

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Dangerous Goods
Seventy-fifth session,
Geneva, 19-23 January 2004
agenda item 5 (a)

Assimilation list

Assimilation list

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|---|---|--------------|------------------------------------|-----------------------------|--|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 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, stabilized | | 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 | containing flammable liquid | 3 | F1 | I/II/III | Rule for collective entries |
| 1139 | Coating solution | includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining | 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 |
| 1154 | Diethylamine | | 3 | FC | II | Mixture of hydrocarbons and |

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|---|--------------------------------------|--------------|------------------------------------|-----------------------------|--|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| | | | | | | wetting solution |
| 1158 | Diisopropylamine | | 3 | FC | II | Mixture of hydrocarbons and wetting solution |
| 1160 | Dimethylamine aqueous solution | | 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 solution | aqueous solution | 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 |
| 1197 | Extracts, flavouring, liquid | | 3 | F1 | I/II/III | Rule for collective entries |

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|--------|--|--|--------------|------------------------------------|-----------------------------|---|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 1198 | Formaldehyde solution | 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, light | extra light | 3 | F1 | III | Mixture of hydrocarbons |
| 1202 | Heating oil, light | complying with EN 590:1993 or with a flashpoint not more than 100°C | 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 | Hexaldehyde | n-Hexaldehyde | 3 | F1 | III | Mixture of hydrocarbons |
| 1208 | Hexanes | pure isomers and isomeric mixture | 3 | F1 | II | Mixture of hydrocarbons |
| 1210 | Printing ink or Printing ink related material | flammable, including printing ink thinning or reducing compound | 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 |
| 1233 | Methylamyl acetate | | 3 | F1 | III | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 1235 | Methylamine, aqueous solution | | 3 | FC | II | Mixture of hydrocarbons and |

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| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| | | | | | | wetting solution |
| 1237 | Methyl butyrate | | 3 | F1 | II | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 1247 | Methyl methacrylate monomer, stabilized | | 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 | Paint or Paint related material | including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base or including paint thinning and reducing compound | 3 | F1 | I/II/III | Rule for collective entries |
| 1265 | Pentanes | n-Pentane | 3 | F1 | II | Mixture of hydrocarbons |
| 1266 | Perfumery products | with flammable solvents | 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 | Petroleum distillates, n.o.s. or Petroleum products, n.o.s. | | 3 | F1 | I/II/III | Rule for collective entries |
| 1274 | n-Propanol | | 3 | F1 | II/III | Acetic acid |
| 1275 | Propionaldehyde | | 3 | F1 | II | Mixture of hydrocarbons |
| 1276 | n-Propyl acetate | | 3 | F1 | II | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 1277 | Propylamine | n-Propylamine | 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 | | 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 |
| 1297 | Trimethylamine, aqueous solution | not more than 50% trimethylamine, by mass | 3 | FC | I/II/III | Mixture of hydrocarbons and wetting solution |
| 1301 | Vinyl acetate, stabilized | | 3 | F1 | II | n-Butyl acetate/ n-butyl acetate-saturated |

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| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| | | | | | | 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 | 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 | 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 |
| 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. | flashpoint more than 61°C | 8 | C9 | I/II/III | Rule for collective entries |
| 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 | 8 | C1 | II | Water |

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| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| | | not more than 50% fluoroboric acid | | | | |
| 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 and wetting solution * |
| 1791 | Hypochlorite solution | aqueous solution | 8 | C9 | II/III | Nitric 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 | 8 | C3 | II | Water |
| 1805 | Phosphoric acid, solution | | 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 |
| 1866 | Resin solution | 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 |
| 1908 | Chlorite solution | aqueous solution | 8 | C9 | II/III | Acetic acid |

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|--------|---|--|--------------|-------------------------------|-----------------------------|---|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 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 | | 3 | F1 | II | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 1919 | Methyl acrylate, 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. | 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 | with not less than 20% but not more than 60% hydrogen peroxide, stabilized as necessary | 5.1 | OC1 | II | Nitric acid |
| 2022 | Cresylic acid | liquid mixture containing cresols, xylenols and methyl phenols | 6.1 | TC1 | II | Acetic acid |
| 2030 | Hydrazine 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 |
| 2045 | Isobutyraldehyde | | 3 | F1 | II | Mixture of hydrocarbons |
| 2050 | Diisobutylene isomeric compounds | | 3 | F1 | II | Mixture of hydrocarbons |

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| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 2053 | Methyl isobutyl carbinol | | 3 | F1 | III | Acetic acid |
| 2054 | Morpholine | | 3 | CF1 | I | Mixture of hydrocarbons |
| 2057 | Tripropylene | | 3 | F1 | II/III | Mixture of hydrocarbons |
| 2058 | Valeraldehyde | 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, anhydrous, stabilized | | 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 solution | aqueous solution with 37% Form-aldehyde, methanol content: 8-10% | 8 | C9 | III | Acetic acid |
| 2209 | Formaldehyde solution | aqueous solution, with not less than 25% formaldehyde | 8 | C9 | III | Water |
| 2218 | Acrylic acid, stabilized | | 8 | CF1 | II | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 2227 | n-Butyl methacrylate, stabilized | | 3 | F1 | III | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 2235 | Chlorobenzyl chloride, liquid | para-Chlorobenzyl chloride | 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 and wetting solution |
| 2259 | Triethylenetetramine | | 8 | C7 | II | Water |
| 2260 | Tripopylamine | | 3 | FC | III | Mixture of hydrocarbons and wetting solution |
| 2263 | Dimethylcyclohexanes | pure isomers and isomeric mixture | 3 | F1 | II | Mixture of hydrocarbons |

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| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 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, aqueous solution | with not less than 50% but not more than 70% ethylamine, flashpoint 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, stabilized | | 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, stabilized | | 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 | Methylcyclohexanone | 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, liquid | | 8 | C1 | II | Water |
| 2309 | Octadiene | | 3 | F1 | II | Mixture of hydrocarbons |
| 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 |

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| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 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 | | 3 | F1 | III | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 2357 | Cyclohexylamine | flashpoint between 23°C and 61°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 | | 3 | FT1 | II | Mixture of hydrocarbons |
| 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 |

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|---|------------------|--------------|------------------------------------|-----------------------------|---|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| | | | | | | 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, aqueous solution | | 5.1 | O1 | II/III | Water |
| 2428 | Sodium chlorate, aqueous solution | | 5.1 | O1 | II/III | Water |
| 2429 | Calcium chlorate, aqueous solution | | 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 solution | 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, stabilized | | 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, stabilized | | 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 |
| 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 |

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|---|---|--------------|------------------------------------|-----------------------------|--|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 2571 | Alkylsulphuric acids | | 8 | C3 | II | Rule for collective entries |
| 2580 | Aluminium bromide solution | aqueous solution | 8 | C1 | III | Water |
| 2581 | Aluminium chloride solution | aqueous solution | 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 | 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 | 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 | 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 | 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 | 8 | C1 | III | Water |
| | | | | | | |
| 2586 | para-Toluene sulphonic acid | with not more than 5% free sulphuric acid, liquid | 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 | 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 | Methallyl alcohol | | 3 | F1 | III | Acetic acid |
| 2617 | Methylcyclohexanols | pure isomers and isomeric mixture, flashpoint between 23°C and 61°C | 3 | F1 | III | Acetic acid |
| 2619 | Benzyl dimethylamine | | 8 | CF1 | II | Mixture of hydrocarbons and wetting solution |
| 2620 | Amyl butyrates | pure isomers and isomeric mixture, | 3 | F1 | III | n-Butyl acetate/ n-butyl acetate-saturated |

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|--|---|--------------|------------------------------------|-----------------------------|---|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| | | flashpoint between 23°C and 61°C | | | | wetting solution |
| 2622 | Glycidaldehyde | flashpoint below 23° C | 3 | FT1 | II | Mixture of hydrocarbons |
| 2626 | Chloric acid, aqueous solution | with not more than 10% chloric acid | 5.1 | O1 | II | Nitric 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. | inorganic | 8 | C1 | III | Water |
| 2707 | Dimethyldioxanes | pure isomers and isomeric mixture | 3 | F1 | II/III | Mixture of hydrocarbons |
| 2733 | Amines, flammable, corrosive, n.o.s. or Polyamines, flammable, corrosive, n.o.s. | | 3 | FC | I/II/III | Mixture of hydrocarbons and wetting solution |
| 2734 | Di-sec-butylamine | | 8 | CF1 | II | Mixture of hydrocarbons |
| 2734 | Amines, liquid, corrosive, flammable, n.o.s. or Polyamines, liquid, corrosive, flammable, n.o.s. | | 8 | CF1 | I/II | Mixture of hydrocarbons and wetting solution |
| 2735 | Amines, liquid, corrosive, n.o.s. or Polyamines, liquid, corrosive, 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 | 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 | Potassium/Sodium hydroxide, aqueous solution | 8 | C5 | II | Water |

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|---|--|--------------|------------------------------------|-----------------------------|---|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 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 monohexyl 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 | 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 | Caproic acid | n-Caproic acid | 8 | C3 | III | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 2837 | Bisulphates, aqueous solution | | 8 | C1 | II/III | Water |
| 2838 | Vinyl butyrate, stabilized | | 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 | Dibutylaminoethanol | N,N-Di-n- butylaminoethanol | 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 | n-Butylacetate/n- Butylacetate-saturated wetting 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, mixture of sodium and potassium cresolate, | 8 | CT1 | II | Acetic acid |
| 2922 | Phenol | aqueous alkaline solution, mixture of sodium and potassium | 8 | CT1 | II | Acetic acid |

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|--|---|--------------|------------------------------------|-----------------------------|--|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| | | phenolate | | | | |
| 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. | 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 |
| 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 | with not less than 8% but less than 20% hydrogen peroxide, stabilized as necessary | 5.1 | O1 | III | Nitric 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 or Paint related material | 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 | | 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 |

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|--|---|--------------|------------------------------------|-----------------------------|--|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 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 |
| 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 |

| 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) |
| 3082 | Environmentally hazardous substance, liquid, n.o.s. | | 9 | M6 | III | Rule for collective entries |
| 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, Type B, C, D, E or F, liquid or Organic Peroxide, Type B, C, D, E or F, liquid, temperature controlled | | 5.2 | P1 | | n-Butyl acetate/ n-butyl acetate-saturated wetting solution and mixture of hydrocarbons and nitric acid** |
| <p>** 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.</p> | | | | | | |
| 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 | 5.1 | OC1 | II | Wetting solution and nitric acid |
| 3210 | Chlorates, inorganic, aqueous solution, n.o.s. | | 5.1 | O1 | II/III | Water |
| 3211 | Perchlorates, inorganic, aqueous solution, n.o.s. | | 5.1 | O1 | II/III | Water |
| 3213 | Bromates, inorganic, aqueous solution, n.o.s. | | 5.1 | O1 | II/III | Water |
| 3214 | Permanganates, inorganic, aqueous solution, n.o.s. | | 5.1 | O1 | II | Water |
| 3216 | Persulphates, inorganic, aqueous solution, n.o.s. | | 5.1 | O1 | III | Wetting solution |
| 3218 | Nitrates, inorganic, aqueous solution, n.o.s. | | 5.1 | O1 | II/III | Water |
| 3219 | Nitrites, inorganic, aqueous solution, n.o.s. | | 5.1 | O1 | II/III | Water |
| 3264 | Cupric chloride | 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. | 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 |

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|---|---|--------------|------------------------------------|-----------------------------|---|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 3265 | Methoxyacetic acid | | 8 | C3 | I | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 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. | 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, slightly corrosive | 8 | C5 | III | Acetic acid |
| 3266 | Corrosive liquid, basic, inorganic, 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. | 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 |

| UN No. | Name and description or technical name 3.1.2 | | Class 2.2 | Classifi- cation Code 2.2 | Packing group 2.1.1.3 | Standard liquid |
|--------|---|--|--------------|------------------------------------|-----------------------------|---|
| (1) | (2a) | (2b) | (3a) | (3b) | (4) | (5) |
| 3272 | Isobutyl isovalerate | | 3 | F1 | III | n-Butyl acetate/ n-butyl acetate-saturated wetting solution |
| 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. | | 3 | F1 | II/III | Rule for collective entries |
| 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. | liquid | 6.2 | I3 | II | Water |
| 3293 | Hydrazine, aqueous solution | with not more than 37% hydrazine, by mass | 6.1 | T4 | III | Water |
| 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 | iso-Decanes | isomeric mixture, flashpoint between 23°C and 61°C | 3 | F1 | III | Mixture of hydrocarbons |
| 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 | 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 |