

Appendix 1

LIST OF DANGEROUS GOODS WITH THEIR UNITED NATIONS NUMBER, DANGEROUS GOODS CLASS AND TOPS COMMODITY CODE

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This list, applicable to freight train carriage, is for reference purposes only. It must not be used to allocate United Nations numbers, dangerous goods classifications, subsidiary risks or packing groups. More than one class or packing group is shown against some substances and in these instances the actual class or packing group, which should be declared by the consignor, will depend upon the properties of the actual substances consigned.

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1001	Acetylene, dissolved	2.1			550
1002	Air, compressed	2.2			550
1003	Air, refrigerated liquid	2.2	5.1		542
1005	Ammonia, anhydrous	2.3	8		545
1006	Argon, compressed	2.2			550
1008	Boron trifluoride	2.3	8		550
1009	Bromotrifluoromethane (R 13B1)	2.2			547
1010	Butadienes, stabilized	2.1			550
1011	Butane	2.1			704
1012	Butylene	2.1			706
1013	Carbon dioxide	2.2			540
1014	Carbon dioxide and oxygen mixture, compressed	2.2	5.1		550
1015	Carbon dioxide and nitrous oxide mixture	2.2			550
1016	Carbon monoxide, compressed	2.3	2.1		550
1017	Chlorine	2.3	8		546
1018	Chlorodifluoromethane (R 22)	2.2			547
1020	Chloropentafluoroethane (R 115)	2.2			547
1021	1-Chloro-1,2,2,2-tetrafluoroethane (R 124)	2.2			547
1022	Chlorotrifluoromethane (R 13)	2.2			547
1023	Coal gas, compressed	2.3	2.1		550
1026	Cyanogen	2.3	2.1		550
1027	Cyclopropane	2.1			706
1028	Dichlorodifluoromethane (R 12)	2.2			547
1029	Dichloromonofluoromethane (R 21)	2.2			547
1030	1,1-Difluoroethane (R 152a)	2.1			550
1032	Dimethylamine, anhydrous	2.1			550
1033	Dimethyl ether	2.1			550
1035	Ethane	2.1			550
1036	Ethylamine	2.1			550
1037	Ethyl chloride	2.1			550
1038	Ethylene, refrigerated liquid	2.1			542
1039	Ethyl methyl ether	2.1			550
1040	Ethylene oxide or ethylene oxide with nitrogen	2.3	2.1		550
1041	Ethylene oxide and carbon dioxide mixture	2.1			550
1043	Fertilizer ammoniating solution with free ammonia	2.2			550

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1044	Fire extinguishers with compressed or liquefied gas	2.2			550
1045	Fluorine, compressed	2.3	5.1, 8		550
1046	Helium, compressed	2.2			550
1048	Hydrogen bromide, anhydrous	2.3	8		550
1049	Hydrogen, compressed	2.1			550
1050	Hydrogen chloride, anhydrous	2.3	8		550
1051	Hydrogen cyanide, stabilized	6.1	3	I	553
1052	Hydrogen fluoride, anhydrous	8	6.1	I	550
1053	Hydrogen sulphide	2.3	2.1		550
1055	Isobutylene	2.1			706
1056	Krypton	2.2			550
1057	Lighters or lighter refills (cigarettes), containing flammable gas	2.1			550
1058	Liquefied gases, non-flammable, charged with nitrogen, carbon dioxide or air	2.2			550
1060	Methylacetylene and propadiene mixture, stabilized	2.1			550
1061	Methylamine, anhydrous	2.1			550
1062	Methyl bromide with not more than 2% chloropicrin	2.3			550
1063	Methyl chloride (R 40)	2.1			550
1064	Methylmercaptan	2.3	2.1		550
1065	Neon, compressed	2.2			550
1066	Nitrogen, compressed	2.2			550
1067	Dinitrogen tetroxide (Nitrogen dioxide)	2.3	5.1, 8		550
1069	Nitrosyl chloride	2.3	8		550
1070	Nitrous oxide	2.2	5.1		550
1071	Oil gas, compressed	2.3	2.1		550
1072	Oxygen, compressed	2.2	5.1		550
1073	Oxygen, refrigerated liquid	2.2	5.1		539
1075	Petroleum gases, liquefied	2.1			706
1076	Phosgene	2.3	8		550
1077	Propylene	2.1			549
1078	Refrigerant gas	2.2			547
1079	Sulphur dioxide	2.3	8		550
1080	Sulphur hexafluoride	2.2			550
1081	Tetrafluoroethylene, stabilized	2.1			550
1082	Trifluorochloroethylene, stabilized	2.3	2.1		547
1083	Trimethylamine, anhydrous	2.1			550
1085	Vinyl bromide, stabilized	2.1			550
1086	Vinyl chloride, stabilized	2.1			548
1087	Vinyl methyl ether, stabilized	2.1			550
1088	Acetal	3		II	529
1089	Acetaldehyde	3		I	529
1090	Acetone	3		II	529
1091	Acetone oils	3		II	529
1092	Acrolein, stabilized	6.1	3	I	522
1093	Acrylonitrile, stabilized	3	6.1	I	517
1098	Allyl alcohol	6.1	3	I	528
1099	Allyl bromide	3	6.1	I	576
1100	Allyl chloride	3	6.1	I	576
1104	Amyl acetates	3		III	530
1105	Pentanols	3		II, III	526, 527
1106	Amylamine	3	8	II, III	529, 530
1107	Amyl chloride	3		II	576

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1108	1-Pentene (n-Amylene)	3		I	596
1109	Amyl formates	3		III	530
1110	n-Amyl methyl ketone	3		III	530
1111	Amyl mercaptan	3		II	596
1112	Amyl nitrate	3		III	597
1113	Amyl nitrite	3		II	596
1114	Benzene	3		II	529
1120	Butanols	3		II, III	526, 527
1123	Butyl acetates	3		II, III	529, 530
1125	Butylamine, normal	3	8	II	520
1126	1-Bromobutane	3		II	576
1127	Chlorobutanes	3		II	576
1128	n-Butyl formate	3		II	529
1129	Butyraldehyde	3		II	520
1130	Camphor oil	3		III	597
1131	Carbon disulphide	3	6.1	I	529
1133	Adhesives containing flammable liquid	3		I, II, III	596, 597
1134	Chlorobenzene	3		III	576
1135	Ethylene chlorohydrin	6.1	3	I	531
1136	Coal tar distillates	3		II, III	502, 503
1139	Coating solution	3		I, II, III	505, 506
1143	Crotonaldehyde, stabilized	6.1	3	I	598
1144	Crotonylene	3		I	596
1145	Cyclohexane	3		II	568
1146	Cyclopentane	3		II	596
1147	Decahydronaphthalene	3		III	597
1148	Diacetone alcohol	3		II, III	526, 527
1149	Dibutyl ethers	3		III	530
1150	1,2-Dichloroethylene	3		II	576
1152	Dichloropentanes	3		III	576
1153	Ethylene glycol diethyl ether	3		II, III	529, 530
1154	Diethylamine	3	8	II	520
1155	Diethyl ether (Ethyl ether)	3		I	529
1156	Diethyl ketone	3		II	529
1157	Diisobutyl ketone	3		III	530
1158	Diisopropylamine	3	8	II	520
1159	Diisopropyl ether	3		II	529
1160	Dimethylamine, aqueous solution	3	8	II	520
1161	Dimethyl carbonate	3		II	596
1162	Dimethyldichlorosilane	3	8	II	522
1163	Dimethylhydrazine, unsymmetrical	6.1	3	I	598
1164	Dimethyl sulphide	3		II	529
1165	Dioxane	3		II	529
1166	Dioxolane	3		II	529
1167	Divinyl ether, stabilized	3		I	596
1169	Extracts, aromatic, liquid	3		I, II, III	596, 597
1170	Ethanol (Ethyl alcohol or its solutions)	3		II, III	526, 527
1171	Ethylene glycol monoethyl ether	3		III	530
1172	Ethylene glycol monoethyl ether acetate	3		III	530
1173	Ethyl acetate	3		II	529
1175	Ethylbenzene	3		II	529
1176	Ethyl borate	3		II	596
1177	2-Ethylbutyl acetate	3		III	530
1178	2-Ethylbutyraldehyde	3		II	596
1179	Ethyl butyl ether	3		II	529
1180	Ethyl butyrate	3		III	530

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1181	Ethyl chloroacetate	6.1	3	II	531
1182	Ethyl chloroformate	6.1	3, 8	I	598
1183	Ethyldichlorosilane	4.3	3, 8	I	522
1184	Ethylene dichloride	3	6.1	II	576
1185	Ethyleneimine, stabilized	6.1	3	I	598
1188	Ethylene glycol monomethyl ether	3		III	530
1189	Ethylene glycol monomethyl ether acetate	3		III	530
1190	Ethyl formate	3		II	529
1191	Octyl aldehydes	3		III	597
1192	Ethyl lactate	3		III	530
1193	Ethyl methyl ketone (Methyl ethyl ketone)	3		II	529
1194	Ethyl nitrite solution	3	6.1	I	596
1195	Ethyl propionate	3		II	529
1196	Ethyltrichlorosilane	3	8	II	520
1197	Extracts, flavouring, liquid, flammable	3		I, II, III	596, 597
1198	Formaldehyde solution, flammable	3	8	III	597
1199	Furaldehydes	6.1	3	II	598
1201	Fusel oil	3		II, III	526, 527
1202	Diesel fuel or gas oil or heating oil (light)	3		III	721 or 724
1203	Motor spirit or gasoline or petrol	3		II	716 or 719
1204	Nitroglycerin solution in alcohol	3		II	596
1206	Heptanes	3		II	529
1207	Hexaldehyde	3		III	521
1208	Hexanes	3		II	529
1210	Printing ink or related material, flammable	3		I, II, III	596, 597
1212	Isobutanol (Isobutyl alcohol)	3		III	527
1213	Isobutyl acetate	3		II	529
1214	Isobutylamine	3	8	II	520
1216	Iso-octene	3		II	529
1218	Isoprene, stabilized	3		I	520
1219	Isopropanol (Isopropyl alcohol)	3		II	526
1220	Isopropyl acetate	3		II	529
1221	Isopropylamine	3	8	I	520
1222	Isopropyl nitrate	3		II	596
1223	Kerosene	3		III	712, 713, 718
1224	Ketones, liquid	3		II, III	529, 530
1228	Mercaptans or mercaptan mixture, liquid	3	6.1	II, III	596, 597
1229	Mesityl oxide	3		III	530
1230	Methanol	3	6.1	II	577
1231	Methyl acetate	3		II	529
1233	Methylamyl acetate	3		III	530
1234	Methylal	3		II	529
1235	Methylamine, aqueous solution	3	8	II	520
1237	Methyl butyrate	3		II	529
1238	Methyl chloroformate	6.1	3, 8	I	598
1239	Methyl chloromethyl ether	6.1	3	I	598
1242	Methyldichlorosilane	4.3	3, 8	I	522
1243	Methyl formate	3		I	529
1244	Methylhydrazine	6.1	3, 8	I	598
1245	Methyl isobutyl ketone	3		II	529
1246	Methyl isopropenyl ketone, stabilized	3		II	529

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1247	Methyl methacrylate monomer, stabilized	3		II	520
1248	Methyl propionate	3		II	529
1249	Methyl propyl ketone	3		II	529
1250	Methyltrichlorosilane	3	8	I	520
1251	Methyl vinyl ketone, stabilized	6.1	3, 8	I	531
1259	Nickel carbonyl	6.1	3	I	598
1261	Nitromethane	3		II	530
1262	Octanes	3		II	529
1263	Paint or Paint related material	3		I, II, III	505, 506
1264	Paraldehyde	3		III	597
1265	Pentanes, liquid	3		I, II	529
1266	Perfumery products with flammable solvents	3		I, II, III	596 or 597
1267	Petroleum crude oil	3		I, II, III	730, 731
1268	Petroleum distillates or petroleum products	3		I, II, III	708, 709, 735, 736 or 734ø
1272	Pine oil	3		III	597
1274	n-Propanol (Propyl alcohol, normal)	3		II, III	526, 527
1275	Propionaldehyde	3		II	520
1276	n-Propyl acetate	3		II	529
1277	Propylamine	3	8	II	520
1278	1-Chloropropane	3		II	576
1279	1,2-Dichloropropane	3		II	576
1280	Propylene oxide	3		I	578
1281	Propyl formates	3		II	529
1282	Pyridine	3		II	529
1286	Rosin oil	3		I, II, III	520, 521
1287	Rubber solution	3		I, II, III	520, 521
1288	Shale oil	3		II, III	730, 731
1289	Sodium methylate solution in alcohol	3	8	II, III	526, 527
1292	Tetraethyl silicate	3		III	597
1293	Tinctures, medicinal	3		II, III	514
1294	Toluene	3		II	529
1295	Trichlorosilane	4.3	3, 8	I	598
1296	Triethylamine	3	8	II	520
1297	Trimethylamine, aqueous solution	3	8	I, II, III	520, 527
1298	Trimethylchlorosilane	3	8	II	520
1299	Turpentine	3		III	530
1300	Turpentine substitute	3		II, III	714
1301	Vinyl acetate, stabilized	3		II	520
1302	Vinyl ethyl ether, stabilized	3		I	520
1303	Vinylidene chloride, stabilized	3		I	520
1304	Vinyl isobutyl ether, stabilized	3		II	520
1305	Vinyltrichlorosilane	3	8	II	520
1306	Wood preservatives, liquid, flammable	3		II, III	502, 503
1307	Xylenes	3		II, III	529, 530, 735 or 736
1308	Zirconium suspended in a flammable liquid	3		I, II, III	596, 597
1309	Aluminium powder, coated	4.1		II, III	598
1310	Ammonium picrate, wetted	4.1		I	598
1312	Borneol	4.1		III	528
1313	Calcium resinate	4.1		III	507
1314	Calcium resinate, fused	4.1		III	507
1318	Cobalt resinate, precipitated	4.1		III	507

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1320	Dinitrophenol, wetted	4.1	6.1	I	598
1321	Dinitrophenolates, wetted	4.1	6.1	I	598
1322	Dinitroresorcinol, wetted	4.1		I	598
1323	Ferrocium	4.1		II	598
1324	Films, nitrocellulose base, gelatin coated (scrap excluded)	4.1		III	598
1325	Flammable solid, organic	4.1		II, III	598
1326	Hafnium powder, wetted	4.1		II	598
§1327	Hay, straw or bhusa	-			595
1328	Hexamethylenetetramine	4.1		III	598
1330	Manganese resinate	4.1		III	507
1331	Matches, "strike anywhere"	4.1		III	598
1332	Metaldehyde	4.1		III	598
1333	Cerium	4.1		II	598
1334	Naphthalene, crude or refined	4.1		III	598
1336	Nitroguanidine (Picrite), wetted	4.1		I	598
1337	Nitrostarch, wetted	4.1		I	598
1338	Phosphorus, amorphous	4.1		III	598
1339	Phosphorus heptasulphide	4.1		II	598
1340	Phosphorus pentasulphide	4.3	4.1	II	598
1341	Phosphorus sesquisulphide	4.1		II	598
1343	Phosphorus trisulphide	4.1		II	598
1344	Trinitrophenol, wetted	4.1		I	598
1345	Rubber scrap or Rubber shoddy	4.1		II	598
1346	Silicon powder, amorphous	4.1		III	598
1347	Silver picrate, wetted	4.1		I	598
1348	Sodium dinitro-ortho-o-cresolate, wetted	4.1	6.1	I	598
1349	Sodium picramate, wetted	4.1		I	598
1350	Sulphur	4.1		III	598
1352	Titanium powder, wetted	4.1		II	598
1353	Fibres or fabrics impregnated with weakly nitrated nitrocellulose	4.1		III	598
1354	Trinitrobenzene, wetted	4.1		I	598
1355	Trinitrobenzoic acid, wetted	4.1		I	598
1356	Trinitrotoluene (TNT), wetted	4.1		I	598
1357	Urea nitrate, wetted	4.1		I	598
1358	Zirconium powders, wetted	4.1		II	598
1360	Calcium phosphide	4.3	6.1	I	594
1361	Carbon, animal or vegetable origin	4.2		II, III	587
1362	Carbon, activated	4.2		III	587
1363	Copra	4.2		III	598
1364	Cotton waste, oily	4.2		III	598
1365	Cotton, wet	4.2		III	598
1366	Diethylzinc	4.2	4.3	I	594
1369	p-Nitrosodimethylaniline	4.2		II	598
1370	Dimethylzinc	4.2	4.3	II	594
§1372	Fibres, animal or fibres, vegetable burnt, wet or damp	-			595
1373	Fibres or fabrics, animal or vegetable or synthetic, with oil	4.2		III	598
1374	Fish meal (Fish scrap), unstabilized	4.2		II	598
1376	Iron oxide, spent, or iron sponge, spent	4.2		III	598
1378	Metal catalyst, wetted	4.2		II	598
1379	Paper, unsaturated oil treated, incompletely dried (includes carbon paper)	4.2		III	598

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS Commodity Code
1380	Pentaborane	4.2	6.1	I	598
1381	Phosphorus, white or yellow	4.2	6.1	I	583
1382	Potassium sulphide, anhydrous	4.2		II	594
1383	Pyrophoric metal or alloy	4.2		I	598
1384	Sodium dithionite (Sodium hydrosulphite)	4.2		II	594
1385	Sodium sulphide, anhydrous	4.2		II	594
1386	Seed cake	4.2		III	598
§1387	Wool waste, wet	-			595
1389	Alkali metal amalgam, liquid	4.3		I	598
1390	Alkali metal amides	4.3		II	594
1391	Alkali metal or alkaline earth metal dispersion	4.3		I	598
1392	Alkaline earth metal amalgam, liquid	4.3		I	598
1393	Alkaline earth metal alloy	4.3		II	598
1394	Aluminium carbide	4.3		II	594
1395	Aluminium ferrosilicon powder	4.3	6.1	II	594
1396	Aluminium powder, uncoated	4.3		II, III	598
1397	Aluminium phosphide	4.3	6.1	I	594
1398	Aluminium silicon powder, uncoated	4.3		III	594
1400	Barium	4.3		II	598
1401	Calcium	4.3		II	598
1402	Calcium carbide	4.3		I, II	594
1403	Calcium cyanamide	4.3		III	594
1404	Calcium hydride	4.3		I	594
1405	Calcium silicide	4.3		II, III	594
1407	Caesium	4.3		I	598
1408	Ferrosilicon	4.3	6.1	III	598
1409	Metal hydrides, water-reactive	4.3		I, II	594
1410	Lithium aluminium hydride	4.3		I	594
1411	Lithium aluminium hydride, ethereal	4.3	3	I	594
1413	Lithium borohydride	4.3		I	594
1414	Lithium hydride	4.3		I	594
1415	Lithium	4.3		I	598
1417	Lithium silicon	4.3		II	594
1418	Magnesium or magnesium alloys, powder	4.3	4.2	I, II, III	598
1419	Magnesium aluminium phosphide	4.3	6.1	I	594
1420	Potassium metal alloys, liquid	4.3		I	598
1421	Alkali metal alloy, liquid	4.3		I	598
1422	Potassium sodium alloys, liquid	4.3		I	598
1423	Rubidium	4.3		I	598
1426	Sodium borohydride	4.3		I	594
1427	Sodium hydride	4.3		I	594
1428	Sodium	4.3		I	598
1431	Sodium methylate	4.2	8	II	594
1432	Sodium phosphide	4.3	6.1	I	594
1433	Stannic phosphides	4.3	6.1	I	594
1435	Zinc ashes	4.3		III	598
1436	Zinc, powder or dust	4.3	4.2	I, II, III	598
1437	Zirconium hydride	4.1		II	594
1438	Aluminium nitrate	5.1		III	594
1439	Ammonium dichromate	5.1		II	598
1442	Ammonium perchlorate	5.1		II	598
1444	Ammonium persulphate	5.1		III	598
1445	Barium chlorate, solid	5.1	6.1	II	594
1446	Barium nitrate	5.1	6.1	II	594

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1447	Barium perchlorate, solid	5.1	6.1	II	594
1448	Barium permanganate	5.1	6.1	II	594
1449	Barium peroxide	5.1	6.1	II	594
1450	Bromates, inorganic	5.1		II	594
1451	Caesium nitrate	5.1		III	594
1452	Calcium chlorate	5.1		II	594
1453	Calcium chlorite	5.1		II	594
1454	Calcium nitrate	5.1		III	594
1455	Calcium perchlorate	5.1		II	594
1456	Calcium permanganate	5.1		II	594
1457	Calcium peroxide	5.1		II	594
1458	Chlorate and borate mixture	5.1		II, III	594
1459	Chlorate and magnesium chloride mixture, solid	5.1		II, III	594
1461	Chlorates, inorganic	5.1		II	594
1462	Chlorites, inorganic	5.1		II	594
1463	Chromium trioxide, anhydrous	5.1	8	II	594
1465	Didymium nitrate	5.1		III	594
1466	Ferric nitrate	5.1		III	594
1467	Guanidine nitrate	5.1		III	594
1469	Lead nitrate	5.1	6.1	II	594
1470	Lead perchlorate, solid	5.1	6.1	II	594
1471	Lithium hypochlorite, dry or mixture	5.1		II	594
1472	Lithium peroxide	5.1		II	594
1473	Magnesium bromate	5.1		II	594
1474	Magnesium nitrate	5.1		III	594
1475	Magnesium perchlorate	5.1		II	594
1476	Magnesium peroxide	5.1		II	594
1477	Nitrates, inorganic	5.1		II, III	594
1479	Oxidizing solid	5.1		I, II, III	598
1481	Perchlorates, inorganic	5.1		II, III	594
1482	Permanganates, inorganic	5.1		II, III	594
1483	Peroxides, inorganic	5.1		II, III	594
1484	Potassium bromate	5.1		II	594
1485	Potassium chlorate	5.1		II	594
1486	Potassium nitrate	5.1		III	594
1487	Potassium nitrate and sodium nitrite mixture	5.1		II	594
1488	Potassium nitrite	5.1		II	594
1489	Potassium perchlorate	5.1		II	594
1490	Potassium permanganate	5.1		II	594
1491	Potassium peroxide	5.1		I	594
1492	Potassium persulphate	5.1		III	594
1493	Silver nitrate	5.1		II	594
1494	Sodium bromate	5.1		II	594
1495	Sodium chlorate	5.1		II	579
1496	Sodium chlorite	5.1		II	594
1498	Sodium nitrate	5.1		III	594
1499	Sodium nitrate and potassium nitrate mixture	5.1		III	594
1500	Sodium nitrite	5.1	6.1	III	594
1502	Sodium perchlorate	5.1		II	594
1503	Sodium permanganate	5.1		II	594
1504	Sodium peroxide	5.1		I	594
1505	Sodium persulphate	5.1		III	594
1506	Strontium chlorate	5.1		II	594
1507	Strontium nitrate	5.1		III	594

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1508	Strontium perchlorate	5.1		II	594
1509	Strontium peroxide	5.1		II	594
1510	Tetranitromethane	5.1	6.1	I	598
1511	Urea hydrogen peroxide	5.1	8	III	598
1512	Zinc ammonium nitrite	5.1		II	594
1513	Zinc chlorate	5.1		II	594
1514	Zinc nitrate	5.1		II	594
1515	Zinc permanganate	5.1		II	594
1516	Zinc peroxide	5.1		II	594
1517	Zirconium picramate, wetted	4.1		I	594
1541	Acetone cyanohydrin, stabilized	6.1		I	522
1544	Alkaloids, toxic, or their salts, solid	6.1		I, II, III	598
1545	Allyl isothiocyanate, stabilized	6.1	3	II	598
1546	Ammonium arsenate	6.1		II	598
1547	Aniline	6.1		II	598
1548	Aniline hydrochloride	6.1		III	598
1549	Antimony compound, inorganic, solid	6.1		III	594
1550	Antimony lactate	6.1		III	594
1551	Antimony potassium tartrate	6.1		III	594
1553	Arsenic acid, liquid	6.1		I	594
1554	Arsenic acid, solid	6.1		II	594
1555	Arsenic bromide	6.1		II	594
1556	Arsenic compound, liquid	6.1		I, II, III	594
1557	Arsenic compound, solid	6.1		I, II, III	594
1558	Arsenic	6.1		II	598
1559	Arsenic pentoxide	6.1		II	594
1560	Arsenic trichloride	6.1		I	594
1561	Arsenic trioxide	6.1		II	594
1562	Arsenical dust	6.1		II	598
1564	Barium compound	6.1		II, III	594
1565	Barium cyanide	6.1		I	594
1566	Beryllium compound	6.1		II, III	594
1567	Beryllium, metal powder	6.1	4.1	II	598
1569	Bromoacetone	6.1	3	II	598
1570	Brucine	6.1		I	598
1571	Barium azide, wetted	4.1	6.1	I	594
1572	Cacodylic acid	6.1		II	594
1573	Calcium arsenate	6.1		II	594
1574	Calcium arsenate and calcium arsenite mixture, solid	6.1		II	594
1575	Calcium cyanide	6.1		I	594
1577	Chlorodinitrobenzenes, liquid	6.1		II	598
1578	Chloronitrobenzenes, solid	6.1		II	598
1579	4-Chloro-ortho-toluidine hydrochloride, solid	6.1		III	598
1580	Chloropicrin	6.1		I	598
1581	Chloropicrin and methyl bromide mixture with more than 2% chloropicrin	2.3			550
1582	Chloropicrin and methyl chloride mixture	2.3			550
1583	Chloropicrin mixture	6.1		I, II, III	598
1585	Copper acetoarsenite	6.1		II	594
1586	Copper arsenite	6.1		II	594
1587	Copper cyanide	6.1		II	594
1588	Cyanides, inorganic, solid	6.1		I, II, III	594
1589	Cyanogen chloride, stabilized	2.3	8		550
1590	Dichloroanilines, liquid	6.1		II	598

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1591	o-Dichlorobenzene	6.1		III	531
1593	Dichloromethane	6.1		III	531
1594	Diethyl sulphate	6.1		II	598
1595	Dimethyl sulphate	6.1	8	I	598
1596	Dinitroanilines	6.1		II	598
1597	Dinitrobenzenes, liquid	6.1		II, III	598
1598	Dinitro-ortho-cresol	6.1		II	598
1599	Dinitrophenol solution	6.1		II, III	598
1600	Dinitrotoluenes, molten	6.1		II	598
1601	Disinfectant, solid, toxic	6.1		I, II, III	515
1602	Dye, liquid, toxic or dye intermediate, liquid, toxic	6.1		I, II, III	598
1603	Ethyl bromoacetate	6.1	3	II	576
1604	Ethylenediamine	8	3	II	531
1605	Ethylene dibromide (1,2-Dibromoethane)	6.1		I	576
1606	Ferric arsenate	6.1		II	594
1607	Ferric arsenite	6.1		II	594
1608	Ferrous arsenate	6.1		II	594
1611	Hexaethyl tetraphosphate	6.1		II	579
1612	Hexaethyl tetraphosphate and compressed gas mixture	2.3			550
1613	Hydrocyanic acid, aqueous solution (Hydrogen cyanide, aqueous solution)	6.1	3	I	553
1614	Hydrogen cyanide, stabilized	6.1	3	I	553
1616	Lead acetate	6.1		III	594
1617	Lead arsenates	6.1		II	594
1618	Lead arsenites	6.1		II	594
1620	Lead cyanide	6.1		II	594
1621	London Purple	6.1		II	594
1622	Magnesium arsenate	6.1		II	594
1623	Mercuric arsenate	6.1		II	594
1624	Mercuric chloride	6.1		II	594
1625	Mercuric nitrate	6.1		II	594
1626	Mercuric potassium cyanide	6.1		I	594
1627	Mercurous nitrate	6.1		II	594
1629	Mercury acetate	6.1		II	594
1630	Mercury ammonium chloride	6.1		II	594
1631	Mercury benzoate	6.1		II	594
1634	Mercury bromides	6.1		II	594
1636	Mercury cyanide	6.1		II	594
1637	Mercury gluconate	6.1		II	594
1638	Mercury iodide	6.1		II	594
1639	Mercury nucleate	6.1		II	594
1640	Mercury oleate	6.1		II	594
1641	Mercury oxide	6.1		II	594
1642	Mercury oxycyanide, desensitized	6.1		II	594
1643	Mercury potassium iodide	6.1		II	594
1644	Mercury salicylate	6.1		II	594
1645	Mercury sulphate	6.1		II	594
1646	Mercury thiocyanate	6.1		II	594
1647	Methyl bromide and ethylene dibromide mixture, liquid	6.1		I	576
1648	Acetonitrile	3		II	596
1649	Motor fuel anti-knock mixture	6.1		I	566
1650	beta-Naphthylamine, solid	6.1		II	598
1651	Naphthylthiourea	6.1		II	579

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1652	Naphthylurea	6.1		II	579
1653	Nickel cyanide	6.1		II	594
1654	Nicotine	6.1		II	579
1655	Nicotine compounds or preparations thereof, solid	6.1		I, II, III	579
1656	Nicotine hydrochloride, liquid or solution	6.1		II, III	579
1657	Nicotine salicylate	6.1		II	579
1658	Nicotine sulphate solution	6.1		II, III	579
1659	Nicotine tartrate	6.1		II	579
1660	Nitric oxide, compressed	2.3	5.1, 8		550
1661	Nitroanilines	6.1		II	598
1662	Nitrobenzene	6.1		II	598
1663	Nitrophenols	6.1		III	598
1664	Nitrotoluenes, liquid	6.1		II	598
1665	Nitroxylens, liquid	6.1		II	598
1669	Pentachloroethane	6.1		II	531
1670	Perchloromethylmercaptan	6.1		I	598
1671	Phenol, solid	6.1		II	504
1672	Phenylcarbylamine chloride	6.1		I	598
1673	Phenylenediamines	6.1		III	598
1674	Phenylmercuric acetate	6.1		II	579
1677	Potassium arsenate	6.1		II	594
1678	Potassium arsenite	6.1		II	594
1679	Potassium cuprocyanide	6.1		II	594
1680	Potassium cyanide, solid	6.1		I	594
1683	Silver arsenite	6.1		II	594
1684	Silver cyanide	6.1		II	594
1685	Sodium arsenate	6.1		II	594
1686	Sodium arsenite, aqueous solution	6.1		II, III	594
1687	Sodium azide	6.1		II	594
1688	Sodium cacodylate	6.1		II	594
1689	Sodium cyanide, solid	6.1		I	594
1690	Sodium fluoride, solid	6.1		III	594
1691	Strontium arsenite	6.1		II	594
1692	Strychnine or salts thereof	6.1		I	579
1693	Tear gas substance, liquid	6.1		I, II	598
1694	Bromobenzyl cyanides, liquid	6.1		I	598
1695	Chloroacetone, stabilized	6.1	3, 8	I	598
1697	Chloroacetophenone, solid	6.1		II	598
1698	Diphenylaminechloroarsine	6.1		I	598
1699	Diphenylchloroarsine, liquid	6.1		I	598
1700	Tear-gas candles	6.1	4.1	II	598
1701	Xylyl bromide, liquid	6.1		II	576
1702	1,1,2,2-Tetrachloroethane	6.1		II	531
1704	Tetraethyl dithiopyrophosphate	6.1		II	579
1707	Thallium compounds	6.1		II	594
1708	Toluidines, liquid	6.1		II	598
1709	2,4-Toluylenediamine, solid	6.1		III	598
1710	Trichloroethylene	6.1		III	531
1711	Xylidines, liquid	6.1		II	598
1712	Zinc arsenate and zinc arsenite or mixture thereof	6.1		II	594
1713	Zinc cyanide	6.1		I	594
1714	Zinc phosphide	4.3	6.1	I	594
1715	Acetic anhydride	8	3	II	557
1716	Acetyl bromide	8		II	557

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1717	Acetyl chloride	3	8	II	596
1718	Butyl acid phosphate	8		III	557
1719	Caustic alkali liquids	8		II, III	557
1722	Allyl chloroformate	6.1	3, 8	I	598
1723	Allyl iodide	3	8	II	596
1724	Allyl trichlorosilane, stabilized	8	3	II	522
1725	Aluminium bromide, anhydrous	8		II	557
1726	Aluminium chloride, anhydrous	8		II	557
1727	Ammonium hydrogendifluoride, solid	8		II	557
1728	Amyltrichlorosilane	8		II	522
1729	Anisoyl chloride	8		II	557
1730	Antimony pentachloride, liquid	8		II	557
1731	Antimony pentachloride, solution	8		II, III	557
1732	Antimony pentafluoride	8	6.1	II	557
1733	Antimony trichloride	8		II	557
1736	Benzoyl chloride	8		I	557
1737	Benzyl bromide	6.1	8	II	598
1738	Benzyl chloride	6.1	8	II	598
1739	Benzyl chloroformate	8	8	I	557
1740	Hydrogendifluorides	8		II, III	557
1741	Boron trichloride	2.3	8		550
1742	Boron trifluoride acetic acid complex, liquid	8		II	557
1743	Boron trifluoride propionic acid complex, liquid	8		II	557
1744	Bromine or bromine solution	8	6.1	I	571
1745	Bromine pentafluoride	5.1	6.1, 8	I	598
1746	Bromine trifluoride	5.1	6.1, 8	I	598
1747	Butyltrichlorosilane	8	3	II	522
1748	Calcium hypochlorite, dry or Calcium hypochlorite mixture, dry	5.1		II, III	598
1749	Chlorine trifluoride	2.3	5.1, 8		550
1750	Chloroacetic acid, solution	6.1	8	II	557
1751	Chloroacetic acid, solid	6.1	8	II	557
1752	Chloroacetyl chloride	6.1	8	I	598
1753	Chlorophenyl trichlorosilane	8		II	522
1754	Chlorosulphonic acid	8		I	557
1755	Chromic acid solution	8		II, III	557
1756	Chromic fluoride, solid	8		II	557
1757	Chromic fluoride, solution	8		II, III	557
1758	Chromium oxychloride	8		I	557
1759	Corrosive solid	8		I, II, III	557
1760	Corrosive liquid	8		I, II, III	557
1761	Cupriethylenediamine solution	8	6.1	II, III	557
1762	Cyclohexenyltrichlorosilane	8		II	522
1763	Cyclohexyltrichlorosilane	8		II	522
1764	Dichloroacetic acid	8		II	557
1765	Dichloroacetyl chloride	8		II	557
1766	Dichlorophenyltrichlorosilane	8		II	522
1767	Diethyldichlorosilane	8	3	II	522
1768	Difluorophosphoric acid, anhydrous	8		II	557
1769	Dipenyldichlorosilane	8		II	522
1770	Diphenylmethyl bromide	8		II	557
1771	Dodecyltrichlorosilane	8		II	522
1773	Ferric chloride, anhydrous	8		III	557
1774	Fire extinguisher charges, corrosive liquid	8		II	557

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1775	Fluoroboric acid	8		II	557
1776	Fluorophosphoric acid, anhydrous	8		II	557
1777	Fluorosulphonic acid	8		I	557
1778	Fluorosilicic acid	8		II	557
1779	Formic acid	8		II	557
1780	Fumaryl chloride	8		II	557
1781	Hexadecyltrichlorosilane	8		II	522
1782	Hexafluorophosphoric acid	8		II	557
1783	Hexamethylenediamine solution	8		III	522
1784	Hexyltrichlorosilane	8		II	522
1786	Hydrofluoric acid and sulphuric acid mixture	8	6.1	I	557
1787	Hydriodic acid	8		II, III	557
1788	Hydrobromic acid	8		III	557
1789	Hydrochloric acid	8		II, III	552
1790	Hydrofluoric acid	8	6.1	I, II	557
1791	Hypochlorite solution	8		II, III	557
1792	Iodine monochloride	8		II	557
1793	Isopropyl acid phosphate	8		III	557
1794	Lead sulphate	8		II	557
1796	Nitrating acid mixture	8	5.1	I	557
1796	Nitrating acid mixture	8		II	557
1799	Nonyltrichlorosilane	8		II	522
1800	Octadecyltrichlorosilane	8		II	522
1801	Octyltrichlorosilane	8		II	522
1802	Perchloric acid, not more than 50%	8	5.1	II	557
1803	Phenolsulphonic acid, liquid	8		II	557
1804	Phenyltrichlorosilane	8		II	522
1805	Phosphoric acid solution	8		III	555
1806	Phosphorus pentachloride	8		II	557
1807	Phosphorus pentoxide	8		II	557
1808	Phosphorus tribromide	8		II	557
1809	Phosphorus trichloride	6.1	8	I	598
1810	Phosphorus oxychloride	8		II	557
1811	Potassium hydrogendifluoride solid	8	6.1	II	557
1812	Potassium fluoride, solid	6.1		III	594
1813	Potassium hydroxide, solid	8		II	557
1814	Potassium hydroxide solution	8		II, III	557
1815	Propionyl chloride	3	8	II	596
1816	Propyltrichlorosilane	8	3	II	522
1817	Pyrosulphuryl chloride	8		II	557
1818	Silicon tetrachloride	8		II	557
1819	Sodium aluminate solution	8		II, III	557
1823	Sodium hydroxide, solid	8		II	561
1824	Sodium hydroxide solution	8		II, III	560
1825	Sodium monoxide	8		II	557
1826	Nitrating acid mixture, spent	8	5.1	I	557
1827	Stannic chloride, anhydrous	8		II	557
1828	Sulphur chlorides	8		I	557
1829	Sulphur trioxide, stabilized	8		I	557
1830	Sulphuric acid with more than 51% acid	8		II	556
1831	Sulphuric acid, fuming Oleum	8	6.1	I	556
1832	Sulphuric acid, spent	8		II	556
1833	Sulphurous acid	8		II	557
1834	Sulphuryl chloride	8		I	557
1835	Tetramethylammonium hydroxide solution	8		II, III	557

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1836	Thionyl chloride	8		I	557
1837	Thiophosphoryl chloride	8		II	557
1838	Titanium tetrachloride	8		II	557
1839	Trichloroacetic acid	8		II	557
1840	Zinc chloride, solution	8		III	557
1841	Acetaldehyde ammonia	9		III	598
1843	Ammonium dinitro-ortho-creosolate, solid	6.1		II	598
§1845	Carbon dioxide, solid (Dry Ice)	-			595
1846	Carbon tetrachloride	6.1		II	531
1847	Potassium sulphide, hydrated	8		II	557
1848	Propionic acid	8		III	557
1849	Sodium sulphide, hydrated	8		II	557
1851	Medicine, liquid, toxic	6.1		II	514
1854	Barium alloys, pyrophoric	4.2		III	598
1855	Calcium or calcium alloys, pyrophoric	4.2		I	598
§1856	Rags, oily	-		I	595
§1857	Textile waste, wet	-			595
1858	Hexafluoropropylene (R 1216)	2.2			550
1859	Silicon tetrafluoride	2.3	8		550
1860	Vinyl fluoride, stabilized	2.1			550
1862	Ethyl crotonate	3		II	529
1863	Fuel, aviation, turbine engine	3		I, II, III	717, 718
1865	n-Propyl nitrate	3		II	596
1866	Resin solution	3		I, II, III	520, 521
1868	Decaborane	4.1	6.1	II	598
1869	Magnesium or magnesium alloys	4.1		III	598
1870	Potassium borohydride	4.3		I	594
1871	Titanium hydride	4.1		II	594
1872	Lead dioxide	5.1	6.1	III	594
1873	Perchloric acid, more than 50%	5.1	8	I	598
1884	Barium oxide	6.1		III	594
1885	Benzidine	6.1		II	598
1886	Benzylidene chloride	6.1		II	598
1887	Bromochloromethane	6.1		III	576
1888	Chloroform	6.1		III	531
1889	Cyanogen bromide	6.1	8	I	598
1891	Ethyl bromide (Bromoethane)	6.1		II	576
1892	Ethylidichloroarsine	6.1		I	598
1894	Phenylmercuric hydroxide	6.1		II	579
1895	Phenylmercuric nitrate	6.1		II	579
1897	Tetrachloroethylene (Perchloroethylene)	6.1		III	531
1898	Acetyl iodide	8		II	557
1902	Diisooctyl acid phosphate	8		III	557
1903	Disinfectant, liquid, corrosive	8		I, II, III	515
1905	Selenic acid	8		I	557
1906	Sludge acid	8		II	556
1907	Soda lime with more than 4% sodium hydroxide	8		III	557
1908	Chlorite solution	8		II, III	557
§1910	Calcium oxide	—			595
1911	Diborane	2.3	2.1		550
1912	Methyl chloride and methylene chloride mixture	2.1			550
1913	Neon, refrigerated liquid	2.2			542
1914	Butyl propionates	3		III	530

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1915	Cyclohexanone	3		III	521
1916	2,2'-Dichlorodiethyl ether	6.1	3	II	598
1917	Ethyl acrylate, stabilized	3		II	520
1918	Cumene	3		III	567
1919	Methyl acrylate, stabilized	3		II	520
1920	Nonanes	3		III	597
1921	Propyleneimine, stabilized	3	6.1	I	596
1922	Pyrrolidine	3	8	II	596
1923	Calcium dithionite (Calcium hydrosulphite)	4.2		II	594
1928	Methyl magnesium bromide in ethyl ether	4.3	3	I	594
1929	Potassium hydrosulphite (Potassium hydrosulphite)	4.2		II	594
1931	Zinc dithionite (Zinc hydrosulphite)	9		III	594
1932	Zirconium scrap	4.2		III	598
1935	Cyanide solution	6.1		I, II, III	598
1938	Bromoacetic acid solution	8		II, III	557
1939	Phosphorus oxybromide	8		II	557
1940	Thioglycolic acid	8		II	557
1941	Dibromodifluoromethane	9		III	576
1942	Ammonium nitrate	5.1		III	591
1944	Matches, safety	4.1		III	598
1945	Matches, wax "Vesta"	4.1		III	598
1950	Aerosols	2.1, 2.2	5.1, 6.1, 8		543, 544
1951	Argon, refrigerated liquid	2.2			542
1952	Ethylene oxide and carbon dioxide mixture	2.2			550
1953	Compressed gas, toxic, flammable	2.3	2.1		550
1954	Compressed gas, flammable,	2.1			550
1955	Compressed gas, toxic	2.3			550
1956	Compressed gas, non-flammable, non-toxic	2.2			550
1957	Deuterium, compressed	2.1			550
1958	1,2-Dichloro-1,1,2,2-tetrafluoroethane (R 114)	2.2			547
1959	1,1-Difluoroethylene (R 1132a)	2.1			550
1961	Ethane, refrigerated liquid	2.1			542
1962	Ethylene	2.1			550
1963	Helium, refrigerated liquid	2.2			542
1964	Hydrocarbon gas mixture, compressed	2.1			706
1965	Hydrocarbon gas mixture, liquefied	2.1			706
1966	Hydrogen, refrigerated liquid	2.1			542
1967	Insecticide gas, toxic	2.3			550
1968	Insecticide gas, non-toxic	2.2			550
1969	Isobutane	2.1			706
1970	Krypton, refrigerated liquid	2.2			542
1971	Methane or natural gas, compressed	2.1			737
1972	Methane or natural gas, refrigerated liquid	2.1			737
1973	Chlorodifluoromethane and chloropentafluoroethane mixture (R 502)	2.2			547
1974	Chlorodifluorobromomethane (R12B1)	2.2			547
1975	Nitric oxide and nitrogen dioxide mixture	2.3	5.1, 8		550

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1976	Octafluorocyclobutane (RC 318)	2.2			547
1977	Nitrogen, refrigerated liquid	2.2			541
1978	Propane	2.1			702
1979	Rare gases mixture, compressed	2.2			550
1980	Rare gases and oxygen mixture, compressed	2.2			550
1981	Rare gases and nitrogen mixture, compressed	2.2			550
1982	Tetrafluoromethane (R 14)	2.2			547
1983	1-Chloro-2,2,2-trifluoroethane (R 133a)	2.2			547
1984	Trifluoromethane (R 23)	2.2			547
1986	Alcohols, flammable, toxic	3	6.1	I, II, III	526, 527
1987	Alcohols	3		II, III	526, 527
1988	Aldehydes, flammable, toxic	3	6.1	I, II, III	529, 530
1989	Aldehydes	3		I, II, III	529, 530
1990	Benzaldehyde	9		III	598
1991	Chloroprene, stabilized	3	6.1	I	520
1992	Flammable liquid, toxic	3	6.1	I, II, III	596, 597
1993	Flammable liquid, non-toxic	3		I, II, III	596, 597
1994	Iron pentacarbonyl	6.1	3	I	598
1999	Tars, liquid, including road asphalt and oils, bitumen and cut-backs	3		II, III	500, 733, 735 or 736
2000	Celluloid, in block, rods, rolls, sheets, tubes, etc., except scrap excluded)	4.1		III	598
2001	Cobalt naphthenates, powder	4.1		III	507
2002	Celluloid, scrap	4.2		III	598
2004	Magnesium diamide	4.2		II	594
2005	Magnesium diphenyl	4.2	4.3	I	594
2006	Plastics, nitrocellulose-based, self-heating	4.2		III	598
2008	Zirconium powder, dry	4.2		I, II, III	598
2009	Zirconium, dry, finished sheets, strip or coiled wire	4.2		III	598
2010	Magnesium hydride	4.3		I	594
2011	Magnesium phosphide	4.3	6.1	I	594
2012	Potassium phosphide	4.3	6.1	I	594
2013	Strontium phosphide	4.3	6.1	I	594
2014	Hydrogen peroxide, aqueous solution with not less than 20% but not more than 60% hydrogen peroxide	5.1	8	II	574
2015	Hydrogen peroxide, stabilized or hydrogen peroxide, aqueous solution, stabilized with more than 60% hydrogen peroxide	5.1	8	I	574
2016	Ammunition, toxic, non-explosive	6.1		II	598
2017	Ammunition, tear-producing, non-explosive	6.1	8	II	598
2018	Chloroanilines, solid	6.1		II	598
2019	Chloroanilines, liquid	6.1		II	598
2020	Chlorophenols, solid	6.1		III	598
2021	Chlorophenols, liquid	6.1		III	598
2022	Cresylic acid	6.1	8	II	504
2023	Epichlorohydrin	6.1	3	II	531
2024	Mercury compound, liquid	6.1		I, II, III	594
2025	Mercury compound, solid	6.1		I, II, III	594
2026	Phenylmercuric compound	6.1		I, II, III	594
2027	Sodium arsenite, solid	6.1		II	594

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
2028	Bombs, smoke, non-explosive with corrosive liquid	8		II	557
2029	Hydrazine, anhydrous	8	3, 6.1	I	557
2030	Hydrazine aqueous solution, with more than 37% hydrazine	8	6.1	I, II, III	557
2031	Nitric acid	8	5.1	I	554
2031	Nitric acid	8		II	554
2032	Nitric acid, red fuming	8	5.1, 6.1	I	554
2033	Potassium monoxide	8		II	557
2034	Hydrogen and methane mixture, compressed	2.1			550
2035	1,1,1-Trifluoroethane (R 143a)	2.1			547
2036	Xenon	2.2			550
2037	Receptacles, small, containing gas (gas cartridges)	2.1, 2.2 2.3	5.1, 8		543, 544 550
2038	Dinitrotoluenes, liquid	6.1		II	598
2044	2,2-Dimethylpropane	2.1			550
2045	Isobutyraldehyde (Isobutyl aldehyde)	3		II	520
2046	Cymenes	3		III	530
2047	Dichloropropenes	3		II, III	576
2048	Dicyclopentadiene	3		III	521
2049	Diethylbenzene	3		III	597
2050	Di-isobutylene, isomeric compounds	3		II	596
2051	2-Dimethylaminoethanol	8	3	II	598
2052	Dipentene	3		II	530
2053	Methyl isobutyl carbinol	3		III	527
2054	Morpholine	8	3	I	557
2055	Styrene monomer, stabilized	3		III	569
2056	Tetrahydrofuran	3		II	529
2057	Tripropylene	3		II, III	596, 597
2058	Valeraldehyde	3		II	596
2059	Nitrocellulose solution, flammable	3		I, II, III	505, 506
2067	Ammonium nitrate based fertilizer	5.1		III	509
§2071	Ammonium nitrate based fertilizer	—			508
2073	Ammonia solution with more than 35% ammonia	2.2			573
2074	Acrylamide, solid	6.1		III	522
2075	Chloral, anhydrous, stabilized	6.1		II	598
2076	Cresols, liquid	6.1	8	II	504
2077	alpha-Naphthylamine	6.1		III	598
2078	Toluene diisocyanate	6.1		II	522
2079	Diethylenetriamine	8		II	531
2187	Carbon dioxide, refrigerated liquid	2.2			540
2188	Arsine	2.3	2.1		550
2189	Dichlorosilane	2.3	2.1, 8		550
2190	Oxygen difluoride, compressed	2.3	5.1, 8		550
2191	Sulphuryl fluoride	2.3			550
2192	Germane	2.3	2.1		550
2193	Hexafluoroethane (R 116)	2.2			550
2194	Selenium hexafluoride	2.3	8		550
2195	Tellurium hexafluoride	2.3	8		550
2196	Tungsten hexafluoride	2.3	8		550
2197	Hydrogen iodide, anhydrous	2.3	8		550
2198	Phosphorus pentafluoride	2.3	8		550
2199	Phosphine	2.3	2.1		550
2200	Propadiene, stabilized	2.1			550
2201	Nitrous oxide, refrigerated liquid	2.2	5.1		542

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
2202	Hydrogen selenide, anhydrous	2.3	2.1		550
2203	Silane	2.1			550
2204	Carbonyl sulphide	2.3	2.1		550
2205	Adiponitrile	6.1		III	522
2206	Isocyanates, toxic or isocyanate solution, toxic	6.1		II, III	522
2208	Calcium hypochlorite mixture, dry	5.1		III	594
2209	Formaldehyde solution	8		III	515
2210	Maneb or maneb preparation	4.2	4.3	III	579
2211	Polymeric beads, expandable	9		III	522
2213	Paraformaldehyde	4.1		III	598
2214	Phthalic anhydride with more than 0.05% maleic anhydride	8		III	522
2215	Maleic anhydride or maleic anhydride, molten	8		III	522
§2216	Fish meal (fish scrap), stabilized	—			595
2217	Seed cake	4.2		III	598
2218	Acrylic acid, stabilized	8	3	II	522
2219	Allyl glycidyl ether	3		III	597
2222	Anisole	3		III	530
2224	Benzonitrile	6.1		II	598
2225	Benzenesulphonyl chloride	8		III	557
2226	Benzotrichloride	8		II	557
2227	n-Butyl methacrylate, stabilized	3		III	521
2232	2-Chloroethanal	6.1		I	598
2233	Chloroanisidines	6.1		III	598
2234	Chlorobenzotrifluorides	3		III	597
2235	Chlorobenzyl chlorides, liquid	6.1		III	598
2236	3-Chloro-4-methylphenyl isocyanate, liquid	6.1		II	522
2237	Chloronitroanilines	6.1		III	598
2238	Chlorotoluenes	3		III	530
2239	Chlorotoluidines, solid	6.1		III	598
2240	Chromosulphuric acid	8		I	557
2241	Cycloheptane	3		II	596
2242	Cycloheptene	3		II	596
2243	Cyclohexyl acetate	3		III	530
2244	Cyclopentanol	3		III	530
2245	Cyclopentanone	3		III	597
2246	Cyclopentene	3		II	596
2247	n-Decane	3		III	530
2248	Di-n-butylamine	8	3	II	557
2250	Dichlorophenyl isocyanates	6.1		II	522
2251	Bicyclo[2,2,1]hepta-2,5-diene, stabilized (2,5-Norbornadiene, stabilized)	3		II	596
2252	1,2-Dimethoxyethane	3		II	529
2253	N,N-Dimethylaniline	6.1		II	598
2254	Matches, fusee	4.1		III	598
2256	Cyclohexene	3		II	596
2257	Potassium	4.3		I	598
2258	1, 2-Propylenediamine	8	3	II	557
2259	Triethylenetetramine	8		II	557
2260	Tripropylamine	3	8	III	597
2261	Xylenols, solid	6.1		II	504
2262	Dimethylcarbamoyl chloride	8		II	557
2263	Dimethylcyclohexanes	3		II	596

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
2264	N,N-Dimethylcyclohexylamine	8	3	II	557
2265	N,N-Dimethylformamide	3		III	530
2266	Dimethyl-N-propylamine	3	8	II	596
2267	Dimethyl thiophosphoryl chloride	6.1	8	II	598
2269	3,3'-Iminodipropylamine	8		III	557
2270	Ethylamine, 50-70% aqueous solution	3	8	II	596
2271	Ethyl amyl ketone	3		III	530
2272	N-Ethylaniline	6.1		III	598
2273	2-Ethylaniline	6.1		III	598
2274	N-Ethyl-N-benzylaniline	6.1		III	598
2275	2-Ethylbutanol	3		III	527
2276	2-Ethylhexylamine	3	8	III	557
2277	Ethyl methacrylate, stabilized	3		II	520
2278	n-Heptene	3		II	596
2279	Hexachlorobutadiene	6.1		III	576
2280	Hexamethylenediamine, solid	8		III	522
2281	Hexamethylene diisocyanate	6.1		II	522
2282	Hexanols	3		III	527
2283	Isobutyl methacrylate, stabilized	3		III	521
2284	Isobutyronitrile	3	6.1	II	596
2285	Isocyanatobenzotrifluorides	6.1	3	II	598
2286	Pentamethylheptane	3		III	597
2287	Isoheptene	3		II	596
2288	Isohexene	3		II	596
2289	Isophoronediamine	8		III	557
2290	Isophorone diisocyanate	6.1		III	522
2291	Lead compound, soluble	6.1		III	594
2293	4-Methoxy-4-methylpentan-2-one	3		III	530
2294	N-Methylaniline	6.1		III	598
2295	Methyl chloroacetate	6.1	3	I	531
2296	Methylcyclohexane	3		II	529
2297	Methylcyclohexanone	3		III	530
2298	Methylcyclopentane	3		II	529
2299	Methyl dichloroacetate	6.1		III	598
2300	2-Methyl-5-ethylpyridine	6.1		III	598
2301	2-Methylfuran	3		II	596
2302	5-Methylhexan-2-one	3		III	530
2303	Isopropenylbenzene	3		III	521
2304	Naphthalene, molten	4.1		III	598
2305	Nitrobenzenesulphonic acid	8		II	557
2306	Nitrobenzotrifluorides, liquid	6.1		II	598
2307	3-Nitro-4-chlorobenzotrifluoride	6.1		II	598
2308	Nitrosylsulphuric acid, liquid	8		II	557
2309	Octadienes	3		II	596
2310	Pentane-2,4-dione	3	6.1	III	530
2311	Phenetidines	6.1		III	598
2312	Phenol, molten	6.1		II	504
2313	Picolines	3		III	597
2315	Polychlorinated biphenyls, liquid	9		II	576
2316	Sodium cuprocyanide, solid	6.1		I	594
2317	Sodium cuprocyanide solution	6.1		I	594
2318	Sodium hydrosulphide	4.2		II	594
2319	Terpene hydrocarbons	3		III	530
2320	Tetraethylenepentamine	8		III	531
2321	Trichlorobenzenes, liquid	6.1		III	576
2322	Trichlorobutene	6.1		II	576
2323	Triethyl phosphite	3		III	597

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2324	Triisobutylene	3		III	736
2325	1,3,5-Trimethylbenzene	3		III	597
2326	Trimethylcyclohexylamine	8		III	557
2327	Trimethylhexamethylenediamines	8		III	522
2328	Trimethylhexamethylene diisocyanate	6.1		III	522
2329	Trimethyl phosphite	3		III	597
2330	Undecane	3		III	597
2331	Zinc chloride, anhydrous	8		III	557
2332	Acetaldehyde oxime	3		III	597
2333	Allyl acetate	3	6.1	II	596
2334	Allylamine	6.1	3	I	598
2335	Allyl ethyl ether	3	6.1	II	596
2336	Allyl formate	3	6.1	I	596
2337	Phenyl mercaptan	6.1	3	I	598
2338	Benzotrifluoride	3		II	576
2339	2-Bromobutane	3		II	576
2340	2-Bromoethyl ethyl ether	3		II	576
2341	1-Bromo-3-methylbutane	3		III	576
2342	Bromomethylpropanes	3		II	576
2343	2-Bromopentane	3		II	576
2344	Bromopropanes	3		II, III	576
2345	3-Bromopropyne	3		II	576
2346	Butanedione	3		II	596
2347	Butyl mercaptan	3		II	596
2348	Butyl acrylates, stabilized	3		III	521
2350	Butyl methyl ether	3		II	529
2351	Butyl nitrites	3		II, III	596, 597
2352	Butyl vinyl ether, stabilized	3		II	529
2353	Butyryl chloride	3	8	II	596
2354	Chloromethyl ethyl ether	3	6.1	II	529
2356	2-Chloropropane	3		I	576
2357	Cyclohexylamine	8	3	II	557
2358	Cyclooctatetraene	3		II	596
2359	Diallylamine	3	6.1, 8	II	596
2360	Diallylether	3	6.1	II	596
2361	Diisobutylamine	3	8	III	597
2362	1, 1-Dichloroethane	3		II	596
2363	Ethyl mercaptan	3		I	596
2364	n-Propylbenzene	3		III	597
2366	Diethyl carbonate	3		III	530
2367	alpha-Methyl valeraldehyde	3		II	596
2368	alpha-Pinene	3		III	530
2370	1-Hexene	3		II	596
2371	Isopentenes	3		I	596
2372	1,2-Di-(dimethylamino) ethane	3		II	596
2373	Diethoxymethane	3		II	596
2374	3,3-Diethoxypropene	3		II	596
2375	Diethyl sulphide	3		II	596
2376	2,3-Dihydropyran	3		II	596
2377	1,1-Dimethoxyethane	3		II	596
2378	2-Dimethylaminoacetone	3	6.1	II	597
2379	1,3-Dimethylbutylamine	3	8	II	596
2380	Dimethyldiethoxysilane	3		II	520
2381	Dimethyl disulphide	3		II	596
2382	Dimethylhydrazine, symmetrical	6.1	3	I	598
2383	Dipropylamine	3	8	II	596
2384	Di-n-propyl ether	3		II	596

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS Commodity Code
2385	Ethyl isobutyrate	3		II	596
2386	1-Ethylpiperidine	3	8	II	596
2387	Fluorobenzene	3		II	576
2388	Fluorotoluenes	3		II	576
2389	Furan	3		I	596
2390	2-Iodobutane	3		II	576
2391	Iodomethylpropanes	3		II	576
2392	Iodopropanes	3		III	576
2393	Isobutyl formate	3		II	596
2394	Isobutyl propionate	3		III	530
2395	Isobutyryl chloride	3	8	II	596
2396	Methacrylaldehyde, stabilized	3	6.1	II	520
2397	3-Methylbutan-2-one	3		II	529
2398	Methyl tert-butyl ether	3		II	596
2399	1-Methylpiperidine	3	8	II	596
2400	Methyl isovalerate	3		II	596
2401	Piperidine	8	3	I	598
2402	Propanethiols	3		II	596
2403	Isopropenyl acetate	3		II	596
2404	Propionitrile	3	6.1	II	529
2405	Isopropyl butyrate	3		III	530
2406	Isopropyl isobutyrate	3		II	529
2407	Isopropyl chloroformate	6.1	3, 8	I	598
2409	Isopropyl propionate	3		II	596
2410	1,2,3,6-Tetrahydropyridine	3		II	596
2411	Butyronitrile	3	6.1	II	596
2412	Tetrahydrothiophene	3		II	529
2413	Tetrapropyl orthotitanate	3		III	597
2414	Thiophene	3		II	596
2416	Trimethyl borate	3		II	529
2417	Carbonyl fluoride	2.3	8		550
2418	Sulphur tetrafluoride	2.3	8		550
2419	Bromotrifluoroethylene	2.1			547
2420	Hexafluoroacetone	2.3	8		550
2422	Octafluorobut-2-ene (R 1318)	2.2			550
2424	Octafluoropropane (R 218)	2.2			550
2426	Ammonium nitrate, liquid (hot concentrated solution)	5.1			565
2427	Potassium chlorate, aqueous solution	5.1		II, III	594
2428	Sodium chlorate, aqueous solution	5.1		II, III	594
2429	Calcium chlorate, aqueous solution	5.1		II, III	594
2430	Alkylphenols, solid	8		I, II, III	504
2431	Anisidines	6.1		III	598
2432	N, N-Diethylaniline	6.1		III	598
2433	Chloronitrotoluenes, liquid	6.1		III	598
2434	Dibenzylchlorosilane	8		II	522
2435	Ethyl phenyl dichlorosilane	8		II	522
2436	Thioacetic acid	3		II	596
2437	Methylphenyldichlorosilane	8		II	522
2438	Trimethylacetyl chloride	6.1	3, 8	I	598
2439	Sodium hydrogendifluoride	8		II	557
2440	Stannic chloride pentahydrate	8		III	557
2441	Titanium trichloride, pyrophoric or titanium trichloride mixture, pyrophoric	4.2	8	I	598
2442	Trichloroacetyl chloride	8		II	557
2443	Vanadium oxytrichloride	8		II	557
2444	Vanadium tetrachloride	8		I	557

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS Commodity Code
2445	Lithium alkyls, liquid	4.2	4.3	I	594
2446	Nitrocresols, solid	6.1		III	598
2447	Phosphorus, white, molten	4.2	6.1	I	583
2448	Sulphur, molten	4.1		III	586
2451	Nitrogen trifluoride	2.2	5.1		550
2452	Ethylacetylene, stabilized	2.1			550
2453	Ethyl fluoride (R 161)	2.1			550
2454	Methyl fluoride (R 41)	2.1			550
2456	2-Chloropropene	3		I	576
2457	2,3-Dimethylbutane	3		II	596
2458	Hexadienes	3		II	596
2459	2-Methyl-1-butene	3		I	596
2460	2-Methyl-2-butene	3		II	596
2461	Methylpentadiene	3		II	520
2463	Aluminium hydride	4.3		I	594
2464	Beryllium nitrate	5.1	6.1	II	594
2465	Dichloroisocyanuric acid dry or its salts	5.1		II	598
2466	Potassium superoxide	5.1		I	594
2468	Trichloroisocyanuric acid, dry	5.1		II	598
2469	Zinc bromate	5.1		III	594
2470	Phenylacetonitrile, liquid	6.1		III	598
2471	Osmium tetroxide	6.1		I	594
2473	Sodium arsanilate	6.1		III	594
2474	Thiophosgene	6.1		II	598
2475	Vanadium trichloride	8		III	557
2477	Methyl isothiocyanate	6.1	3	I	598
2478	Isocyanates, flammable, toxic or isocyanate solution, flammable, toxic	3	6.1	II, III	520, 521
2480	Methyl isocyanate	6.1	3	I	522
2481	Ethyl isocyanate	3	6.1	I	520
2482	n-Propyl isocyanate	6.1	3	I	522
2483	Isopropyl isocyanate	3	6.1	I	520
2484	tert-Butyl isocyanate	6.1	3	I	522
2485	n-Butyl isocyanate	6.1	3	I	522
2486	Isobutyl isocyanate	3	6.1	II	520
2487	Phenyl isocyanate	6.1	3	I	522
2488	Cyclohexyl isocyanate	6.1	3	I	522
2490	Dichloroisopropyl ether	6.1		II	531
2491	Ethanolamine or ethanolamine solution	8		III	557
2493	Hexamethyleneimine	3	8	II	596
2495	Iodine pentafluoride	5.1	6.1, 8	I	598
2496	Propionic anhydride	8		III	557
2498	1,2,3,6-Tetrahydrobenzaldehyde	3		III	597
2501	Tris-(1-aziridinyl) phosphine oxide solution	6.1		II, III	598
2502	Valeryl chloride	8	3	II	557
2503	Zirconium tetrachloride	8		III	557
2504	Tetrabromoethane	6.1		III	576
2505	Ammonium fluoride	6.1		III	594
2506	Ammonium hydrogen sulphate	8		II	557
2507	Chloroplatinic acid, solid	8		III	557
2508	Molybdenum pentachloride	8		III	557
2509	Potassium hydrogen sulphate	8		II	557
2511	2-Chloropropionic acid	8		III	557
2512	Aminophenols	6.1		III	598
2513	Bromoacetyl bromide	8		II	557
2514	Bromobenzene	3		III	530

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
2515	Bromoform	6.1		III	576
2516	Carbon tetrabromide	6.1		III	576
2517	1-Chloro-1,1-difluoroethane (R 142b)	2.1			547
2518	1,5,9-Cyclododecatriene	6.1		III	557
2520	Cyclooctadienes	3		III	597
2521	Diketene, stabilized	6.1	3	I	598
2522	2-Dimethylaminoethyl methacrylate	6.1		II	598
2524	Ethyl orthoformate	3		III	597
2525	Ethyl oxalate	6.1		III	531
2526	Furfurylamine	3	8	III	597
2527	Isobutyl acrylate, stabilized	3		III	521
2528	Isobutyl isobutyrate	3		III	597
2529	Isobutyric acid	3	8	III	597
2531	Methacrylic acid, stabilized	8		II	522
2533	Methyl trichloroacetate	6.1		III	598
2534	Methylchlorosilane	2.3	2.1, 8		550
2535	4-Methylmorpholine (N-Methylmorpholine)	3	8	II	596
2536	Methyltetrahydrofuran	3		II	529
2538	Nitronaphthalene	4.1		III	598
2541	Terpinolene	3		III	530
2542	Tributylamine	6.1		II	598
2545	Hafnium powder, dry	4.2		I, II, III	598
2546	Titanium powder, dry	4.2		I, II, III	598
2547	Sodium superoxide	5.1		I	594
2548	Chlorine pentafluoride	2.3	5.1, 8		550
2552	Hexafluoroacetone hydrate, liquid	6.1		II	598
2554	Methylallyl chloride	3		II	576
2555	Nitrocellulose with water	4.1		II	507
2556	Nitrocellulose with alcohol	4.1		II	507
2557	Nitrocellulose mixture with or without plasticizer or pigment	4.1		II	507
2558	Epibromohydrin	6.1	3	I	598
2560	2-Methylpentan-2-ol	3		III	527
2561	3-Methyl-1-butene	3		I	596
2564	Trichloroacetic acid solution	8		II, III	557
2565	Dicyclohexylamine	8		III	557
2567	Sodium pentachlorophenate	6.1		II	579
2570	Cadmium compound	6.1		I, II, III	594
2571	Alkylsulphuric acids	8		II	557
2572	Phenylhydrazine	6.1		II	598
2573	Thallium chlorate	5.1	6.1	II	594
2574	Tricresyl phosphate	6.1		II	522
2576	Phosphorus oxybromide, molten	8		II	557
2577	Phenylacetyl chloride	8		II	557
2578	Phosphorus trioxide	8		III	557
2579	Piperazine	8		III	557
2580	Aluminium bromide solution	8		III	557
2581	Aluminium chloride solution	8		III	557
2582	Ferric chloride solution	8		III	557
2583	Alkyl or aryl sulphonic acids, solid, with more than 5% free sulphuric acid	8		II	557
2584	Alkyl or aryl sulphonic acids, liquid, with more than 5% free sulphuric acid	8		II	557
2585	Alkyl or aryl sulphonic acids, solid, with not more than 5% free sulphuric acid	8		III	557

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
2586	Alkyl or aryl sulphonic acids, liquid, with not more than 5% free sulphuric acid	8		III	557
2587	Benzoquinone	6.1		II	598
2588	Pesticide, solid, toxic	6.1		I, II, III	579
2589	Vinyl chloroacetate	6.1	3	II	598
2590	White asbestos	9		III	598
2591	Xenon, refrigerated liquid	2.2			542
2599	Chlorotrifluoromethane and trifluoromethane azeotropic mixture (R 503)	2.2			547
2600	Carbon monoxide and hydrogen mixture, compressed	2.3	2.1		550
2601	Cyclobutane	2.1			706
2602	Dichlorodifluoromethane and 1,1-difluoroethane azeotropic mixture (R 500)	2.2			547
2603	Cycloheptatriene	3	6.1	II	596
2604	Boron trifluoride diethyl etherate	8	3	I	557
2605	Methoxymethyl isocyanate	3	6.1	I	520
2606	Methyl orthosilicate	6.1	3	I	598
2607	Acrolein dimer, stabilized	3		III	521
2608	Nitropropanes	3		III	597
2609	Triallyl borate	6.1		III	598
2610	Triallylamine	3	8	III	597
2611	Propylene chlorohydrin	6.1	3	II	598
2612	Methyl propyl ether	3		II	596
2614	Methallyl alcohol	3		III	527
2615	Ethyl propyl ether	3		II	596
2616	Triisopropyl borate	3		II, III	596, 597
2617	Methylcyclohexanols, flammable	3		III	527
2618	Vinyltoluenes, stabilized	3		III	597
2619	Benzyl dimethylamine	8	3	II	557
2620	Amyl butyrates	3		III	530
2621	Acetyl methyl carbinol	3		III	527
2622	Glycidaldehyde	3	6.1	II	597
2623	Firelighters, solid with flammable liquid	4.1		III	598
2624	Magnesium silicide	4.3		II	594
2626	Chloric acid, aqueous solution	5.1		II	598
2627	Nitrites, inorganic	5.1		II	594
2628	Potassium fluoroacetate	6.1		I	594
2629	Sodium fluoroacetate	6.1		I	594
2630	Selenates or selenites	6.1		I	594
2642	Fluoroacetic acid	6.1		I	598
2643	Methyl bromoacetate	6.1		II	598
2644	Methyl iodide	6.1		I	598
2645	Phenacyl bromide	6.1		II	598
2646	Hexachlorocyclopentadiene	6.1		I	576
2647	Malonitrile	6.1		II	598
2648	1,2-Dibromobutan-3-one	6.1		II	598
2649	1,3-Dichloroacetone	6.1		II	598
2650	1,1-Dichloro-1-nitroethane	6.1		II	598
2651	4,4'-Diaminodiphenylmethane	6.1		III	522
2653	Benzyl iodide	6.1		II	598
2655	Potassium fluorosilicate	6.1		III	594
2656	Quinoline	6.1		III	598
2657	Selenium disulphide	6.1		II	594
2659	Sodium chloroacetate	6.1		III	594

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
2660	Nitrotoluidines (mono)	6.1		III	598
2661	Hexachloroacetone	6.1		III	598
2662	Hydroquinone, solid	6.1		III	598
2664	Dibromomethane	6.1		III	576
2667	Butyltoluenes	6.1		III	598
2668	Chloroacetonitrile	6.1	3	II	598
2669	Chlorocresols solution	6.1		II, III	598
2670	Cyanuric chloride	8		II	557
2671	Aminopyridines	6.1		II	598
2672	Ammonia solution with more than 10% and not more than 35% ammonia	8		III	573
2673	2-Amino-4-chlorophenol	6.1		II	598
2674	Sodium fluorosilicate	6.1		III	594
2676	Stibine	2.3	2.1		550
2677	Rubidium hydroxide solution	8		II, III	557
2678	Rubidium hydroxide	8		II	557
2679	Lithium hydroxide solution	8		II, III	557
2680	Lithium hydroxide	8		II	557
2681	Caesium hydroxide solution	8		II, III	557
2682	Caesium hydroxide	8		II	557
2683	Ammonium sulphide solution	8	3, 6.1	II	557
2684	3-Diethylaminopropylamine	3	8	III	597
2685	N,N-Diethylethylene diamine	8	3	II	557
2686	2-Diethylaminoethanol	8	3	II	557
2687	Dicyclohexylammonium nitrite	4.1		III	598
2688	1-Bromo-3-chloropropane	6.1		III	576
2689	Glycerol alpha-monochlorohydrin	6.1		III	598
2690	N-n-Butylimidazole	6.1		II	598
2691	Phosphorus pentabromide	8		II	557
2692	Boron tribromide	8		I	557
2693	Bisulphites, aqueous solution	8		III	557
2698	Tetrahydrophthalic anhydrides with more than 0.05% of maleic anhydride	8		III	557
2699	Trifluoroacetic acid	8		I	557
2705	1-Pentol	8		II	557
2707	Dimethyldioxanes	3		II, III	596, 597
2709	Butylbenzenes	3		III	597
2710	Dipropyl ketone	3		III	530
2713	Acridine	6.1		III	598
2714	Zinc resinate	4.1		III	507
2715	Aluminium resinate	4.1		III	507
2716	1,4-Butynediol	6.1		III	528
2717	Camphor, synthetic	4.1		III	598
2719	Barium bromate	5.1	6.1	II	594
2720	Chromium nitrate	5.1		III	594
2721	Copper chlorate	5.1		II	594
2722	Lithium nitrate	5.1		III	594
2723	Magnesium chlorate	5.1		II	594
2724	Manganese nitrate	5.1		III	594
2725	Nickel nitrate	5.1		III	594
2726	Nickel nitrite	5.1		III	594
2727	Thallium nitrate	6.1	5.1	II	594
2728	Zirconium nitrate	5.1		III	594
2729	Hexachlorobenzene	6.1		III	576
2730	Nitroanisoles, liquid	6.1		III	598
2732	Nitrobromobenzenes, liquid	6.1		III	598

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
2733	Amines or polyamines, flammable, corrosive	3	8	I, II, III	520, 521
2734	Amines or polyamines, liquid, corrosive, flammable	8	3	I, II	522
2735	Amines or polyamines, liquid, corrosive	8		I, II, III	522
2738	N-Butylaniline	6.1		II	598
2739	Butyric anhydride	8		III	557
2740	n-Propyl chloroformate	6.1	3, 8	I	598
2741	Barium hypochlorite with more than 22% available chlorine	5.1	6.1	II	598
2742	Chloroformates, toxic, corrosive, flammable	6.1	3, 8	II	598
2743	n-Butyl chloroformate	6.1	3, 8	II	598
2744	Cyclobutyl chloroformate	6.1	3, 8	II	598
2745	Chloromethyl chloroformate	6.1	8	II	598
2746	Phenyl chloroformate	6.1	8	II	598
2747	tert-Butylcyclohexyl chloroformate	6.1		III	598
2748	2-Ethylhexyl chloroformate	6.1	8	II	598
2749	Tetramethylsilane	3		I	596
2750	1,3-Dichloropropanol-2	6.1		II	528
2751	Diethylthiophosphoryl chloride	8		II	557
2752	1,2-Epoxy-3-ethoxypropane	3		III	597
2753	N-Ethylbenzyltoluidines, liquid	6.1		III	598
2754	N-Ethyltoluidines	6.1		II	598
2757	Carbamate pesticide, solid, toxic	6.1		I, II, III	579
2758	Carbamate pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2759	Arsenical pesticide, solid, toxic	6.1		I, II, III	579
2760	Arsenical pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2761	Organochlorine pesticide, solid, toxic	6.1		I, II, III	579
2762	Organochlorine pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2763	Triazine pesticide, solid, toxic	6.1		I, II, III	579
2764	Triazine pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2771	Thiocarbamate pesticide, solid, toxic	6.1		I, II, III	579
2772	Thiocarbamate pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2775	Copper based pesticide, solid, toxic	6.1		I, II, III	579
2776	Copper based pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2777	Mercury based pesticide, solid, toxic	6.1		I, II, III	579
2778	Mercury based pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2779	Substituted nitrophenol pesticide, solid, toxic	6.1		I, II, III	579
2780	Substituted nitrophenol pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2781	Bipyridilium pesticide, solid, toxic	6.1		I, II, III	579

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
2782	Bipyridilium pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2783	Organophosphorus pesticide, solid, toxic	6.1		I, II, III	579
2784	Organophosphorus pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2785	4-Thiapentanal	6.1		III	598
2786	Organotin pesticide, solid, toxic	6.1		I, II, III	579
2787	Organotin pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
2788	Organotin compound, liquid	6.1		I, II, III	594
2789	Acetic acid, glacial or solution	8	3	II	551
2790	Acetic acid solution	8		II, III	551
2793	Ferrous metal borings, shavings, turnings or cuttings	4.2		III	598
2794	Batteries, wet, filled with acid	8			557
2795	Batteries, wet, filled with alkali	8			557
2796	Sulphuric acid with not more than 51% acid or battery fluid, acid	8		II	557
2797	Battery fluid, alkali	8		II	557
2798	Phenylphosphorus dichloride	8		II	557
2799	Phenylphosphorus thiodichloride	8		II	557
2800	Batteries, wet, non-spillable type	8			557
2801	Dye or dye intermediate, liquid, corrosive	8		I, II, III	557
2802	Copper chloride	8		III	598
2803	Gallium	8		III	598
2805	Lithium hydride, fused solid	4.3		II	594
2806	Lithium nitride	4.3		I	594
§2807	Magnetized material	—			595
2809	Mercury	8		III	598
2810	Toxic liquid, organic	6.1		I, II, III	598
2811	Toxic solid, organic	6.1		I, II, III	598
§2812	Sodium aluminate, solid	—			595
2813	Water-reactive solid	4.3		I, II, III	598
2814	Infectious substance affecting humans	6.2			598
2815	N-Aminoethylpiperazine	8		III	557
2817	Ammonium hydrogendifluoride solution	8	6.1	II, III	557
2818	Ammonium polysulphide solution	8	6.1	II, III	557
2819	Amyl acid phosphate	8		III	557
2820	Butyric acid	8		III	557
2821	Phenol solution	6.1		II, III	504
2822	2-Chloropyridine	6.1		II	598
2823	Crotonic acid	8		III	557
2826	Ethyl chlorothioformate	8	3	II	557
2829	Caproic acid	8		III	557
2830	Lithium ferrosilicon	4.3		II	594
2831	1,1,1-Trichloroethane	6.1		III	576
2834	Phosphorous acid	8		III	557
2835	Sodium aluminium hydride	4.3		II	594
2837	Bisulphates, aqueous solution	8		II, III	557
2838	Vinyl butyrate, stabilized	3		II	520
2839	Aldol	6.1		II	598
2840	Butyraldoxime	3		III	597
2841	Di-n-amylamine	3	6.1	III	597

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2842	Nitroethane	3		III	530
2844	Calcium manganese silicon	4.3		III	594
2845	Pyrophoric liquid, organic	4.2		I	598
2846	Pyrophoric solid, organic	4.2		I	598
2849	3-Chloropropanol-1	6.1		III	528
2850	Propylene tetramer	3		III	597
2851	Boron trifluoride dihydrate	8		II	557
2852	Dipicryl sulphide, wetted	4.1		I	598
2853	Magnesium fluorosilicate	6.1		III	594
2854	Ammonium fluorosilicate	6.1		III	594
2855	Zinc fluorosilicate	6.1		III	594
2856	Fluorosilicates	6.1		III	594
2857	Refrigerating machines	2.2			550
2858	Zirconium, dry, coiled wire, finished metal sheets, strip	4.1		III	598
2859	Ammonium metavanadate	6.1		II	594
2861	Ammonium polyvanadate	6.1		II	594
2862	Vanadium pentoxide	6.1		III	594
2863	Sodium ammonium vanadate	6.1		II	594
2864	Potassium metavanadate	6.1		II	598
2865	Hydroxylamine sulphate	8		III	557
2869	Titanium trichloride mixture	8		II, III	557
2870	Aluminium borohydride or aluminium borohydride in devices	4.2	4.3	I	594
2871	Antimony powder	6.1		III	598
2872	Dibromochloropropanes	6.1		II, III	579
2873	Dibutylaminoethanol	6.1		III	528
2874	Furfuryl alcohol	6.1		III	528
2875	Hexachlorophene	6.1		III	515
2876	Resorcinol	6.1		III	504
2878	Titanium sponge granules or sponge powders	4.1		III	598
2879	Selenium oxychloride	8	6.1	I	557
2880	Calcium hypochlorite, hydrated or Calcium hypochlorite hydrated mixture	5.1		II, III	594
2881	Metal catalyst, dry	4.2		I, II, III	598
2900	Infectious substance affecting animals only	6.2			598
2901	Bromine chloride	2.3	5.1, 8		550
2902	Pesticide, liquid, toxic	6.1		I, II, III	579
2903	Pesticide, liquid, toxic, flammable	6.1	3	I, II, III	579
2904	Chlorophenolates or phenolates, liquid	8		III	557
2905	Chlorophenolates or phenolates, solid	8		III	557
2907	Isosorbide dinitrate mixture	4.1		II	598
2908	Radioactive material, excepted package, empty packaging	7			097
2909	Radioactive material, excepted package, articles manufactured from natural uranium or depleted uranium or natural thorium	7			097
2910	Radioactive material, excepted package, limited quantity of material	7			097
2911	Radioactive material, excepted package, instruments or articles	7			097
2912	Radioactive material, low specific activity (LSA-I)	7			097

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS Commodity Code
2913	Radioactive material, surface contaminated objects (SCO-I or SCO-II)	7			097
2915	Radioactive material, Type A package	7			097
2916	Radioactive material, Type B(U) package	7			095, 096, 097 or 098
2917	Radioactive material, Type B(M) package	7			095, 096, 097 or 098
2919	Radioactive material, transported under special arrangement	7			095, 096, 097 or 098
2920	Corrosive liquid, flammable	8	3	I, II	557
2921	Corrosive solid, flammable	8	4.1	I, II	557
2922	Corrosive liquid, toxic	8	6.1	I, II, III	557
2923	Corrosive solid, toxic	8	6.1	I, II, III	557
2924	Flammable liquid, corrosive	3	8	I, II, III	596, 597
2925	Flammable solid, corrosive, organic	4.1	8	II, III	598
2926	Flammable solid, toxic, organic	4.1	6.1	II, III	598
2927	Toxic liquid, corrosive, organic	6.1	8	I, II	598
2928	Toxic solid, corrosive, organic	6.1	8	I, II	598
2929	Toxic liquid, flammable, organic	6.1	3	I, II	598
2930	Toxic solid, flammable, organic	6.1	4.1	I, II	598
2931	Vanadyl sulphate	6.1		II	594
2933	Methyl-2-chloropropionate	3		III	597
2934	Isopropyl-2-chloropropionate	3		III	597
2935	Ethyl-2-chloropropionate	3		III	597
2936	Thiolactic acid	6.1		II	598
2937	alpha-Methylbenzyl alcohol, liquid	6.1		III	528
2940	9-Phosphabicyclononanes (Cyclooctadiene phosphines)	4.2		II	598
2941	Fluoroanilines	6.1		III	598
2942	2-Trifluoromethylaniline	6.1		III	598
2943	Tetrahydrofurfurylamine	3		III	597
2945	N-Methylbutylamine	3	8	II	596
2946	2-Amino-5-diethylaminopentane	6.1		III	598
2947	Isopropyl chloroacetate	3		III	597
2948	3-Trifluoromethylaniline	6.1		II	598
2949	Sodium hydrosulphide	8		II	594
2950	Magnesium granules, coated	4.3		III	598
2956	5-tert-Butyl-2,4,6-trinitro-m-xylene (musk xylene)	4.1		III	598
2965	Boron trifluoride dimethyl etherate	4.3	3, 8	I	598
2966	Thioglycol	6.1		II	598
2967	Sulphamic acid	8		III	557
2968	Maneb, stabilized or maneb preparation, stabilized	4.3		III	579
2969	Castor beans, meal, pomace or flake	9		II	598
2977	Radioactive material, uranium hexafluoride, fissile	7	8		097
2978	Radioactive material, uranium hexafluoride	7	8		097
2983	Ethylene oxide and propylene oxide mixture	3	6.1	I	596
2984	Hydrogen peroxide, aqueous solution, with not less than 8% but less than 20% hydrogen peroxide	5.1		III	574
2985	Chlorosilanes, flammable, corrosive	3	8	II	520
2986	Chlorosilanes, corrosive, flammable	8	3	II	522

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
2987	Chlorosilanes, corrosive	8		II	522
2988	Chlorosilanes, water reactive, flammable, corrosive.	4.3	3, 8	I	522
2989	Lead phosphate dibasic	4.1		II, III	594
2990	Life saving appliances, self-inflating	9			598
2991	Carbamate pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
2992	Carbamate pesticide, liquid, toxic	6.1		I, II, III	579
2993	Arsenical pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
2994	Arsenical pesticide, liquid, toxic,	6.1		I, II, III	579
2995	Organochlorine pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
2996	Organochlorine pesticide, liquid, toxic	6.1		I, II, III	579
2997	Triazine pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
2998	Triazine pesticide, liquid, toxic	6.1		I, II, III	579
3005	Thiocarbamate pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3006	Thiocarbamate pesticide, liquid, toxic	6.1		I, II, III	579
3009	Copper based pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3010	Copper based pesticide, liquid, toxic	6.1		I, II, III	579
3011	Mercury based pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3012	Mercury based pesticide, liquid, toxic	6.1		I, II, III	579
3013	Substituted nitrophenol pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3014	Substituted nitrophenol pesticide, liquid, toxic	6.1		I, II, III	579
3015	Bipyridilium pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3016	Bipyridilium pesticide, liquid, toxic	6.1		I, II, III	579
3017	Organophosphorus pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3018	Organophosphorus pesticide, liquid, toxic	6.1		I, II, III	579
3019	Organotin pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3020	Organotin pesticide, liquid, toxic	6.1		I, II, III	579
3021	Pesticide, liquid, flammable, toxic, flash point less than 23°C	3	6.1	I, II	579
3022	1,2-Butylene oxide, stabilized	3		II	520
3023	2-Methyl-2-heptanethiol	6.1	3	I	598

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
3024	Coumarin derivative pesticide, liquid, flammable, toxic, flash point less than 23OC	3	6.1	I, II	579
3025	Coumarin derivative pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3026	Coumarin derivative pesticide, liquid, toxic	6.1		I, II, III	579
3027	Coumarin derivative pesticide, solid, toxic	6.1		I, II, III	579
3028	Batteries, dry, containing potassium hydroxide, solid	8			557
3048	Aluminium phosphide pesticide	6.1		I	579
3051	Aluminium alkyls	4.2	4.3	I	594
3052	Aluminium alkyl halides, liquid	4.2	4.3	I	594
3053	Magnesium alkyls	4.2	4.3	I	594
3054	Cyclohexyl mercaptan	3		III	597
3055	2-(2-Aminoethoxy) ethanol	8		III	557
3056	n-Heptaldehyde	3		III	530
3057	Trifluoroacetyl chloride	2.3	8		550
3064	Nitroglycerin, solution in alcohol	3		II	596
3065	Alcoholic beverages	3		II, III	340, 341
3066	Paint or Paint related material	8		II, III	557
3070	Ethylene oxide and dichlorodifluoromethane mixture	2.2			550
3071	Mercaptans, liquid, toxic, flammable or mercaptan mixture, liquid, toxic, flammable	6.1	3	II	598
3072	Life-saving appliances not self-inflating	9			598
3073	Vinylpyridines, stabilized	6.1	3, 8	II	598
3076	Aluminium alkyl hydrides	4.2	4.3	I	594
3077	Environmentally hazardous substance, solid	9		III	595
3078	Cerium, turnings or gritty powder	4.3		II	598
3079	Methacrylonitrile, stabilized	3	6.1	I	520
3080	Isocyanates, toxic, flammable or isocyanate solution, toxic, flammable	6.1	3	II	522
3082	Environmentally hazardous substance, liquid	9		III	595
3083	Perchloryl fluoride	2.3	5.1		550
3084	Corrosive solid, oxidizing	8	5.1	I, II	557
3085	Oxidizing solid, corrosive	5.1	8	I, II, III	598
3086	Toxic solid, oxidizing	6.1	5.1	I, II	598
3087	Oxidizing solid, toxic	5.1	6.1	I, II, III	598
3088	Self-heating solid, organic	4.2		II, III	598
3089	Metal powder, flammable	4.1		II, III	598
3090	Lithium batteries	9		II	598
3091	Lithium batteries contained in equipment or packed with equipment	9		II	598
3092	1-Methoxy-2-propanol	3		III	527
3093	Corrosive liquid, oxidizing	8	5.1	I, II	557
3094	Corrosive liquid, water-reactive	8	4.3	I, II	557
3095	Corrosive solid, self-heating	8	4.2	I, II	557
3096	Corrosive solid, water-reactive	8	4.3	I, II	557
3098	Oxidizing liquid, corrosive	5.1	8	I, II, III	598
3099	Oxidizing liquid, toxic	5.1	6.1	I, II, III	598
3101	Organic peroxide type B, liquid	5.2	1		522

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
3102	Organic peroxide type B, solid	5.2	1		522
3103	Organic peroxide type C, liquid	5.2			522
3104	Organic peroxide type C, solid	5.2			522
3105	Organic peroxide type D, liquid	5.2			522
3106	Organic peroxide type D, solid	5.2			522
3107	Organic peroxide type E, liquid	5.2			522
3108	Organic peroxide type E, solid	5.2			522
3109	Organic peroxide type F, liquid	5.2			522
3110	Organic peroxide type F, solid	5.2			522
3122	Toxic liquid, oxidizing	6.1	5.1	I, II	598
3123	Toxic liquid, water-reactive	6.1	4.3	I, II	598
3124	Toxic solid, self-heating	6.1	4.2	I, II	598
3125	Toxic solid, water-reactive	6.1	4.3	I, II	598
3126	Self-heating solid, corrosive, organic	4.2	8	II, III	598
3128	Self-heating solid, toxic, organic	4.2	6.1	II, III	598
3129	Water-reactive liquid, corrosive	4.3	8	I, II, III	598
3130	Water-reactive liquid, toxic	4.3	6.1	I, II, III	598
3131	Water-reactive solid, corrosive	4.3	8	I, II, III	598
3134	Water-reactive solid, toxic	4.3	6.1	I, II, III	598
3136	Trifluoromethane, refrigerated liquid	2.2			542
3138	Ethylene, acetylene and propylene mixture, refrigerated liquid	2.1			542
3139	Oxidizing liquid	5.1		I, II, III	598
3140	Alkaloids, liquid or alkaloid salts, liquid	6.1		I, II, III	598
3141	Antimony compound, inorganic, liquid	6.1		III	594
3142	Disinfectant, liquid, toxic	6.1		I, II, III	515
3143	Dyes or dye intermediate, solid, toxic	6.1		I, II, III	598
3144	Nicotine compounds or preparations, liquid	6.1		I, II, III	579
3145	Alkylphenols, liquid	8		I, II, III	504
3146	Organotin compounds, solid	6.1		I, II, III	594
3147	Dye, solid, corrosive or dye intermediate, solid, corrosive	8		I, II, III	557
3148	Water-reactive liquid	4.3		I, II, III	598
3149	Hydrogen peroxide and peroxyacetic acid mixture	5.1	8	II	522
3150	Devices, small, or refills, hydrocarbon gas powered	2.1			550
3151	Polyhalogenated biphenyls or terphenyls, liquid	9		II	576
3152	Polyhalogenated biphenyls or terphenyls, solid	9		II	576
3153	Perfluoro(methyl vinyl ether)	2.1			550
3154	Perfluoro(ethyl vinyl ether)	2.1			550
3155	Pentachlorophenol	6.1		II	598
3156	Compressed gas, oxidizing	2.2	5.1		550
3157	Liquefied gas, oxidizing	2.2	5.1		550
3158	Gas, refrigerated liquid	2.2			542
3159	1,1,1,2-Tetrafluoroethane (R 134a)	2.2			550
3160	Liquefied gas, toxic, flammable	2.3	2.1		550
3161	Liquefied gas, flammable	2.1			550
3162	Liquefied gas, toxic	2.3			550
3163	Liquefied gas	2.2			550
3164	Articles, pressurized pneumatic or hydraulic	2.2			550
3165	Aircraft hydraulic power unit fuel tank	3	6.1, 8	I	596

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
§3166	Engines, internal combustion or vehicle, flammable gas powered or vehicle, flammable liquid powered	-			802
3167	Gas sample, non-pressurized, flammable	2.1			550
3168	Gas sample, non-pressurized, toxic, flammable	2.3	2.1		550
3169	Gas sample, non-pressurized, toxic	2.3			550
3170	Aluminium smelting by-products or aluminium remelting by-products	4.3		II, III	598
§3171	Battery powered vehicle or equipment	-			809
3172	Toxins, extracted from living sources, liquid	6.1		I, II, III	598
3174	Titanium disulphide	4.2		III	594
3175	Solids containing flammable liquid	4.1		II	598
3176	Flammable solid, organic, molten	4.1		II, III	598
3178	Flammable solid, inorganic	4.1		II, III	598
3179	Flammable solid, toxic, inorganic	4.1	6.1	II, III	598
3180	Flammable solid, corrosive, inorganic	4.1	8	II, III	598
3181	Metal salts of organic compounds, flammable	4.1		II, III	598
3182	Metal hydrides, flammable	4.1		II, III	594
3183	Self-heating liquid, organic	4.2		II, III	598
3184	Self-heating liquid, toxic, organic	4.2	6.1	II, III	598
3185	Self-heating liquid, corrosive, organic	4.2	8	II, III	557
3186	Self-heating liquid, inorganic	4.2		II, III	598
3187	Self-heating liquid, toxic, inorganic	4.2	6.1	II, III	598
3188	Self-heating liquid, corrosive, inorganic	4.2	8	II, III	557
3189	Metal powders, self-heating	4.2		II, III	598
3190	Self-heating solid, inorganic	4.2		II, III	598
3191	Self-heating solid, toxic, inorganic	4.2	6.1	II, III	598
3192	Self-heating solid, corrosive, inorganic	4.2	8	II, III	557
3194	Pyrophoric liquid, inorganic	4.2		I	598
3200	Pyrophoric solid, inorganic	4.2		I	598
3205	Alkaline earth metal alcoholates	4.2		II, III	594
3206	Alkali metal alcoholates, self-heating, corrosive	4.2	8	II, III	594
3208	Metallic substance, water-reactive	4.3		I, II, III	598
3209	Metallic substance, water-reactive, self heating	4.3	4.2	I, II, III	598
3210	Chlorates, inorganic, aqueous solution	5.1		II, III	598
3211	Perchlorates, inorganic, aqueous solution	5.1		II, III	598
3212	Hypochlorites, inorganic	5.1		II	598
3213	Bromates, inorganic, aqueous solution	5.1		II, III	598
3214	Permanganates, inorganic, aqueous solution	5.1		II	598
3215	Persulphates, inorganic	5.1		III	598
3216	Persulphates, inorganic, aqueous solution	5.1		III	598
3218	Nitrates, inorganic, aqueous solution	5.1		II, III	598
3219	Nitrites, inorganic, aqueous solution	5.1		II, III	598
3220	Pentafluoroethane (R 125)	2.2			550
3221	Self-reactive liquid type B	4.1	1		598
3222	Self-reactive solid type B	4.1	1		598
3223	Self-reactive liquid type C	4.1			598
3224	Self-reactive solid type C	4.1			598

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
3225	Self-reactive liquid type D	4.1			598
3226	Self-reactive solid type D	4.1			598
3227	Self-reactive liquid type E	4.1			598
3228	Self-reactive solid type E	4.1			598
3229	Self-reactive liquid type F	4.1			598
3230	Self-reactive solid type F	4.1			598
3241	2-Bromo-2-nitropropane-1,3-diol	4.1		III	598
3242	Azodicarbonamide	4.1		II	598
3243	Solids containing toxic liquid	6.1		II	598
3244	Solids containing corrosive liquid	8		II	557
3245	Genetically modified micro-organisms	9			598
3246	Methanesulphonyl chloride	6.1	8	I	557
3247	Sodium peroxoborate, anhydrous	5.1		II	598
3248	Medicine, liquid, flammable, toxic	3	6.1	II, III	514
3249	Medicine, solid, toxic	6.1		II, III	514
3250	Chloroacetic acid, molten	6.1	8	II	557
3251	Isosorbide-5-mononitrate	4.1		III	598
3252	Difluoromethane (R32)	2.1			550
3253	Disodium trioxosilicate	8		III	594
3254	Tributylphosphane	4.2		I	598
3256	Elevated temperature liquid, flammable	3		III	597
3257	Elevated temperature liquid	9		III	598 or 733
3258	Elevated temperature solid	9		III	598
3259	Amines or polyamines, solid, corrosive	8		I, II, III	522
3260	Corrosive solid, acidic, inorganic	8		I, II, III	557
3261	Corrosive solid, acidic, organic	8		I, II, III	557
3262	Corrosive solid, basic, inorganic	8		I, II, III	557
3263	Corrosive solid, basic, organic	8		I, II, III	557
3264	Corrosive liquid, acidic, inorganic	8		I, II, III	557
3265	Corrosive liquid, acidic, organic	8		I, II, III	557
3266	Corrosive liquid, basic, inorganic	8		I, II, III	557
3267	Corrosive liquid, basic, organic	8		I, II, III	557
3268	Air bag inflators or modules or seat belt pretensioners	9		III	598
3269	Polyester resin kit	3		II, III	521
3270	Nitrocellulose membrane filters	4.1		II	598
3271	Ethers	3		II, III	529, 530
3272	Esters	3		II, III	529, 530
3273	Nitriles, flammable, toxic	3	6.1	I, II	596
3274	Alcoholates solution, in alcohol	3	8	II	596
3275	Nitriles, toxic, flammable	6.1	3	I, II	598
3276	Nitriles, toxic, liquid	6.1		I, II, III	598
3277	Chloroformates, toxic, corrosive	6.1	8	II	598
3278	Organophosphorus compound, toxic, liquid	6.1		I, II, III	598
3279	Organophosphorus compound, toxic, flammable	6.1	3	I, II	598
3280	Organoarsenic compound, liquid	6.1		I, II, III	598
3281	Metal carbonyls, liquid	6.1		I, II, III	598
3282	Organometallic compound, toxic, liquid	6.1		I, II, III	598
3283	Selenium compound, solid	6.1		I, II, III	594
3284	Tellurium compound	6.1		I, II, III	594
3285	Vanadium compound	6.1		I, II, III	594
3286	Flammable liquid, toxic, corrosive	3	6.1, 8	I, II	596
3287	Toxic liquid, inorganic	6.1		I, II, III	598
3288	Toxic solid, inorganic	6.1		I, II, III	598
3289	Toxic liquid, corrosive, inorganic	6.1	8	I, II	598

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
3290	Toxic solid, corrosive, inorganic	6.1	8	I, II	598
3291	Clinical waste, unspecified	6.2		II	598
3292	Batteries or cells, containing sodium	4.3		II	598
3293	Hydrazine, aqueous solution with not more than 37% hydrazine	6.1		III	557
3294	Hydrogen cyanide, solution in alcohol	6.1	3	I	553
3295	Hydrocarbons, liquid	3		I, II, III	596, 597
3296	Heptafluoropropane (R 227)	2.2			547
3297	Ethylene oxide and chlorotetrafluoroethane mixture	2.2			550
3298	Ethylene oxide and pentafluoroethane mixture	2.2			550
3299	Ethylene oxide and tetrafluoroethane mixture	2.2			550
3300	Ethylene oxide and carbon dioxide mixture	2.3	2.1		550
3301	Corrosive liquid, self-heating	8	4.2	I, II	557
3302	2-Dimethylaminoethyl acrylate	6.1		II	522
3303	Compressed gas, toxic, oxidizing	2.3	5.1		550
3304	Compressed gas, toxic, corrosive	2.3	8		550
3305	Compressed gas, toxic, flammable, corrosive	2.3	2.1, 8		550
3306	Compressed gas, toxic, oxidizing, corrosive	2.3	5.1, 8		550
3307	Liquefied gas, toxic, oxidizing	2.3	5.1		550
3308	Liquefied gas, toxic, corrosive	2.3	8		550
3309	Liquefied gas, toxic, flammable, corrosive	2.3	2.1, 8		550
3310	Liquefied gas, toxic, oxidizing, corrosive	2.3	5.1, 8		550
3311	Gas, refrigerated liquid, oxidizing	2.2	5.1		542
3312	Gas, refrigerated liquid, flammable	2.1			542
3313	Organic pigments, self-heating	4.2		II, III	522
3314	Plastics moulding compound	9		III	522
3315	Chemical sample, toxic	6.1		I	598
3316	Chemical kit or First aid kit	9		II, III	598
3317	2-Amino-4,6-dinitrophenol, wetted	4.1		I	598
3318	Ammonia solution, with more than 50% ammonia	2.3	8		550
3319	Nitroglycerin mixture, desensitized, solid	4.1		II	598
3320	Sodium borohydride and sodium hydroxide solution	8		II, III	598
3321	Radioactive material, low specific activity (LSA-II)	7			097
3322	Radioactive material, low specific activity (LSA-III)	7			097
3323	Radioactive material, type C package	7			097
3324	Radioactive material, low specific activity (LSA-II), fissile	7			097
3325	Radioactive material, low specific activity (LSA-III), fissile	7			097
3326	Radioactive material, surface contaminated objects (SCO-I or SCO-II), fissile	7			097
3327	Radioactive material, Type A package, fissile	7			097

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS Commodity Code
3328	Radioactive material, Type B(U) package, fissile	7			095, 096, 097 or 098
3329	Radioactive material, Type B(M) package, fissile	7			095, 096, 097 or 098
3330	Radioactive material, type C package, fissile	7			097
3331	Radioactive material, transported under special arrangement, fissile	7			095, 096, 097 or 098
3332	Radioactive material, Type A package, special form	7			097
3333	Radioactive material, Type A package, special form, fissile	7			097
§3334	Aviation regulated liquid	-			595
§3335	Aviation regulated solid	-			595
3336	Mercaptans, liquid, flammable or mercaptan mixture, liquid, flammable	3		I, II, III	596, 597
3337	Refrigerant gas R404A	2.2			547
3338	Refrigerant gas R407A	2.2			547
3339	Refrigerant gas R407B	2.2			547
3340	Refrigerant gas R407C	2.2			547
3341	Thiourea dioxide	4.2		II, III	598
3342	Xanthates	4.2		II, III	598
3343	Nitroglycerin mixture, desensitized, liquid, flammable	3			596, 597
3344	Pentaerythrite tetranitrate mixture, desensitized, solid	4.1		II	598
3345	Phenoxyacetic acid derivative pesticide, solid, toxic	6.1		I, II, III	579
3346	Phenoxyacetic acid derivative pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
3347	Phenoxyacetic acid derivative pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3348	Phenoxyacetic acid derivative pesticide, liquid, toxic	6.1		I, II, III	579
3349	Pyrethroid pesticide, solid, toxic	6.1		I, II, III	579
3350	Pyrethroid pesticide, liquid, flammable, toxic, flash point below 23°C	3	6.1	I, II	579
3351	Pyrethroid pesticide, liquid, toxic, flammable, flash point not less than 23°C	6.1	3	I, II, III	579
3352	Pyrethroid pesticide, liquid, toxic	6.1		I, II, III	579
3354	Insecticide gas, flammable	2.1			550
3355	Insecticide gas, toxic, flammable	2.3	2.1		550
3356	Oxygen generator, chemical	5.1		II	598
3357	Nitroglycerin mixture, desensitized, liquid	3		II	596
3358	Refrigerating machines, containing flammable, non-toxic, liquefied gas	2.1			550
+3359	Fumigated unit	9			598
§3360	Fibres, vegetable, dry	-			595
3361	Chlorosilanes, toxic, corrosive,	6.1	8	II	598
3362	Chlorosilanes, toxic, corrosive, flammable	6.1	3, 8	II	598
§3363	Dangerous goods in machinery or apparatus	-			801 or 802

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
3364	Trinitrophenol (Picric acid), wetted	4.1		I	598
3365	Trinitrochlorobenzene (Picryl chloride), wetted	4.1		I	598
3366	Trinitrotoluene (TNT), wetted	4.1		I	598
3367	Trinitrobenzene, wetted	4.1		I	598
3368	Trinitrobenzoic acid, wetted	4.1		I	598
3369	Sodium dinitro-o-cresolate, wetted	4.1	6.1	I	598
3370	Urea nitrate, wetted	4.1		I	598
3371	2-Methylbutanal	3		II	596
3373	Diagnostic specimens or clinical specimens	6.2			598
3374	Acetylene, solvent free	2.1			550
3375	Ammonium nitrate emulsion, suspension or gel	5.1		II	598
3376	4-Nitrophenylhydrazine	4.1		I	598
3377	Sodium perborate monohydrate	5.1		III	594
3378	Sodium carbonate peroxyhydrate	5.1		II, III	594
3379	Desensitized explosive, liquid	3		I	596
3380	Desensitized explosive, solid	4.1		I	598
3381	Toxic by inhalation liquid	6.1		I	598
3382	Toxic by inhalation liquid	6.1		I	598
3383	Toxic by inhalation liquid, flammable	6.1	3	I	598
3384	Toxic by inhalation liquid, flammable	6.1	3	I	598
3385	Toxic by inhalation liquid, water-reactive	6.1	4.3	I	598
3386	Toxic by inhalation liquid, water-reactive	6.1	4.3	I	598
3387	Toxic by inhalation liquid, oxidizing	6.1	5.1	I	598
3388	Toxic by inhalation liquid, oxidizing	6.1	5.1	I	598
3389	Toxic by inhalation liquid, corrosive	6.1	8	I	598
3390	Toxic by inhalation liquid, corrosive	6.1	8	I	598
3391	Organometallic substance, solid, pyrophoric	4.2		I	598
3392	Organometallic substance, liquid, pyrophoric	4.2		I	598
3393	Organometallic substance, solid, pyrophoric, water-reactive	4.2	4.3	I	598
3394	Organometallic substance, liquid, pyrophoric, water-reactive	4.2	4.3	I	598
3395	Organometallic substance, solid, water-reactive	4.3		I, II, III	598
3396	Organometallic substance, solid, water-reactive, flammable	4.3	4.1	I, II, III	598
3397	Organometallic substance, solid, water-reactive, self-heating	4.3	4.2	I, II, III	598
3398	Organometallic substance, liquid, water-reactive	4.3		I, II, III	598
3399	Organometallic substance, liquid, water-reactive, flammable	4.3	3	I, II, III	598
3400	Organometallic substance, solid, self-heating	4.2		II, III	598
3401	Alkali metal amalgam, solid	4.3		I	598
3402	Alkaline earth metal amalgam, solid	4.3		I	598
3403	Potassium metal alloys, solid	4.3		I	598
3404	Potassium sodium alloys, solid	4.3		I	594
3405	Barium chlorate solution	5.1	6.1	II, III	594
3406	Barium perchlorate solution	5.1	6.1	II, III	594

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS Commodity Code
3407	Chlorate and magnesium chloride mixture solution	5.1		II, III	579
3408	Lead perchlorate solution	5.1	6.1	II, III	594
3409	Chloronitrobenzenes, liquid	6.1		II	598
3410	4-Chloro-o-toluidine hydrochloride solution	6.1		III	598
3411	beta-Naphthylamine solution	6.1		II, III	598
3413	Potassium cyanide solution	6.1		I, II, III	594
3414	Sodium cyanide solution	6.1		I, II, III	594
3415	Sodium fluoride solution	6.1		III	594
3416	Chloroaceto-phenone, liquid	6.1		II	598
3417	Xylyl bromide, solid	6.1		II	576
3418	2,4-Toluylenediamine solution	6.1		III	598
3419	Boron trifluoride acetic acid complex, solid	8		II	557
3420	Boron trifluoride propionic acid complex, solid	8		II	557
3421	Potassium hydrogendifluoride solution	8	6.1	II, III	557
3422	Potassium fluoride solution	6.1		III	598
3423	Tetramethylammonium hydroxide, solid	8		II	557
3424	Ammonium dinitro-o-cresolate solution	6.1		II, III	598
3425	Bromoacetic acid, solid	8		II	557
3426	Acrylamide solution	6.1		III	522
3427	Chlorobenzyl chlorides, solid	6.1		III	598
3428	3-Chloro-4-methylphenyl isocyanate, solid	6.1		II	522
3429	Chlorotoluidines, liquid	6.1		III	598
3430	Xylenols, liquid	6.1		II	504
3431	Nitrobenzotrifluorides, solid	6.1		II	598
3432	Polychlorinated biphenyls, solid	9		II	576
3433	Lithium alkyls, solid	4.2	4.3	I	594
3434	Nitrocresols, liquid	6.1		III	598
3435	Hydroquinone solution	6.1		III	598
3436	Hexafluoroacetone hydrate, solid	6.1		II	598
3437	Chlorocresols, solid	6.1		II	598
3438	alpha-Methylbenzyl alcohol, solid	6.1		III	528
3439	Nitriles, toxic, solid	6.1		I, II, III	598
3440	Selenium compound, liquid	6.1		I, II, III	594
3441	Chlorodinitrobenzenes, solid	6.1		II	598
3442	Dichloroanilines, solid	6.1		II	598
3443	Dinitrobenzenes, solid	6.1		II	598
3444	Nicotine hydrochloride, solid	6.1		II	579
3445	Nicotine sulphate, solid	6.1		II	579
3446	Nitrotoluenes, solid	6.1		II	598
3447	Nitroxyls, solid	6.1		II	598
3448	Tear gas substance, solid	6.1		I, II	598
3449	Bromobenzyl cyanides, solid	6.1		I	598
3450	Diphenylchloroarsine, solid	6.1		I	598
3451	Toluidines, solid	6.1		II	598
3452	Xylidines, solid	6.1		II	598
3453	Phosphoric acid, solid	8		III	555
3454	Dinitrotoluenes, solid	6.1		II	598
3455	Cresols, solid	6.1	8	II	504
3456	Nitrosylsulphuric acid, solid	8		II	557
3457	Chloronitrotoluenes, solid	6.1		III	598
3458	Nitroanisoles, solid	6.1		III	598
3459	Nitrobromobenzenes, solid	6.1		III	598

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
3460	N-Ethylbenzyltoluidines, solid	6.1		III	598
3461	Aluminium alkyl halides, solid	4.2	4.3	I	594
3462	Toxins, extracted from living sources, solid	6.1		I, II, III	598
3464	Organophosphorus compound, toxic, solid	6.1		I, II, III	598
3465	Organoarsenic compound, solid	6.1		I, II, III	598
3466	Metal carbonyls, solid	6.1		I, II, III	598
3467	Organometallic compound, toxic, solid	6.1		I, II, III	598
3468	Hydrogen in a metal hydride storage system	2.1			550

- Ø 734 to be used for Gas condensate Class 3.
- + Packages, containers and wagons are not required to bear a hazard warning label or placard
- § There are no dangerous goods requirements that apply to rail transport but there may be for other modes of transport

1.2 UN8989

UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
8989	Mixed loads of differing dangerous goods classes and groupage (various) traffic	-	-	-	598, 873, 882, 950

1.3 D.G. Class 1 – Explosive Emergency and Commodity Codes

	UN No	Substance	Dangerous Goods Class	Subsidiary Risk(s)	Packing Group	TOPS. Commodity Code
1.3.1		Military				
	011		-	-	-	889
	012, 014, 016		-	-	-	888
	013, 015		-	-	-	890
1.3.2		Commercial				
	011		-	-	-	532
	012, 014, 016		-	-	-	533
	013, 015		-	-	-	534

1.4 Containerised Traffic – Dangerous Goods Class and TOPS Commodity Code

1.4.1 Full loads – Code 950

When dangerous goods are permitted to be carried in full container loads TOPS Commodity Code 950 will apply except as shown below.

1.4.2 Exceptions to using Code 950

- (a) Traffics which are allocated United Nations numbers which could be identified with more than one of the dangerous goods Classes 2.1, 2.2 or 3 must be allocated the following: -

Traffic	TOPS Commodity Code
Flammable liquids Class 3 – Packing groups I & II	951
Flammable liquids Class 3 – Packing group III	952
Aerosols Class 2.1	953
Aerosols Class 2.2	954

- (b) When more than one of these D.G. classes or packing groups are carried on the same wagon, the following to be used: -

Dangerous goods Class 3 – Packing groups I & II with Class 3 – Packing group III	951
Dangerous goods Classes 2.2 & 3 – Packing group III	952

1.4.3 Class 1 traffic, explosives

Division 1.1	955
Division 1.2, 1.4 or 1.6	956
Division 1.3 or 1.5	957