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INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Dangerous Goods

Seventy-fifth session,

Geneva, 19-23 January 2004

agenda item 5 (a)

Amendments to the assimilation list
adopted by the RID Commission of Experts on the Transport of Dangerous Goods

Note by the Secretariat

1. The columns of the table have been renumbered in order to keep the same numbering as the one used in Table A of Chapter 3.2. Thus, Column (2) has been split into two columns:
 - Column (2a): proper shipping names or technical names, (with the proper shipping names printed in bold).
 - Column (2b): Descriptions.

These amendments are to be reflected also in the description of each column given in 4.1.1.19.6.

2. All parts of a proper shipping name which were previously printed in bold in column (3) were shifted to column (2a) and all descriptions were shifted to column (2b).
3. Other amendments to the table:

UN No.	Column	Amendment
1265	(2a) (2b)	Replace "n-Pentane" with "Pentanes" Insert "n-Pentane"
1277	(2a) (2b)	Replace "n-Propylamine" with "Propylamine" Insert "n-Propylamine"
1282 (1st entry)	(2b)	Delete "pure"
1282 (2nd entry)	All	Delete
2050	(2b) and 2(a)	Move the words "isomeric compounds" from column (2b) into column (2a)
2235	(2a) (2b)	Delete "para- " Insert "para-Chlorobenzyl chloride"
2287 and 2288	(2a)	Replace "Isoheptene" and "Isohexene" with "Isoheptenes" and "Isohexenes" respectively
2357	(2b)	Replace "flashpoint not less than 23°C" with "flashpoint between 23°C and 61°C"
2586	(2b)	Delete "*". (Apply to the entries "Benzene sulphonic acid" and "para-Toluene sulphonic acid"

UN No.	Column	Amendment
2820	(2a) (2b)	Delete "n-" Insert "n-Butyric acid"
2030 (second entry)	(2a)	Replace " Hydrazine hydrate " with "Hydrazine hydrate"
2058	(2a)	Replace "Valeraldehydes" with " Valeraldehyde"
2270	(2b)	Replace "between 23 °C and 61 °C" with "below 23 °C"
2297	(2a)	Replace " Methylcyclohexanones " with " Methylcyclohexanone "
2920	(5)	For the entry "O,O-Diethyl-dithiophosphoric acid" replace "Wetting solution" with "n-Butylacetate/n-Butylacetate-saturated wetting solution".
2922 (second and third entry)	(2b)	Delete "aqueous solution"
2924	(2b)	Delete "flashpoint between 23°C and 61°C"
3266	(2b)	Insert "slightly" before "corrosive".

4. The following new entry has been added:

UN No.	Name and description or technical name 3.1.2	Class	Classification Code	Packing group	Standard liquid	
(1)	(2a)	(2b)	(3a)	(3b)	(4)	(5)
3293	Hydrazine, aqueous solution	with not more than 37% hydrazine, by mass	6.1	T4	III	Water

5. The reference to "nitric acid (55%)" was replaced by "nitric acid", in accordance to 6.1.6.1. (Apply to UN Nos. 1755, 1791, 1906, 2014, 2031, 2626, 2984, 3101 to 3119 and 3149).

6. Consequential amendments to the changes in Table A:

UN No.	Column	Amendment
1805	(2a)	Replace "liquid" with "solution"
1835	(2a)	Add at the end ", solution"
2235	(2a)	Add at the end ", liquid"
3099	All	Delete the following entries under this UN number: Barium chlorate Barium perchlorate Lead perchlorate Potassium fluoride Sodium fluoride

The following new entries have been added:

UN No.	Name and description or technical name 3.1.2	Class	Classification Code	Packing group	Standard liquid	
(1)	(2a)	(2b)	(3a)	(3b)	(4)	(5)

UN No.	Name and description or technical name 3.1.2		Class 2.2	Classification Code 2.2	Packing group 2.1.1.3	Standard liquid
(1)	(2a)	(2b)	(3a)	(3b)	(4)	(5)
3405	Barium chlorate, solution	aqueous solution	5.1	OT1	II/III	Water
3406	Barium perchlorate, solution	aqueous solution	5.1	OT1	II/III	Water
3408	Lead perchlorate, solution	aqueous solution	5.1	OT1	II/III	Water
3413	Potassium cyanide, solution	aqueous solution	6.1	T4	I/II/III	Water
3414	Sodium cyanide, solution	aqueous solution	6.1	T4	I/II/III	Water
3415	Sodium fluoride, solution	aqueous solution	6.1	T4	III	Water
3422	Potassium fluoride, solution	aqueous solution	6.1	T4	III	Water

7. The individual substances with the same standard liquid as the collective entry have been deleted (as proposed by the secretariat in document TRANS/WP.15/2004/20. The list of deleted substances is as follows:

UN No.	Name and description or technical name 3.1.2		Class 2.2	Classification Code 2.2	Packing group 2.1.1.3	Standard liquid
(1)	(2a)	(2b)	(3a)	(3b)	(4)	(5)
2584	Dodecylbenzene sulphonic acid	with more than 5% free sulphuric acid, liquid	8	C1	II	n-Butyl acetate/ n-butyl acetate- saturated wetting solution
2586	Dodecylbenzene sulphonic acid	with not more than 5% sulphuric acid	8	C1	III	n-Butyl acetate/ n-butyl acetate- saturated wetting solution
2733	Dimethylamine	aqueous solution, flashpoint below 23 °C, boiling point not more than 35 °C, vapour pressure at 50 °C not more than 3 bar	3	FC	I	Mixture of hydrocarbons and wetting solution
2733	Methylamine	aqueous solution, flashpoint below 23 °C, boiling point not more than 35 °C, vapour pressure at 50 °C not more than 3 bar	3	FC	I	Mixture of hydrocarbons and wetting solution
2733	Trimethylamine	aqueous solution, containing more than 50% trimethylamine by mass, vapour pressure at 50 °C not more than 3 bar	3	FC	I	Mixture of hydrocarbons and wetting solution
2733	Cyclohexylamine	flashpoint below 23 °C	3	FC	II	Mixture of hydrocarbons and wetting solution
2733	N,N-Dimethylethylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
2733	N,N-Dimethyl-isopropylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
2733	N-Ethylbutylamine		3	FC	II	Mixture of hydrocarbons

UN No.	Name and description or technical name 3.1.2		Class 2.2	Classification Code 2.2	Packing group 2.1.1.3	Standard liquid
(1)	(2a)	(2b)	(3a)	(3b)	(4)	(5)
						hydrocarbons and wetting solution
2733	n-Hexylamine	flashpoint below 23 °C	3	FC	II	Mixture of hydrocarbons and wetting solution
2733	3-Methyl-2-butylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
2733	3-Dimethylamino-propylamine	flashpoint between 23 °C and 61 °C	3	FC	III	Mixture of hydrocarbons and wetting solution
2734	3-Methoxy-1-propanamine		8	CF1	I	Mixture of hydrocarbons and wetting solution
2734	Ethylamine	aqueous solution, not more than 50% ethylamine by mass, flashpoint between 23 °C and 61 °C	8	CF1	II	Mixture of hydrocarbons and wetting solution
2734	N-Ethylcyclohexylamine		8	CF1	II	Mixture of hydrocarbons and wetting solution
2734	n-Hexylamine	flashpoint between 23 °C and 61 °C	8	CF1	II	Mixture of hydrocarbons and wetting solution
2734	1,3-Propylenediamine		8	CF1	II	Mixture of hydrocarbons and wetting solution
2735	N-Cyclohexyl-1,3-propanediamine		8	C7	I	Mixture of hydrocarbons and wetting solution
2735	4,4'-Methylene bis-(2-methyl-cyclohexylamine)		8	C7	I	Mixture of hydrocarbons and wetting solution
2735	N,N'-Bis-(3-aminopropyl)-ethylenediamine		8	C7	II	Mixture of hydrocarbons and wetting solution
2735	N,N'-Di-sec-butyl-para-phenylenediamine		8	C7	II	Mixture of hydrocarbons and wetting solution

UN No.	Name and description or technical name 3.1.2		Class 2.2	Classification Code 2.2	Packing group 2.1.1.3	Standard liquid
(1)	(2a)	(2b)	(3a)	(3b)	(4)	(5)
2735	Dimethylstearylamine		8	C7	II	Mixture of hydrocarbons and wetting solution
2735	N,N-Dimethylalkylamines	isomeric mixture of C12- and C14-alkyles	8	C7	II	Mixture of hydrocarbons and wetting solution
2735	Benzylamine	flashpoint more than 61°C	8	C7	III	Mixture of hydrocarbons and wetting solution
2735	N,N-Diisopropyl-ethanolamine		8	C7	III	Mixture of hydrocarbons and wetting solution
3145	Dodecylphenol		8	C3	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3145	Nonylphenol	technical, isomeric mixture of 2-/4-Nonylphenol 10/90%	8	C3	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution

Annex

Assimilation list

<u>UN No.</u>	<u>Name and description</u> or <u>technical name</u> <u>3.1.2</u>		<u>Class</u>	<u>Classification Code</u>	<u>Packing group</u>	<u>Standard liquid</u>
<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
1090	Acetone		3	F1	II	Mixture of hydrocarbons Remark: applicable only, if it is proved that the permeability of the substance out of the package intended for carriage has an acceptable level
1093	Acrylonitrile, <u>stabilized</u>	<u>stabilized</u>	3	FT1	I	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1104	Amyl acetates	pure isomers and isomeric mixture	3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1105	Pentanol s	pure isomers and isomeric mixture	3	F1	II/III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1106	Amylamines	pure isomers and isomeric mixture	3	FC	II/III	Mixture of hydrocarbons and wetting solution
1109	Amyl formates	pure isomers and isomeric mixture	3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1120	Butanol s	pure isomers and isomeric mixture	3	F1	II/III	Acetic acid
1123	Butyl acetates	pure isomers and isomeric mixture	3	F1	II/III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1125	n-Butylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
1128	n-Butyl formate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1129	Butyraldehyde		3	F1	II	Mixture of hydrocarbons
1133	Adhesives <u>containing flammable liquid</u>	<u>containing flammable liquid</u>	3	F1	I/II/III	Rule for collective entries
1139	Coating solution (<u>includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining</u>)	<u>includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining</u>	3	F1	I/II/III	Rule for collective entries
1145	Cyclohexane		3	F1	II	Mixture of hydrocarbons
1146	Cyclopentane		3	F1	II	Mixture of hydrocarbons
1153	Ethylene glycol diethyl ether		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons

<u>UN No.</u>	<u>Name and description</u> or <u>technical name</u> <u>3.1.2</u>		<u>Class</u> <u>2.2</u>	<u>Classification Code</u> <u>2.2</u>	<u>Packing group</u> <u>2.1.1.3</u>	<u>Standard liquid</u>
<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
1154	Diethylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
1158	Diisopropylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
1160	Dimethylamine <u>aqueous solution</u>	<u>aqueous solution</u>	3	FC	II	Mixture of hydrocarbons and wetting solution
1165	Dioxane		3	F1	II	Mixture of hydrocarbons
1169	Extracts, aromatic, liquid		3	F1	I/II/III	Rule for collective entries
1170	Ethanol or Ethanol <u>aqueous solution</u>	<u>aqueous solution</u>	3	F1	II/III	Acetic acid
1171	Ethylene glycol monoethyl ether		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
1172	Ethylene glycol monoethyl ether acetate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
1173	Ethyl acetate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1177	2-Ethylbutyl acetate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1178	2-Ethylbutyraldehyde		3	F1	II	Mixture of hydrocarbons
1180	Ethyl butyrate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1188	Ethylene glycol monomethyl ether		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
1189	Ethylene glycol monomethyl ether acetate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
1190	Ethyl formate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1191	Octyl aldehydes	pure isomers and isomeric mixture	3	F1	III	Mixture of hydrocarbons
1192	Ethyl lactate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1195	Ethyl propionate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution

<u>UN No.</u>	<u>Name and description</u> or <u>technical name</u> <u>3.1.2</u>		<u>Class</u> <u>2.2</u>	<u>Classification Code</u> <u>2.2</u>	<u>Packing group</u> <u>2.1.1.3</u>	<u>Standard liquid</u>
<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
1197	Extracts, flavouring, liquid		3	F1	I/II/III	Rule for collective entries
1198	Formaldehyde <u>solution</u>	aqueous solution, flashpoint between 23°C and 61°C	3	FC	III	Acetic acid
1202	Diesel fuel	complying with EN 590:1993 or with a flashpoint not more than 100°C	3	F1	III	Mixture of hydrocarbons
1202	Gas oil	flashpoint not more than 100°C	3	F1	III	Mixture of hydrocarbons
1202	Heating oil, <u>extra-light</u>	<u>extra light</u>	3	F1	III	Mixture of hydrocarbons
1202	Heating oil, light	<u>complying with EN 590:1993 or with a flashpoint not more than 100°C</u> <u>flashpoint not more than 100 °C or complying with EN 590:1993</u>	3	F1	III	Mixture of hydrocarbons
1203	Motor spirit, or gasoline, or petrol		3	F1	II	Mixture of hydrocarbons
1206	Heptanes	pure isomers and isomeric mixture	3	F1	II	Mixture of hydrocarbons
1207	<u>n</u> -Hexaldehyde	<u>n-Hexaldehyde</u>	3	F1	III	Mixture of hydrocarbons
1208	Hexanes	pure isomers and isomeric mixture	3	F1	II	Mixture of hydrocarbons
1210	Printing ink, flammable or Printing ink related material flammable (including printing ink thinning or reducing compound)	<u>flammable, including printing ink thinning or reducing compound</u>	3	F1	I/II/III	Rule for collective entries
1212	Isobutanol		3	F1	III	Acetic acid
1213	Isobutyl acetate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1214	Isobutylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
1216	Isooctenes	pure isomers and isomeric mixture	3	F1	II	Mixture of hydrocarbons
1219	Isopropanol		3	F1	II	Acetic acid
1220	Isopropyl acetate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1221	Isopropylamine		3	FC	I	Mixture of hydrocarbons and wetting solution
1223	Kerosene		3	F1	III	Mixture of hydrocarbons
1224	3,3-Dimethyl-2-butanone		3	F1	II	Mixture of hydrocarbons
1224	Ketones, liquid, n.o.s.		3	F1	II/III	Rule for collective entries
1230	Methanol		3	FT1	II	Acetic acid
1231	Methyl acetate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution

<u>UN No.</u>	<u>Name and description</u> or <u>technical name</u> <u>3.1.2</u>		<u>Class</u> <u>2.2</u>	<u>Classification Code</u> <u>2.2</u>	<u>Packing group</u> <u>2.1.1.3</u>	<u>Standard liquid</u>
<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
1233	Methylamyl acetate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1235	Methylamine, <u>aqueous solution</u>	<u>aqueous solution</u>	3	FC	II	Mixture of hydrocarbons and wetting solution
1237	Methyl butyrate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1247	Methyl methacrylate <u>monomer, stabilized</u>	<u>monomer, stabilized</u>	3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1248	Methyl propionate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1262	Octanes	pure isomers and isomeric mixture	3	F1	II	Mixture of hydrocarbons
1263	<u>Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)</u> or <u>Paint related material (including paint thinning and reducing compound)</u>	<u>including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base</u> or <u>including paint thinning and reducing compound</u>	3	F1	I/II/III	Rule for collective entries
1265	n-Pentane <u>Pentanes</u>	<u>n-Pentane</u>	3	F1	II	Mixture of hydrocarbons
1266	<u>Perfumery products with flammable solvents</u>	<u>with flammable solvents</u>	3	F1	I/II/III	Rule for collective entries
1268	Coal tar naphtha	vapour pressure at 50°C not more than 110 kPa	3	F1	II	Mixture of hydrocarbons
1268	<u>Petroleum distillates, n.o.s.</u> or <u>Petroleum products, n.o.s.</u>		3	F1	I/II/III	Rule for collective entries
1274	<u>n-Propanol</u>		3	F1	II/III	Acetic acid
1275	Propionaldehyde		3	F1	II	Mixture of hydrocarbons
1276	<u>n-Propyl acetate</u>		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1277	n-Propylamine	<u>n-Propylamine</u>	3	FC	II	Mixture of hydrocarbons and wetting solution
1281	Propyl formates	pure isomers and isomeric mixture	3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1282	Pyridine	<u>pure</u>	3	F1	II	Mixture of hydrocarbons
1282	Pyridine	technical, with additions of Methylpyridines	3	F1	II	Mixture of hydrocarbons
1286	Rosin oil		3	F1	I/II/III	Rule for collective entries
1287	Rubber solution		3	F1	I/II/III	Rule for collective entries
1296	Triethylamine		3	FC	II	Mixture of hydrocarbons and wetting solution

<u>UN No.</u>	<u>Name and description</u> or <u>technical name</u> <u>3.1.2</u>		<u>Class</u> <u>2.2</u>	<u>Classification Code</u> <u>2.2</u>	<u>Packing group</u> <u>2.1.1.3</u>	<u>Standard liquid</u>
<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
1297	Trimethylamine, aqueous solution	aqueous solution , not more than 50% trimethylamine, by mass	3	FC	I/II/III	Mixture of hydrocarbons and wetting solution
1301	Vinyl acetate, stabilized	stabilized	3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1306	Wood preservatives, liquid		3	F1	II/III	Rule for collective entries
1547	Aniline		6.1	T1	II	Acetic acid
1590	Dichloroanilines, liquid	pure isomers and isomeric mixture	6.1	T1	II	Acetic acid
1602	Dye, liquid, toxic, n.o.s. or Dye intermediate, liquid, toxic, n.o.s.		6.1	T1	I/II/III	Rule for collective entries
1604	Ethylenediamine		8	CF1	II	Mixture of hydrocarbons and wetting solution
1715	Acetic anhydride		8	CF1	II	Acetic acid
1717	Acetyl chloride		3	FC	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1718	Butyl acid phosphate		8	C3	III	Wetting solution
1719	Hydrogen sulphides	aqueous solution	8	C5	III	Acetic acid
1719	Caustic alkali liquid, n.o.s.	inorganic	8	C5	II/III	Rule for collective entries
1730	Antimony pentachloride, liquid	liquid , pure	8	C1	II	Water
1736	Benzoyl chloride		8	C3	II	Mixture of hydrocarbons and wetting solution
1750	Chloroacetic acid solution	aqueous solution	6.1	TC1	II	Acetic acid
1750	Chloroacetic acid solution	solution , mixtures of mono- and dichloroacetic acid	6.1	TC1	II	Acetic acid
1752	Chloroacetyl chloride		6.1	TC1	I	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1755	Chromic acid solution	aqueous solution with not more than 30% chromic acid	8	C1	II/III	Nitric acid (55%) acid
1760	Cyanamide	aqueous solution with not more than 50% cyanamide	8	C9	II	Water
1760	O,O-Diethyl-dithiophosphoric acid		8	C9	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1760	O,O-Diisopropyl-dithiophosphoric acid		8	C9	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1760	O,O-Di-n-propyl-dithiophosphoric acid		8	C9	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1760	Corrosive liquid, n.o.s.	n.o.s. , flashpoint more than 61°C	8	C9	I/II/III	Rule for collective entries

<u>UN No.</u>	<u>Name and description</u> or <u>technical name</u> <u>3.1.2</u>		<u>Class</u> <u>2.2</u>	<u>Classification Code</u> <u>2.2</u>	<u>Packing group</u> <u>2.1.1.3</u>	<u>Standard liquid</u>
<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
1761	Cupriethylenediamine solution	aqueous solution	8	CT1	II/III	Mixture of hydrocarbons and wetting solution
1764	Dichloroacetic acid		8	C3	II	Acetic acid
1775	Fluoroboric acid	aqueous solution with not more than 50% fluoroboric acid	8	C1	II	Water
1778	Fluorosilicic acid		8	C1	II	Water
1779	Formic acid		8	C3	II	Acetic acid
1783	Hexamethylenediamine solution	aqueous solution	8	C7	II/III	Mixture of hydrocarbons and wetting solution
1787	Hydriodic acid	aqueous solution	8	C1	II/III	Water
1788	Hydrobromic acid	aqueous solution	8	C1	II/III	Water
1789	Hydrochloric acid	not more than 38% aqueous solution	8	C1	II/III	Water
1790	Hydrofluoric acid	with not more than 60% hydrofluoric acid	8	CT1	II	Water the permissible period of use: not more than 2 years
1791	Hypochlorite solution	aqueous solution, containing wetting agents as customary in trade	8	C9	II/III	Nitric acid (55%) acid and wetting solution *
1791	Hypochlorite solution	aqueous solution	8	C9	II/III	Nitric acid (55%) acid *
*) For UN 1791: Test to be carried out only with vent. If the test is carried out with nitric acid as the standard liquid, an acid-resistant vent and gasket shall be used. For hypochlorite solutions, vents and gaskets of the same design type, resistant to hypochlorite (e.g. of silicone rubber) but not resistant to nitric acid, are also permitted.						
1793	Isopropyl acid phosphate		8	C3	III	Wetting solution
1802	Perchloric acid	aqueous solution with not more than 50% acid, by mass	8	CO1	II	Water
1803	Phenolsulphonic acid, liquid	isomeric mixture, liquid	8	C3	II	Water
1805	Phosphoric acid, liquid solution	liquid	8	C1	III	Water
1814	Potassium hydroxide solution	aqueous solution	8	C5	II/III	Water
1824	Sodium hydroxide solution	aqueous solution	8	C5	II/III	Water
1830	Sulphuric acid	with more than 51% pure acid	8	C1	II	Water
1832	Sulphuric acid, spent	chemical stable	8	C1	II	Water
1833	Sulphurous acid		8	C1	II	Water
1835	Tetramethylammonium hydroxide, solution	aqueous solution, flashpoint more than 61°C	8	C7	II	Water
1840	Zinc chloride solution	aqueous solution	8	C1	III	Water
1848	Propionic acid		8	C3	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1862	Ethyl crotonate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1863	Fuel, aviation, turbine engine		3	F1	I/II/III	Mixture of hydrocarbons

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
1866	Resin solution, flammable	flammable	3	F1	I/II/III	Rule for collective entries
1902	Diisooctyl acid phosphate		8	C3	III	Wetting solution
1906	Sludge acid		8	C1	II	Nitric acid (55%) acid
1908	Chlorite solution	aqueous solution	8	C9	II/III	Acetic acid
1914	Butyl propionates		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1915	Cyclohexanone		3	F1	III	Mixture of hydrocarbons
1917	Ethyl acrylate, stabilized	stabilized	3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1919	Methyl acrylate, stabilized	stabilized	3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1920	Nonanes	pure isomers and isomeric mixture, flashpoint between 23°C and 61°C	3	F1	III	Mixture of hydrocarbons
1935	Cyanide solution, n.o.s.	n.o.s. , inorganic	6.1	T4	I/II/III	Water
1940	Thioglycolic acid		8	C3	II	Acetic acid
1986	Alcohols, flammable, toxic, n.o.s.		3	FT1	I/II/III	Rule for collective entries
1987	Cyclohexanol	technical pure	3	F1	III	Acetic acid
1987	Alcohols, n.o.s.		3	F1	II/III	Rule for collective entries
1988	Aldehydes, flammable, toxic, n.o.s.		3	FT1	I/II/III	Rule for collective entries
1989	Aldehydes, n.o.s.		3	F1	I/II/III	Rule for collective entries
1992	2,6-cis-Dimethyl-morpholine		3	FT1	III	Mixture of hydrocarbons
1992	Flammable liquid, toxic, n.o.s.		3	FT1	I/II/III	Rule for collective entries
1993	Propionic acid vinyl ester		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1993	(1-Methoxy-2-propyl) acetate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
1993	Flammable liquid, n.o.s.		3	F1	I/II/III	Rule for collective entries
2014	Hydrogen peroxide, aqueous solution	aqueous solution , with not less than 20% but not more than 60% hydrogen peroxide, stabilized as necessary	5.1	OC1	II	Nitric acid (55%) acid
2022	Cresylic acid	liquid mixture containing cresols, xylenols and methyl phenols	6.1	TC1	II	Acetic acid
2030	Hydrazine aqueous solution	aqueous solution with not less than 37% but not more than 64% hydrazine, by mass	8	CT1	II	Water
2030	Hydrazine hydrate	aqueous solution with 64% hydrazine	8	CT1	II	Water
2031	Nitric acid	other than red fuming, with not more than 55% pure acid	8	CO1	II	Nitric acid (55%) acid

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
2045	Isobutyraldehyde		3	F1	II	Mixture of hydrocarbons
2050	Diisobutylene <u>isomeric compounds</u>	<u>isomeric compounds</u>	3	F1	II	Mixture of hydrocarbons
2053	Methyl isobutyl carbinol		3	F1	III	Acetic acid
2054	Morpholine		3	CF1	I	Mixture of hydrocarbons
2057	Tripropylene	<u>flashpoint below 23°C</u>	3	F1	II/III	Mixture of hydrocarbons
2057	Tripropylene	flashpoint between 23°C and 61°C	3	F1	III	Mixture of hydrocarbons
2058	Valeraldehydes	pure isomers and isomeric mixture	3	F1	II	Mixture of hydrocarbons
2059	Nitrocellulose solution, flammable		3	D	I/II/III	Rule for collective entries: Deviating from the general procedure this rule may be applied to solvents of classification code F1
2075	Chloral, <u>anhydrous, stabilized</u>	<u>anhydrous, stabilized</u>	6.1	T1	II	Wetting solution
2076	Cresols, liquid	pure isomers and isomeric mixture	6.1	TC1	II	Acetic acid
2078	Toluene diisocyanate	liquid	6.1	T1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2079	Diethylenetriamine		8	C7	II	Mixture of hydrocarbons
2209	Formaldehyde <u>solution</u>	aqueous solution with 37% Form-aldehyde, methanol content: 8-10%	8	C9	III	Acetic acid
2209	Formaldehyde <u>solution</u>	aqueous solution, with not less than 25% formaldehyde	8	C9	III	Water
2218	Acrylic acid, <u>stabilized</u>	<u>stabilized</u>	8	CF1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2227	n-Butyl methacrylate, <u>stabilized</u>	<u>stabilized</u>	3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2235	para-Chlorobenzyl chloride, liquid	<u>para-Chlorobenzyl chloride, liquid</u>	6.1	T2	III	Mixture of hydrocarbons
2241	Cycloheptane		3	F1	II	Mixture of hydrocarbons
2242	Cycloheptene		3	F1	II	Mixture of hydrocarbons
2243	Cyclohexyl acetate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2244	Cyclopentanol		3	F1	III	Acetic acid
2245	Cyclopentanone		3	F1	III	Mixture of hydrocarbons
2247	n-Decane		3	F1	III	Mixture of hydrocarbons
2248	Di-n-butylamine		8	CF1	II	Mixture of hydrocarbons
2258	1,2-Propylenediamine		8	CF1	II	Mixture of hydrocarbons <u>and</u> wetting solution
2259	Triethylenetetramine		8	C7	II	Water
2260	Tripropylamine		3	FC	III	Mixture of hydrocarbons <u>and</u> wetting solution

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
2263	Dimethylcyclohexanes	pure isomers and isomeric mixture	3	F1	II	Mixture of hydrocarbons
2264	N,N-Dimethyl-cyclohexylamine		8	CF1	II	Mixture of hydrocarbons and wetting solution
2265	N,N-Dimethyl-formamide		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2266	Dimethyl-N-propylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
2269	3,3'-Imino-dipropylamine		8	C7	III	Mixture of hydrocarbons and wetting solution
2270	Ethylamine, <u>aqueous solution</u>	<u>aqueous solution</u> , with not less than 50% but not more than 70% ethylamine, flashpoint between 23 °C and 61 °C below 23°C, corrosive or slightly corrosive	3	FC	II	Mixture of hydrocarbons and wetting solution
2275	2-Ethylbutanol		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2276	2-Ethylhexylamine		3	FC	III	Mixture of hydrocarbons and wetting solution
2277	Ethyl methacrylate, <u>stabilized</u>	<u>stabilized</u>	3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2278	n-Heptene		3	F1	II	Mixture of hydrocarbons
2282	Hexanols	pure isomers and isomeric mixture	3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2283	Isobutyl methacrylate, <u>stabilized</u>	<u>stabilized</u>	3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2286	Pentamethylheptane		3	F1	III	Mixture of hydrocarbons
2287	Isoheptenes		3	F1	II	Mixture of hydrocarbons
2288	Isohexenes		3	F1	II	Mixture of hydrocarbons
2289	Isophoronediamine		8	C7	III	Mixture of hydrocarbons and wetting solution
2293	4-Methoxy-4-methyl-pentan-2-one		3	F1	III	Mixture of hydrocarbons
2296	Methylcyclohexane		3	F1	II	Mixture of hydrocarbons
2297	Methylcyclohexanones	pure isomers and isomeric mixture	3	F1	III	Mixture of hydrocarbons
2298	Methylcyclopentane		3	F1	II	Mixture of hydrocarbons
2302	5-Methylhexan-2-one		3	F1	III	Mixture of hydrocarbons
2308	Nitrosylsulphuric acid, <u>liquid</u>	<u>liquid</u>	8	C1	II	Water
2309	Octadiene		3	F1	II	Mixture of hydrocarbons

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
2313	Picolines	pure isomers and isomeric mixture	3	F1	III	Mixture of hydrocarbons
2317	Sodium cuprocyanide solution	aqueous solution	6.1	T4	I	Water
2320	Tetraethylenepentamine		8	C7	III	Mixture of hydrocarbons and wetting solution
2324	Triisobutylene	mixture of C12-monoolefines, flashpoint between 23°C and 61°C	3	F1	III	Mixture of hydrocarbons
2326	Trimethylcyclohexylamine		8	C7	III	Mixture of hydrocarbons and wetting solution
2327	Trimethylhexamethylenediamines	pure isomers and isomeric mixture	8	C7	III	Mixture of hydrocarbons and wetting solution
2330	Undecane		3	F1	III	Mixture of hydrocarbons
2336	Allyl formate		3	FT1	I	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2348	Butyl acrylates, stabilized	stabilized	3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2357	Cyclohexylamine	flashpoint between 23°C and 61°C flashpoint not less than 23°C	8	CF1	II	Mixture of hydrocarbons and wetting solution
2361	Diisobutylamine		3	FC	III	Mixture of hydrocarbons and wetting solution
2366	Diethyl carbonate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2367	alpha-Methylvaleraldehyde		3	F1	II	Mixture of hydrocarbons
2370	1-Hexene		3	F1	II	Mixture of hydrocarbons
2372	1,2-Di-(dimethylamino)-ethane		3	F1	II	Mixture of hydrocarbons and wetting solution
2379	1,3-Dimethylbutylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
2383	Dipropylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
2385	Ethyl isobutyrate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2393	Isobutyl formate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2394	Isobutyl propionate	flashpoint between 23°C and 61°C	3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2396	Methacrylaldehyde, stabilized	stabilized	3	FT1	II	Mixture of hydrocarbons

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
2400	Methyl isovalerate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2401	Piperidine		8	CF1	I	Mixture of hydrocarbons and wetting solution
2403	Isopropenyl acetate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2405	Isopropyl butyrate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2406	Isopropyl isobutyrate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2409	Isopropyl propionate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2410	1,2,3,6-Tetrahydropyridine		3	F1	II	Mixture of hydrocarbons
2427	Potassium chlorate, <u>aqueous solution</u>	<u>aqueous solution</u>	5.1	O1	II/III	Water
2428	Sodium chlorate, <u>aqueous solution</u>	<u>aqueous solution</u>	5.1	O1	II/III	Water
2429	Calcium chlorate, <u>aqueous solution</u>	<u>aqueous solution</u>	5.1	O1	II/III	Water
2436	Thioacetic acid		3	F1	II	Acetic acid
2457	2,3-Dimethylbutane		3	F1	II	Mixture of hydrocarbons
2491	Ethanolamine		8	C7	III	Wetting solution
2491	Ethanolamine <u>solution</u>	aqueous solution	8	C7	III	Wetting solution
2496	Propionic anhydride		8	C3	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2524	Ethyl orthoformate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2526	Furfurylamine		3	FC	III	Mixture of hydrocarbons and wetting solution
2527	Isobutyl acrylate, <u>stabilized</u>	<u>stabilized</u>	3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2528	Isobutyl isobutyrate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2529	Isobutyric acid		3	FC	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2531	Methacrylic acid, <u>stabilized</u>	<u>stabilized</u>	8	C3	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2542	Tributylamine		6.1	T1	II	Mixture of hydrocarbons
2560	2-Methylpentan-2-ol		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
2564	Trichloroacetic acid solution	aqueous solution	8	C3	II/III	Acetic acid
2565	Dicyclohexylamine		8	C7	III	Mixture of hydrocarbons and wetting solution
2571	Ethylsulphuric acid		8	C3	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2571	Alkylsulphuric acids		8	C3	II	Rule for collective entries
2580	Aluminium bromide solution	aqueous solutions	8	C1	III	Water
2581	Aluminium chloride solution	aqueous solutions	8	C1	III	Water
2582	Ferric chloride solution	aqueous solution	8	C1	III	Water
2584	Methane sulphonic acid	with more than 5% free sulphuric acid, liquid	8	C1	II	Water
2584	Alkylsulphonic acids, liquid	liquid , with more than 5% free sulphuric acid	8	C1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2584	Benzene sulphonic acid	with more than 5% free sulphuric acid, liquid	8	C1	II	Water
2584	Dodecylbenzene sulphonic acid	with more than 5% free sulphuric acid, liquid	8	C1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2584	para-Toluene sulphonic acid	liquid, with more than 5% free sulphuric acid	8	C1	II	Water
2584	Toluene sulphonic acids	liquid, with more than 5% free sulphuric acid	8	C1	II	Water
2584	Arylsulphonic acids, liquid	liquid , with more than 5% free sulphuric acid	8	C1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2586	Methane sulfonic acid	with not more than 5% free sulphuric acid, liquid	8	C1	III	Water
2586	Alkylsulphonic acids, liquid	liquid , with not more than 5% free sulphuric acid	8	C1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2586	Benzene sulphonic acid	with not more than 5% free sulphuric acid, liquid ²	8	C1	III	Water
2586	Dodecylbenzene sulphonic acid	with not more than 5% sulphuric acid	8	C1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2586	para-Toluene sulphonic acid	with not more than 5% free sulphuric acid, liquid ²	8	C1	III	Water
2586	Toluene sulphonic acids	liquid, with not more than 5% free sulphuric acid	8	C1	III	Water
2586	Arylsulphonic acids, liquid	liquid , with not more than 5% free sulphuric acid	8	C1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2610	Triallylamine		3	FC	III	Mixture of hydrocarbons and wetting solution
2614	Methyl alcohol		3	F1	III	Acetic acid
2617	Methylcyclohexanols	pure isomers and isomeric mixture, flashpoint	3	F1	III	Acetic acid

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
		between 23°C and 61°C				
2619	Benzyl dimethylamine		8	CF1	II	Mixture of hydrocarbons and wetting solution
2620	Amyl butyrates	pure isomers and isomeric mixture, flashpoint between 23°C and 61°C	3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2622	Glycidaldehyde	flashpoint below 23° C	3	FT1	II	Mixture of hydrocarbons
2626	Chloric acid, aqueous solution	aqueous solution -with not more than 10% chloric acid	5.1	O1	II	Nitric acid (55%)acid
2656	Quinoline	flashpoint more than 61°C	6.1	T1	III	Water
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	8	C5	III	Water
2683	Ammonium sulphide solution	aqueous solution, flashpoint between 23°C and 61°C	8	CFT	II	Acetic acid
2684	Diethylaminopropylamine		3	FC	III	Mixture of hydrocarbons and wetting solution
2685	N,N-Diethylethylenediamine		8	CF1	II	Mixture of hydrocarbons and wetting solution
2693	Bisulphites, aqueous solution, n.o.s.	aqueous solution, n.o.s., inorganic	8	C1	III	Water
2707	Dimethyldioxanes	pure isomers and isomeric mixture	3	F1	II/III	Mixture of hydrocarbons
2733	Dimethylamine	aqueous solution, flashpoint below 23°C, boiling point not more than 35 °C, vapour pressure at 50 °C not more than 3 bar	3	FC	I	Mixture of hydrocarbons and wetting solution
2733	Methylamine	aqueous solution, flashpoint below 23°C, boiling point not more than 35 °C, vapour pressure at 50 °C not more than 3 bar	3	FC	I	Mixture of hydrocarbons and wetting solution
2733	Trimethylamine	aqueous solution, containing more than 50% trimethylamine by mass, vapour pressure at 50 °C not more than 3 bar	3	FC	I	Mixture of hydrocarbons and wetting solution
2733	Cyclohexylamine	flashpoint below 23°C	3	FC	H	Mixture of hydrocarbons and wetting solution
2733	N,N-Dimethylethylamine	-	3	FC	H	Mixture of hydrocarbons and wetting solution
2733	N,N-Dimethylisopropylamine	-	3	FC	H	Mixture of hydrocarbons and

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
						wetting solution
2733	N-Ethylbutylamine	-	3	FC	H	Mixture of hydrocarbons and wetting solution
2733	n-Hexylamine	flashpoint below 23°C	3	FC	H	Mixture of hydrocarbons and wetting solution
2733	3-Methyl-2-butylamine	-	3	FC	H	Mixture of hydrocarbons and wetting solution
2733	3-Dimethylamino-propylamine	flashpoint between 23°C and 61°C	3	FC	III	Mixture of hydrocarbons and wetting solution
2733	Amines, flammable, corrosive, n.o.s. or Polyamines, flammable, corrosive, n.o.s.	n.o.s.	3	FC	I/II/III	Mixture of hydrocarbons and wetting solution
2734	3-Methoxy-1-propanamine	-	8	CF1	I	Mixture of hydrocarbons and wetting solution
2734	Di-sec-butylamine		8	CF1	II	Mixture of hydrocarbons
2734	Ethylamine	aqueous solution, not more than 50% ethylamine by mass, flashpoint between 23°C and 61°C	8	CF1	H	Mixture of hydrocarbons and wetting solution
2734	N-Ethylcyclohexylamine	-	8	CF1	H	Mixture of hydrocarbons and wetting solution
2734	n-Hexylamine	flashpoint between 23°C and 61°C	8	CF1	H	Mixture of hydrocarbons and wetting solution
2734	1,3-Propylenediamine	-	8	CF1	H	Mixture of hydrocarbons and wetting solution
2734	Amines, liquid, corrosive, flammable, n.o.s. or Polyamines, liquid, corrosive, flammable, n.o.s.	n.o.s.	8	CF1	I/II	Mixture of hydrocarbons and wetting solution
2735	N-Cyclohexyl-1,3-propanediamine	-	8	C7	I	Mixture of hydrocarbons and wetting solution
2735	4,4'-Methylene bis (2-methyl-cyclohexylamine)	-	8	C7	I	Mixture of hydrocarbons and wetting solution
2735	N,N'-Bis-(3-aminopropyl)-ethylenediamine	-	8	C7	H	Mixture of hydrocarbons and wetting solution
2735	N,N'-Di-sec-butyl-para-phenylenediamine	-	8	C7	H	Mixture of hydrocarbons and wetting solution

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
2735	Dimethylstearylamine	-	8	C7	II	Mixture of hydrocarbons and wetting solution
2735	N,N-Dimethylalkylamines	isomeric mixture of C12- and C14-alkyles	8	C7	II	Mixture of hydrocarbons and wetting solution
2735	Benzylamine	flashpoint more than 61°C	8	C7	III	Mixture of hydrocarbons and wetting solution
2735	N,N-Diisopropyl-ethanolamine	-	8	C7	III	Mixture of hydrocarbons and wetting solution
2735	Amines, liquid, corrosive, n.o.s. or Polyamines, liquid, corrosive, n.o.s.	n.o.s.	8	C7	I/II/III	Mixture of hydrocarbons and wetting solution
2739	Butyric anhydride		8	C3	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2789	Acetic acid, glacial or Acetic acid solution	glacial or aqueous solution, more than 80% acid, by mass	8	CF1	II	Acetic acid
2790	Acetic acid solution	aqueous solution, more than 10% but not more than 80% acid, by mass	8	C3	II/III	Acetic acid
2796	Sulphuric acid	with not more than 51% pure acid	8	C1	II	Water
2797	Battery fluid, alkali	alkali -Potassium/Sodium hydroxide, aqueous solution	8	C5	II	Water
2810	2-Chloro-6-fluorobenzyl chloride	stabilized	6.1	T1	III	Mixture of hydrocarbons
2810	2-Phenylethanol		6.1	T1	III	Acetic acid
2810	Ethylene glycol monoethyl ether		6.1	T1	III	Acetic acid
2810	Toxic liquid, organic, n.o.s.		6.1	T1	I/II/III	Rule for collective entries
2815	N-Aminoethylpiperazine		8	C7	III	Mixture of hydrocarbons and wetting solution
2818	Ammonium polysulphide solution	aqueous solution	8	CT1	II/III	Acetic acid
2819	Amyl acid phosphate		8	C3	III	Wetting solution
2820	n-Butyric acid	n-Butyric acid	8	C3	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2821	Phenol solution	aqueous solution, toxic, non-alkaline	6.1	T1	II/III	Acetic acid
2829	n-Caproic acid	n-Caproic acid	8	C3	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2837	Bisulphates, aqueous solution	aqueous solution	8	C1	II/III	Water

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
2838	Vinyl butyrate, <u>stabilized</u>	<u>stabilized</u>	3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2841	Di-n-amylamine		3	FT1	III	Mixture of hydrocarbons and wetting solution
2850	Propylene tetramer	mixture of C12- monoolefines, flashpoint between 23°C and 61°C	3	F1	III	Mixture of hydrocarbons
2873	N,N-Di-n- butylaminoethanol	<u>N,N-Di-n-</u> <u>butylaminoethanol</u>	6.1	T1	III	Acetic acid
2874	Furfuryl alcohol		6.1	T1	III	Acetic acid
2920	O,O-Diethyl- dithiophosphoric acid	flashpoint between 23°C and 61°C	8	CF1	II	<u>n-Butylacetate/n-</u> <u>Butylacetate-saturated</u> <u>Wetting-wetting</u> solution
2920	O,O-Dimethyl- dithiophosphoric acid	flashpoint between 23°C and 61°C	8	CF1	II	Wetting solution
2920	Hydrogen bromide	33% solution in glacial acetic acid	8	CF1	II	Wetting solution
2920	Tetramethylammonium hydroxide	aqueous solution, flashpoint between 23°C and 61°C	8	CF1	II	Water
2920	Corrosive liquid, flammable, n.o.s.		8	CF1	I/II	Rule for collective entries
2922	Ammonium sulphide	aqueous solution, flashpoint more than 61°C	8	CT1	II	Water
2922	Cresols, aqueous alkaline solution	<u>aqueous alkaline solution,</u> mixture of sodium and potassium cresolate, <u>aqueous solution</u>	8	CT1	II	Acetic acid
2922	Phenol, aqueous alkaline solution	<u>aqueous alkaline solution,</u> mixture of sodium and potassium phenolate <u>aqueous solution</u>	8	CT1	II	Acetic acid
2922	Sodium hydrogen fluoride	aqueous solution	8	CT1	III	Water
2922	Corrosive liquid, toxic, n.o.s.		8	CT1	I/II/III	Rule for collective entries
2924	Flammable liquid, corrosive, n.o.s.	n.o.s., flashpoint between 23°C and 61°C, slightly corrosive;	3	FC	I/II/III	Rule for collective entries
2927	Toxic liquid, corrosive, organic, n.o.s.		6.1	TC1	I/II	Rule for collective entries
2933	Methyl 2-chloropropionate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2934	Isopropyl 2-chloro- propionate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2935	Ethyl 2-chloropropionate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2936	Thiolactic acid		6.1	T1	II	Acetic acid
2941	Fluoroanilines	pure isomers and isomeric mixture	6.1	T1	III	Acetic acid

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
2943	Tetrahydrofurfurylamine		3	F1	III	Mixture of hydrocarbons
2945	N-Methylbutylamine		3	FC	II	Mixture of hydrocarbons and wetting solution
2946	2-Amino-5-diethylaminopentane		6.1	T1	III	Mixture of hydrocarbons and wetting solution
2947	Isopropyl chloroacetate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
2984	Hydrogen peroxide, aqueous solution	aqueous solution , with not less than 8% but less than 20% hydrogen peroxide, stabilized as necessary	5.1	O1	III	Nitric acid (55%)acid
3056	n-Heptaldehyde		3	F1	III	Mixture of hydrocarbons
3065	Alcoholic beverages	with more than 24% alcohol by volume	3	F1	II/III	Acetic acid
3066	Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or Paint related material (including paint thinning and reducing compound)	including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base or including paint thinning and reducing compound	8	C9	II/III	Rule for collective entries
3079	Methacrylonitrile, stabilized	stabilized	3	FT1	I	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3082	sec-Alcohol C ₆ -C ₁₇ poly (3- 6) ethoxylate		9	M6	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
3082	Alcohol C ₁₂ -C ₁₅ poly (1-3) ethoxylate		9	M6	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
3082	Alcohol C ₁₃ -C ₁₅ poly (1-6) ethoxylate		9	M6	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
3082	Aviation turbine fuel JP-5	flashpoint more than 61°C	9	M6	III	Mixture of hydrocarbons
3082	Aviation turbine fuel JP-7	flashpoint more than 61°C	9	M6	III	Mixture of hydrocarbons
3082	Coal tar	flashpoint more than 61°C	9	M6	III	Mixture of hydrocarbons
3082	Coal tar naphtha	flashpoint more than 61°C	9	M6	III	Mixture of hydrocarbons
3082	Creosote produced of coal tar	flashpoint more than 61°C	9	M6	III	Mixture of hydrocarbons
3082	Creosote produced of wood tar	flashpoint more than 61°C	9	M6	III	Mixture of hydrocarbons
3082	Cresyl diphenyl phosphate		9	M6	III	Wetting solution

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
3082	Decyl acrylate		9	M6	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
3082	Diisobutyl phthalate		9	M6	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
3082	Di-n-butyl phthalate		9	M6	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons
3082	Hydrocarbons	liquid, flashpoint more than 61°C, environmentally hazardous	9	M6	III	Rule for collective entries
3082	Isodecyl diphenyl phosphate		9	M6	III	Wetting solution
3082	Methylnaphthalenes	isomeric mixture, liquid	9	M6	III	Mixture of hydrocarbons
3082	Triaryl phosphates	n.o.s.	9	M6	III	Wetting solution
3082	Triaryl phosphates	isopropylated	9	M6	III	Wetting solution
3082	Tricresyl phosphate	with not less than 1% but not more than 3% ortho- isomer	9	M6	III	Wetting solution
3082	Tricresyl phosphate	with less than 1% ortho- isomer	9	M6	III	Wetting solution
3082	Trixylenyl phosphate		9	M6	III	Wetting solution
3082	Zinc alkyl dithiophosphate	C3-C14	9	M6	III	Wetting solution
3082	Zinc aryl dithiophosphate	C7-C16	9	M6	III	Wetting solution
3082	Environmentally hazardous substance, liquid, n.o.s.	liquid, n.o.s.	9	M6	III	Rule for collective entries
3099	Barium chlorate	aqueous solution	5.1	OT1	H	Water
3099	Barium perchlorate	aqueous solution	5.1	OT1	H	Water
3099	Lead perchlorate	aqueous solution	5.1	OT1	H	Water
3099	Oxidizing liquid, toxic, n.o.s.		5.1	OT1	I/II/III	Rule for collective entries
3101 3103 3105 3107 3109, 3111 3113 3115 3117 3119	Organic Peroxide, Types B, C, D, E, or F, liquid or Organic Peroxide, Type B, C, D, E or F, liquid, temperature controlled	Liquid, or liquid, temperature controlled	5.2	P1		n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons and nitric acid (55%) acid**

***) For UN Nos. 3101, 3103, 3105, 3107, 3109, 3111, 3113, 3115, 3117, 3119
(tert-butyl hydroperoxide with more than 40 % peroxide content and peroxyacetic acids are excluded):
All organic peroxides in a technically pure form or in solution in solvents which, as far as their compatibility is concerned,
are covered by the standard liquid "mixture of hydrocarbons" in this list. Compatibility of vents and gaskets with organic
peroxides may be verified, also independently of the design type test, by laboratory tests with nitric acid.

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
3145	Dodecylphenol	-	8	C3	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3145	Nonylphenol	technical, isomeric mixture of 2-/4- Nonylphenol 10/90%	8	C3	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3145	meta-Butylphenol		8	C3	III	Acetic acid
3145	meta-sec-Butylphenol		8	C3	III	Acetic acid
3145	meta-tert-Butylphenol	liquid	8	C3	III	Acetic acid
3145	ortho-Butylphenol		8	C3	III	Acetic acid
3145	ortho-sec-Butylphenol		8	C3	III	Acetic acid
3145	ortho-tert-Butylphenol		8	C3	III	Acetic acid
3145	para-Butylphenol		8	C3	III	Acetic acid
3145	meta-Isobutylphenol		8	C3	III	Acetic acid
3145	ortho-Isobutylphenol		8	C3	III	Acetic acid
3145	Butylphenol	isomeric mixture, liquid	8	C3	III	Acetic acid
3145	Butylphenols	liquid, n.o.s.	8	C3	I/II/III	Acetic acid
3145	Alkylphenols, liquid, n.o.s.	including C2 to C12 homologues	8	C3	I/II/III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3149	Hydrogen peroxide and peroxyacetic acid mixture, stabilized	with UN 2790 acetic acid, UN 2796 sulphuric acid and/or UN 1805 phosphoric acid, water and not more than 5% peroxyacetic acid, stabilized	5.1	OC1	II	Wetting solution and nitric acid (55%) acid
3210	Chlorates, inorganic, aqueous solution, n.o.s.	inorganic, aqueous solution, n.o.s.	5.1	O1	II/III	Water
3211	Perchlorates, inorganic, aqueous solution, n.o.s.	inorganic, aqueous solution, n.o.s.	5.1	O1	II/III	Water
3213	Bromates, inorganic, aqueous solution, n.o.s.	inorganic, aqueous solution, n.o.s.	5.1	O1	II/III	Water
3214	Permanganates, inorganic, aqueous solution, n.o.s.	inorganic, aqueous solution, n.o.s.	5.1	O1	II	Water
3216	Persulphates, inorganic, aqueous solution, n.o.s.	inorganic, aqueous solution, n.o.s.	5.1	O1	III	Wetting solution
3218	Nitrates, inorganic, aqueous solution, n.o.s.	inorganic, aqueous solution, n.o.s.	5.1	O1	II/III	Water
3219	Nitrites, inorganic, aqueous solution, n.o.s.	inorganic, aqueous solution, n.o.s.	5.1	O1	II/III	Water
3264	Cupric chloride, aqueous solution	aqueous solution, slightly corrosive	8	C1	III	Water
3264	Hydroxylamine sulphate	25% aqueous solution	8	C1	III	Water
3264	Phosphorous acid	aqueous solution	8	C1	III	Water
3264	Corrosive liquid, acidic, inorganic, n.o.s.	n.o.s. , flashpoint more than 61°C,	8	C1	I/II/III	Rule for collective entries not applicable to mixtures having components of UN Nos.: 1830, 1832, 1906 and 2308 !
3265	Methoxyacetic acid		8	C3	I	n-Butyl acetate/ n-butyl acetate-saturated wetting solution

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
3265	Allyl succinic acid anhydride		8	C3	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3265	Dithioglycolic acid		8	C3	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3265	Butyl phosphate	mixture of mono- and di- butyl phosphate	8	C3	III	Wetting solution
3265	Caprylic acid		8	C3	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3265	Isovaleric acid		8	C3	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3265	Pelargonic acid		8	C3	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3265	Pyruvic acid		8	C3	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3265	Valeric acid		8	C3	III	Acetic acid
3265	Corrosive liquid, acidic, organic, n.o.s.	n.o.s. , flashpoint more than 61°C	8	C3	I/II/III	Rule for collective entries
3266	Sodium hydrosulphide	aqueous solution	8	C5	II	Acetic acid
3266	Sodium sulphide	aqueous solution, <u>slightly</u> corrosive	8	C5	III	Acetic acid
3266	Corrosive liquid, basic, inorganic, n.o.s.	n.o.s. , flashpoint more than 61°C	8	C5	I/II/III	Rule for collective entries
3267	2,2'-(Butylimino)-bisethanol		8	C7	II	Mixture of hydrocarbons and wetting solution
3267	Corrosive liquid, basic, organic, n.o.s.	n.o.s. , flashpoint more than 61°C	8	C7	I/II/III	Rule for collective entries
3271	Ethylene glycol monobutyl ether	flashpoint 61°C	3	F1	III	Acetic acid
3271	Ether, n.o.s.		3	F1	II/III	Rule for collective entries
3272	Acrylic acid tert-butyl ester		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3272	Isobutyl propionate	flashpoint below 23°C	3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3272	Methyl valerate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3272	Trimethyl ortho-formate		3	F1	II	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3272	Ethyl valerate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3272	Isobutyl isovalerate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
3272	n-Amyl propionate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3272	n-Butylbutyrate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3272	Methyl lactate		3	F1	III	n-Butyl acetate/ n-butyl acetate-saturated wetting solution
3272	Ester, n-o-s.n.o.s.		3	F1	II/III	Rule for collective entries
3287	Potassium fluoride	aqueous solution	6.1	T4	III	Water
3287	Sodium fluoride	aqueous solution	6.1	T4	III	Water
3287	Sodium nitrite	40% aqueous solution	6.1	T4	III	Water
3287	Toxic liquid, inorganic, n.o.s.		6.1	T4	I/II/III	Rule for collective entries
3291	Clinical waste, unspecified, n.o.s.	unspecified, n.o.s., liquid	6.2	I3	II	Water
3293	Hydrazine, aqueous solution	with not more than 37% hydrazine, by mass	6.1	T4	III	Water
3295	3,3-Diethylpentane		3	F1	II	Mixture of hydrocarbons
3295	2,2-Dimethyl-3-ethyl-pentane		3	F1	II	Mixture of hydrocarbons
3295	2,3-Dimethyl-3-ethylpentane		3	F1	II	Mixture of hydrocarbons
3295	2,4-Dimethyl-3-ethylpentane		3	F1	II	Mixture of hydrocarbons
3295	2,4-Dimethylheptane		3	F1	II	Mixture of hydrocarbons
3295	2,6-Dimethylheptane		3	F1	II	Mixture of hydrocarbons
3295	3,3-Dimethylheptane		3	F1	II	Mixture of hydrocarbons
3295	4,4-Dimethylheptane		3	F1	II	Mixture of hydrocarbons
3295	4-Ethyl-2-methylhexane		3	F1	II	Mixture of hydrocarbons
3295	cis-3-Heptene		3	F1	II	Mixture of hydrocarbons
3295	trans-2-Heptene		3	F1	II	Mixture of hydrocarbons
3295	trans-3-Heptene		3	F1	II	Mixture of hydrocarbons
3295	Nonanes	isomeric mixture, flashpoint below 23°C	3	F1	II	Mixture of hydrocarbons
3295	2,2,3,3-Tetramethyl-pentane		3	F1	II	Mixture of hydrocarbons
3295	2,2,3,4-Tetramethyl-pentane		3	F1	II	Mixture of hydrocarbons
3295	2,2,4,4-Tetramethyl-pentane		3	F1	II	Mixture of hydrocarbons
3295	2,3,3,4-Tetramethyl-pentane		3	F1	II	Mixture of hydrocarbons
3295	2,2,3-Trimethylhexane		3	F1	II	Mixture of hydrocarbons
3295	2,2,4-Trimethylhexane		3	F1	II	Mixture of hydrocarbons
3295	2,2,5-Trimethylhexane		3	F1	II	Mixture of hydrocarbons
3295	2,3,5-Trimethylhexane		3	F1	II	Mixture of hydrocarbons
3295	2,4,4-Trimethylhexane		3	F1	II	Mixture of hydrocarbons
3295	iso-Decanes	isomeric mixture, flashpoint between 23°C and 61°C	3	F1	III	Mixture of hydrocarbons
3295	2,3-Dimethyloctane		3	F1	III	Mixture of hydrocarbons
3295	2,5-Dimethyloctane		3	F1	III	Mixture of hydrocarbons
3295	2,7-Dimethyloctane		3	F1	III	Mixture of hydrocarbons

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<u>(1)</u>	<u>(2a)</u>	<u>(2b)</u>	<u>(3a)</u>	<u>(3b)</u>	<u>(4)</u>	<u>(5)</u>
3295	4,5-Dimethyloctane		3	F1	III	Mixture of hydrocarbons
3295	3-Ethyloctane		3	F1	III	Mixture of hydrocarbons
3295	4-Ethyloctane		3	F1	III	Mixture of hydrocarbons
3295	4-Isopropylheptane		3	F1	III	Mixture of hydrocarbons
3295	2-Methylnonane		3	F1	III	Mixture of hydrocarbons
3295	1,2,3-Trimethylbenzene		3	F1	III	Mixture of hydrocarbons
3295	2,5,5-Trimethylheptane		3	F1	III	Mixture of hydrocarbons
3295	Hydrocarbons, liquid, n.o.s.		3	F1	I/II/III	Rule for collective entries
3405	<u>Barium chlorate, solution</u>	<u>aqueous solution</u>	<u>5.1</u>	<u>OT1</u>	<u>II/III</u>	<u>Water</u>
3406	<u>Barium perchlorate, solution</u>	<u>aqueous solution</u>	<u>5.1</u>	<u>OT1</u>	<u>II/III</u>	<u>Water</u>
3408	<u>Lead perchlorate, solution</u>	<u>aqueous solution</u>	<u>5.1</u>	<u>OT1</u>	<u>II/III</u>	<u>Water</u>
3413	<u>Potassium cyanide, solution</u>	<u>aqueous solution</u>	<u>6.1</u>	<u>T4</u>	<u>I/II/III</u>	<u>Water</u>
3414	<u>Sodium cyanide, solution</u>	<u>aqueous solution</u>	<u>6.1</u>	<u>T4</u>	<u>I/II/III</u>	<u>Water</u>
3415	<u>Sodium fluoride, solution</u>	<u>aqueous solution</u>	<u>6.1</u>	<u>T4</u>	<u>III</u>	<u>Water</u>
3422	<u>Potassium fluoride, solution</u>	<u>aqueous solution</u>	<u>6.1</u>	<u>T4</u>	<u>III</u>	<u>Water</u>