Urotropine, <i>see</i>	–	4.1	1328
Valeral, <i>see</i>	–	3	2058
VALERALDEHYDE	–	3	2058
Valeric Aldehyde(s), <i>see</i>	–	3	2058
VALERYL CHLORIDE	–	8	2502
Vamidothion, <i>see</i> ORGANOPHOSPHORUS PESTICIDE	–	–	–
VANADIUM COMPOUND, N.O.S.	●	6.1	3285
Vanadium (IV) Oxide Sulphate	–	6.1	2931
Vanadium Oxysulphate, <i>see</i>	–	6.1	2931
VANADIUM OXYTRICHLORIDE	–	8	2443
VANADIUM PENTOXIDE, non-fused form	–	6.1	2862
VANADIUM TETRACHLORIDE	–	8	2444
VANADIUM TRICHLORIDE	–	8	2475
VANADYL SULPHATE	–	6.1	2931
Varnish, <i>see</i> PAINT	–	–	–
Vegetable Fabrics, Oily, <i>see</i>	●	4.2	1373
Vegetable Fibres, burnt, wet or damp, <i>see</i>	–	4.2	1372
Vegetable Fibres, Dry, <i>see</i>	–	4.1	3360
Vegetable Fibres, Oily, <i>see</i>	●	4.2	1373
VINYL ACETATE, STABILIZED	–	3	1301
Vinylbenzene, Stabilized, <i>see</i>	–	3	2055
VINYL BROMIDE, STABILIZED	–	2.1	1085
Vinyl <i>normal</i> -Butyl Ether, Stabilized, <i>see</i>	–	3	2352
VINYL BUTYRATE, STABILIZED	–	3	2838
VINYL CHLORIDE, STABILIZED	–	2.1	1086
VINYL CHLOROACETATE	–	6.1	2589
Vinyl Cyanide, Stabilized, <i>see</i>	–	3	1093
Vinyl Ether, Stabilized, <i>see</i>	–	3	1167
VINYL ETHYL ETHER, STABILIZED	–	3	1302
VINYL FLUORIDE, STABILIZED	–	2.1	1860

Substance, material or article	MP	Class	UN No.
VINYLDENE CHLORIDE, STABILIZED	P	3	1303
Vinylidene Fluoride, <i>see</i>	–	2.1	1959
VINYL ISOBUTYL ETHER, STABILIZED	–	3	1304
VINYL METHYL ETHER, STABILIZED	–	2.1	1087
VINYLPYRIDINES, STABILIZED	–	6.1	3073
VINYLTOLUENES, STABILIZED	–	3	2618
VINYLTRICHLOROSILANE	–	3	1305
Warfarin (and salts of), <i>see</i> COUMARIN DERIVATIVE PESTICIDE	P	–	–
Warheads for guided missiles, <i>see</i> WARHEADS, ROCKET	–	–	–
WARHEADS, ROCKET with burster or expelling charge	–	1.4D	0370
WARHEADS, ROCKET with burster or expelling charge	–	1.4F	0371
WARHEADS, ROCKET with bursting charge	–	1.1D	0286
WARHEADS, ROCKET with bursting charge	–	1.1F	0369
WARHEADS, ROCKET with bursting charge	–	1.2D	0287
WARHEADS, TORPEDO with bursting charge	–	1.1D	0221
Water-activated Contrivances, <i>see</i> CONTRIVANCES, WATER-ACTIVATED	–	–	–
Water Gels, <i>see</i> EXPLOSIVE, BLASTING, TYPE E	–	–	–
WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	●	4.3	3129
WATER-REACTIVE LIQUID, N.O.S.	●	4.3	3148
WATER-REACTIVE LIQUID, TOXIC, N.O.S.	●	4.3	3130
WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	●	4.3	3131
WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	●	4.3	3132
WATER-REACTIVE SOLID, N.O.S.	●	4.3	2813
WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	●	4.3	3133
WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	●	4.3	3135
WATER-REACTIVE SOLID, TOXIC, N.O.S.	●	4.3	3134
White Arsenic, <i>see</i>	–	6.1	1561
White Asbestos, <i>see</i>	–	9	2590
WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)	–	9	2590
White Phosphorus, Dry, <i>see</i>	PP	4.2	1381
White Phosphorus, Wet, <i>see</i>	PP	4.2	1381
White Spirit, <i>see</i>	P	3	1300
White Spirit, low (15–20%) aromatic, <i>see</i>	P	3	1300
WOOD PRESERVATIVES, LIQUID	●	3	1306
Wood Tar, <i>see</i>	P	9	3082
WOOL WASTE, WET	–	4.2	1387
XANTHATES	–	4.2	3342
XENON	–	2.2	2036
XENON, REFRIGERATED LIQUID	–	2.2	2591
XYLENES	–	3	1307
XYLENOLS, LIQUID	–	6.1	3430
XYLENOLS, SOLID	–	6.1	2261
XYLIDINES, LIQUID	–	6.1	1711
XYLIDINES, SOLID	–	6.1	3452
Xylols, <i>see</i>	–	3	1307

Substance, material or article	MP	Class	UN No.
XYLYL BROMIDE, LIQUID	–	6.1	1701
XYLYL BROMIDE, SOLID	–	6.1	3417
Yellow Phosphorus, Dry, <i>see</i>	PP	4.2	1381
Yellow Phosphorus, Wet, <i>see</i>	PP	4.2	1381
ZINC AMMONIUM NITRITE (transport prohibited)	–	5.1	1512
ZINC ARSENATE	–	6.1	1712
ZINC ARSENATE AND ZINC ARSENITE MIXTURE	–	6.1	1712
ZINC ARSENITE	–	6.1	1712
ZINC ASHES	–	4.3	1435
Zinc Bisulphite Solution, <i>see</i>	–	8	2693
ZINC BROMATE	–	5.1	2469
Zinc Bromide, <i>see</i>	P	9	3077
ZINC CHLORATE	–	5.1	1513
ZINC CHLORIDE, ANHYDROUS	–	8	2331
ZINC CHLORIDE SOLUTION	–	8	1840
ZINC CYANIDE	P	6.1	1713
ZINC DITHIONITE	–	9	1931
ZINC DUST	–	4.3	1436
Zinc Dust, Pyrophoric, <i>see</i>	–	4.2	1383
ZINC FLUOROSILICATE	–	6.1	2855
Zinc Hexafluorosilicate, <i>see</i>	–	6.1	2855
ZINC HYDROSULPHITE	–	9	1931
ZINC NITRATE	–	5.1	1514
ZINC PERMANGANATE	–	5.1	1515
ZINC PEROXIDE	–	5.1	1516
ZINC PHOSPHIDE	–	4.3	1714
ZINC POWDER	–	4.3	1436
Zinc Powder, Pyrophoric, <i>see</i>	–	4.2	1383
ZINC RESINATE	–	4.1	2714
Zinc Silicofluoride, <i>see</i>	–	6.1	2855
ZIRCONIUM, DRY coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)	–	4.1	2858
ZIRCONIUM, DRY finished sheets, strip or coiled wire	–	4.2	2009
ZIRCONIUM HYDRIDE	–	4.1	1437
ZIRCONIUM NITRATE	–	5.1	2728
ZIRCONIUM PICRAMATE dry or wetted with less than 20% water, by mass	–	1.3C	0236
ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass	–	4.1	1517
ZIRCONIUM POWDER, DRY	–	4.2	2008
ZIRCONIUM POWDER, WETTED with not less than 25% water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns	–	4.1	1358
ZIRCONIUM, SCRAP	–	4.2	1932
ZIRCONIUM, SUSPENDED IN A FLAMMABLE LIQUID	–	3	1308

Notes
