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ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

**Working Party on the Transport
of Dangerous Goods**
**(Sixty-eighth session,
agenda item 2 (d),
Geneva, 15-19 May 2000)**

**MARGINAL 10 599 ADR - ADDITIONAL RESTRICTIONS
ON THE CARRIAGE OF DANGEROUS GOODS**

Transmitted by the Government of the Russian Federation

The secretariat reproduces hereafter a letter transmitted by the Government of the Russian Federation.

MINISTRY OF TRANSPORT
RUSSIAN FEDERATION
Moscow, 17 November 1999
DMS-11/272

Sir,

In view of the situation concerning the international carriage of dangerous goods in the Russian Federation, the Ministry of Transport wishes to inform the secretariat of the Economic Commission for Europe and its Inland Transport Committee of the measures which the Government of the Russian Federation is taking to address complaints by foreign hauliers.

The international carriage of dangerous goods in the Russian Federation is performed in accordance with the European Agreement concerning the international carriage of dangerous goods by road (ADR) and bilateral intergovernmental agreements.

The Russian Federation consistently endeavours to observe the spirit and the letter of these agreements.

The Ministry of Transport has approved a non-exhaustive list of dangerous goods requiring special properly issued permits for transport purposes (attached).

Moreover, the Ministry of Transport is currently using the ADR as a basis for reformulating its regulations on the carriage of dangerous goods in the Russian Federation.

We should be grateful if you could bring to the attention of ADR signatory countries the Russian Federation's non-exhaustive list of dangerous goods requiring special permits to be issued to Russian and foreign road hauliers in the Russian Federation.

Accept, Sir, the assurances of my highest consideration.

Attachment: as mentioned above, 9 pp.

(Signed) E.D. KAZANTSEV
Deputy Minister of Transport

Mr. Y. Berthelot
Executive Secretary
Economic Commission for Europe

Annex to Ministry of Transport Order No. 77 of 14 October 1999

List of dangerous goods subject to special permits issued by the Ministry of Transport
for international carriage by road in the Russian Federation

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
1008	Boron trifluoride, compressed	268	6.1 + 8	2. 1°TC	20
1016	Carbon monoxide, compressed	263	6.1 + 3	2. 1°TF	20
1023	Coal gas, compressed	263	6.1 + 3	2. 1°TF	20
1026	Cyanogen	263	6.1 + 3	2. 2°TF	20
1048	Hydrogen bromide, anhydrous	268	6.1 + 8	2. 2°TC	20
1050	Hydrogen chloride, anhydrous	268	6.1 + 8	2. 2°TC	20
1053	Hydrogen sulphide	263	6.1 + 3	2. 2°TF	20
1064	Methyl mercaptan	263	6.1 + 3	2. 2°TF	20
1067	Dinitrogen tetroxide (nitrogen dioxide)	265	6.1 + 05 + 8	2. 2°TOC	20
1071	Oil gas, compressed	263	6.1 + 3	2. 1°TF	20
1076	Phosgene	268	6.1 + 8	2. 2°TC	20
1079	Sulphur dioxide	268	6.1 + 8	2. 2°TC	20
1092	Acrolein, inhibited	663	6.1 + 3	6.1. 8° (a)2	20
1093	Acrylonitrile, inhibited	336	3 + 6.1	3. 11° (a)	20
1098	Allyl alcohol	663	6.1 + 3	6.1. 8° (a)2	20
1099	Allyl bromide	336	3 + 6.1	3. 16° (a)	20
1100	Allyl chloride	336	3 + 6.1	3. 16° (a)	20
1108	1-Pentene (n-Amylene)	33	3	3. 1° (a)	20
1131	Carbon disulphide	336	3 + 6.1	3. 18° (a)	20
1133	Adhesives	30	3	3. 31° (c)	20
1135	Ethylene chlorohydrin	663	6.1 + 3	6.1. 16° (a)	20
1139	Coating solution	33	3	3. 5° (a)	20
1143	Crotonaldehyde, stabilized	663	6.1 + 3	6.1. 8° (a)2	20
1144	Crotonylene (2-Butyne)	339	3	3. 1° (a)	20
1155	Diethyl ether (ethyl ether)	33	3	3. 2° (a)	20
1163	Dimethylhydrazine, unsymmetrical	663	6.1 + 3 + 8	6.1. 7° (a)1	20
1167	Divinyl ether inhibited	339	3	3. 2° (a)	20
1169	Extracts, aromatic, liquid	33	3	3. 5° (a)	20
1182	Ethyl chloroformate	663	6.1 + 3 + 8	6.1. 10° (a)	20
1183	Ethyl dichlorosilane	X338	4.3 + 3 + 8	4.3. 1° (a)	0
1194	Ethyl nitrite solution	336	3 + 6.1	3. 15° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
1197	Extracts, flavouring, liquid	33	3	3, 5° (a)	20
1199	Furaldehydes	63	6.1 + 3	6.1, 13° (b)	20
1210	Printing ink	33	3	3, 5° (a)	20
1218	Isoprene, inhibited	339	3	3, 2° (a)	20
1221	Isopropylamine	338	3 + 8	3, 22° (a)	20
1238	Methyl chloroformate	663	6.1 + 3 + 8	6.1, 10° (a)	20
1239	Methyl chloromethyl ether	663	6.1 + 3	6.1, 9° (a)	20
1242	Methyldichlorosilane	X338	4.3 + 3 + 8	4.3, 1° (a)	0
1243	Methyl formate	33	3	3, 1° (a)	20
1244	Methylhydrazine	663	6.1 + 3 + 8	6.1, 7° (a)1	20
1250	Methyltrichlorosilane	X338	3 + 8	3, 21° (a)	20
1251	Methyl vinyl ketone, stabilized	639	6.1 + 3 + 8	6.1, 8° (a)1	20
1263	Paint	33	3	3, 5° (a)	20
1263	Paint related material	33	3	3, 5° (a)	20
1265	Pentanes, liquid	33	3	3, 1° (a)	20
1266	Perfumery products	33	3	3, 5° (a)	20
1267	Petroleum crude oil	33	3	3, 1° (a), 2° (a)	20
1268	Petroleum distillates, n.o.s.	33	3	3, 1° (a), 2° (a)	20
1268	Petroleum products, n.o.s.	33	3	3, 1° (a), 2° (a)	20
1280	Propylene oxide	33	3	3, 2° (a)	20
1286	Rosin oil	33	3	3, 5° (a)	20
1287	Rubber solution	33	3	3, 5° (a)	20
1295	Trichlorosilane	X338	4.3 + 3 + 8	4.3, 1° (a)	0
1297	Trimethylamine, aqueous solution	338	3 + 8	3, 22° (a)	20
1302	Vinyl ethyl ether, inhibited	339	3	3, 2° (a)	20
1303	Vinylidene chloride, inhibited	339	3	3, 1° (a)	20
1305	Vinyltrichlorosilane, inhibited	X338	3 + 8	3, 21° (a)	20
1308	Zirconium suspended in a flammable liquid	33	3	3, 1° (a), 2° (a)	20
1340	Phosphorus pentasulphide	423	4.3	4.3, 20° (b)	0
1366	Diethylzinc	X333	4.2 + 4.3	4.2, 31° (a)	20
1370	Dimethylzinc	X333	4.2 + 4.3	4.2, 31° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
1380	Pentaborane	333	4.2 + 6.1	4.2, 19° (a)	20
1381	Phosphorus, white or yellow, dry	46	4.2 + 6.1	4.2, 11° (a)	20
1389	Alkali metal amalgam	X423	4.3	4.3, 11° (a)	20
1390	Alkali metal amides	423	4.3	4.3, 19° (b)	0
1391	Alkali metal dispersion	X423	4.3 + 3	4.3, 11° (a)	20
1391	Alkaline earth metal dispersion	X423	4.3 + 3	4.3, 11° (a)	20
1392	Alkaline earth metal amalgam	X423	4.3	4.3, 11° (a)	20
1395	Aluminium ferrosilicon powder	462	4.3 + 6.1	4.3, 15° (b)	20
1403	Calcium cyanamide	423	4.3	4.3, 19° (c)	0
1407	Caesium	X423	4.3	4.3, 11° (a)	20
1415	Lithium	X423	4.3	4.3, 11° (a)	20
1420	Potassium metal alloys	X423	4.3	4.3, 11° (a)	20
1421	Alkali metal alloy, liquid, n.o.s.	X423	4.3	4.3, 11° (a)	20
1422	Potassium sodium alloys	X423	4.3	4.3, 11° (a)	20
1423	Rubidium	X423	4.3	4.3, 11° (a)	20
1428	Sodium	X423	4.3	4.3, 11° (a)	20
1510	Tetranitromethane	559	5.1 + 6.1	5.1, 2° (a)	20
1541	Acetone cyanohydrin, stabilized	66	6.1	6.1, 12° (a)	20
1544	Alkaloids or alcaloid salts, solid, n.o.s.	66	6.1	6.1, 90° (a)	20
1553	Arsenic acid, liquid	66	6.1	6.1, 51° (a)	20
1556	Arsenic compound, liquid, n.o.s., inorganic (arsenates, arsenites and arsenic sulphide)	60	6.1	6.1, 51° (a)	20
1556	Arsenic compound, liquid, n.o.s., inorganic (arsenates, arsenites and arsenic sulphide)	66	6.1	6.1, 51° (b)	20
1557	Arsenic compound, solid, n.o.s., inorganic (arsenates, arsenites and arsenic sulphide)	66	6.1	6.1, 51° (a)	20
1560	Arsenic trichloride	66	6.1	6.1, 51° (a)	20
1570	Brucine	66	6.1	6.1, 90° (a)	20
1580	Chloropicrin	66	6.1	6.1, 17° (a)	20
1583	Chloropicrin mixture, n.o.s.	66	6.1	6.1, 17° (a)	20
1588	Cyanides, inorganic, solid, n.o.s.	66	6.1	6.1, 41° (a)	20
1588	Cyanides, inorganic, solid, n.o.s.	60	6.1	6.1, 41° (b)	20
1595	Dimethyl sulphate	668	6.1 + 8	6.1, 27° (a)	20
1601	Disinfectant, solid, toxic, n.o.s.	66	6.1	6.1, 25° (a)	20
1602	Dye, liquid, toxic, n.o.s.	66	6.1	6.1, 25° (a)	20
1602	Dye intermediate, liquid, toxic, n.o.s.	66	6.1	6.1, 25° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
1605	Ethylene dibromide	66	6.1	6.1, 15° (a)	20
1612	Hexaethyl tetraphosphate and compressed gas mixture	26	6.1	2, 1°T	20
1613	Hydrogen cyanide, aqueous solution (Hydrocyanic acid)	663	6.1 + 3	6.1, 2°	.0
1647	Methyl bromide and ethylene dibromide mixture, liquid	66	6.1	6.1, 15° (a)	20
1649	Motor fuel anti-knock mixture	66	6.1	6.1, 31° (a)	20
1655	Nicotine compound or nicotine preparation, solid, n.o.s.	60	6.1	6.1, 90° (b)	20
1670	Perchloromethyl mercaptan	66	6.1	6.1, 17° (a)	20
1672	Phenylcarbylamine chloride	66	6.1	6.1, 17° (a)	20
1692	Strychnine or strychnine salts	66	6.1	6.1, 90° (a)	20
1693	Tear gas substance, liquid or solid, n.o.s.	66	6.1	6.1, 25° (a)	20
1694	Bromobenzyl cyanides	66	6.1	6.1, 17° (a)	20
1695	Chloroacetone, stabilized	663	6.1 + 3 + 8	6.1, 10° (a)	20
1698	Diphenylamine chloroarsine	66	6.1	6.1, 34° (a)	20
1699	Diphenylchloroarsine	66	6.1	6.1, 34° (a)	20
1713	Zinc cyanide	66	6.1	6.1, 41° (a)	20
1722	Allyl chloroformate	638	6.1 + 8 + 3	6.1, 28° (a)	20
1739	Benzyl chloroformate	88	8	8, 64° (a)	20
1749	Chlorine trifluoride	265	6.1 + 05 + 8	2, 2°TOC	20
1752	Chloroacetyl chloride	668	6.1 + 8	6.1, 27° (a)	20
1754	Chlorosulphonic acid	X88	8	8, 12° (a)	20
1758	Chronium oxychloride	X88	8	8, 12° (a)	20
1759	Corrosive solid, n.o.s.	88	8	8, 65° (a)	20
1760	Corrosive liquid, n.o.s.	88	8	8, 66° (a)	20
1777	Fluorosulphonic acid	88	8	8, 8° (a)	20
1786	Hydrofluoric acid and sulphuric acid mixture	886	8 + 6.1	8, 7° (a)	20
1790	Hydrofluoric acid solution containing between 60 and 85% hydrogen fluoride	886	8 + 6.1	8, 7° (a)	20
1796	Nitrating acid, mixture containing more than 50% nitric acid	885	8 + 05	8, 3° (a)	20
1809	Phosphorus trichloride	668	6.1 + 8	8, 67° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
1826	Nitrating acid mixture, spent, containing more than 50% nitric acid	885	8 + 05	8, 3° (a)	20
1828	Sulphur chlorides	X88	8	8, 12° (a)	20
1829	Sulphur trioxide, inhibited or sulphur trioxide, stabilized	X88	8	8, 1° (a)	20
1831	Sulphuric acid, fuming	X886	8 + 6.1	8, 1° (a)	20
1834	Sulphuryl chloride	X88	8	8, 12° (a)	20
1836	Thionyl chloride	X88	8	8, 12° (a)	20
1859	Silicon tetrafluoride, compressed	268	6.1 + 8	2, 1°TC	20
1863	Fuel, aviation, turbine engine	33	3	3, 1° (a), 2° (a)	20
1866	Resin solution, flammable	30	3	3, 31° (c)	20
1873	Perchloric acid, with more than 50% but not more than 72% acid, by mass	558	5.1 + 8	5.1, 3° (a)	20
1889	Cyanogen bromide	668	6.1 + 8	6.1, 27° (a)	20
1892	Ethyl dichloroarsine	66	6.1	6.1, 34° (a)	20
1903	Disinfectant, liquid, corrosive, n.o.s.	88	8	8, 66° (a)	20
1928	Methyl magnesium bromide in ethyl ether	X323	4.3 + 3	4.3, 3° (a)	20
1935	Cyanide solution, n.o.s.	66	6.1	6.1, 41° (a)	20
1953	Compressed gas, toxic, flammable, n.o.s.	263	6.1 + 3	2, 1°TF	20
1955	Compressed gas, toxic, n.o.s.	26	6.1	2, 1°T	20
1967	Insecticide gas, toxic, n.o.s.	26	6.1	2, 2°T	20
1986	Alcohols, flammable, toxic, n.o.s.	336	3 + 6.1	3, 17° (a)	20
1988	Aldehydes, flammable, toxic, n.o.s.	336	3 + 6.1	3, 17° (a)	20
1991	Chloroprene, inhibited	336	3 + 6.1	3, 16° (a)	20
1992	Flammable liquid, toxic, n.o.s.	336	3 + 6.1	3, 19° (a)	20
1993	Flammable liquid, n.o.s.	33	3	3, 1° (a), 2° (a)	20
2003	Metal alkyls, water-reactive, n.o.s. or metal aryls, water-reactive, n.o.s.	X333	4.2 + 4.3	4.2, 31° (a)	20
2005	Magnesium diphenyl	X333	4.2 + 4.3	4.2, 31° (a)	20
2015	Hydrogen peroxide, aqueous solution, stabilized	559	5.1 + 8	5.1, 1° (a)	20
2015	Hydrogen peroxide, stabilized	559	5.1 + 8	5.1, 1° (a)	20
2024	Mercury compound, liquid, n.o.s.	66	6.1	6.1, 52° (a)	20
2025	Mercury compound, solid, n.o.s.	66	6.1	6.1, 52° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
2026	Phenylmercuric compound, n.o.s.	66	6.1	6.1, 33° (a)	20
2031	Nitric acid containing more than 70% pure acid	885	8 + 05	8, 2° (a)1	20
2032	Nitric acid, red fuming	856	8 + 05 + 6.1	8, 2° (a)2	20
2059	Nitrocellulose solution, flammable	33	3	3, 4° (a)	20
2189	Dichlorosilane	263	6.1 + 05 + 8	2, 2°TFC	20
2191	Sulphuryl fluoride	26	6.1	2, 2°T	20
2197	Hydrogen iodide, anhydrous	268	6.1 + 8	2, 2°TC	20
2204	Carbonyl sulphide	263	6.1 + 3	2, 2°TF	20
2232	Chloroacetaldehyde	66	6.1	6.1, 17° (a)	20
2240	Chromosulphuric acid	88	8	8, 1° (a)	20
2257	Potassium	X423	4.3	4.3, 11° (a)	20
2295	Methyl chloroacetate	663	6.1 + 3	6.1, 16° (a)	20
2315	Polychlorinated biphenyls	90	9	9, 2° (b)	0
2317	Sodium cuprocyanide solution	66	6.1	6.1, 41° (a)	20
2334	Allylamine	663	6.1 + 3	6.1, 7° (a)2	20
2336	Allyl formate	336	3 + 6.1	3, 17° (a)	20
2337	Phenyl mercaptan	663	6.1 + 3	6.1, 20° (a)	20
2356	2-Chloropropane	33	3	3, 2° (a)	20
2363	Ethyl mercaptan	33	3	3, 2° (a)	20
2371	Isopentenes	33	3	3, 1° (a)	20
2382	Dimethylhydrazine, symmetrical	663	6.1 + 3	6.1, 7° (a)2	20
2389	Furan	33	3	3, 1° (a)	20
2417	Carbonyl fluoride, compressed	268	6.1 + 8	2, 1°TC	20
2420	Hexafluoroacetone	268	6.1 + 8	2, 2°TC	20
2430	Alkylphenols, solid, n.o.s.	88	8	8, 39° (a)	20
2438	Trimethylacetyl chloride	663	6.1 + 3 + 8	6.1, 10° (a)	20
2444	Vanadium tetrachloride	X88	8	8, 12° (a)	20
2445	Lithium alkyls	X333	4.2 + 4.3	4.2, 31° (a)	0
2451	Nitrogen trifluoride, compressed	25	2 + 05	2, 1°O	20
2456	2-Chloropropene	33	3	3, 1° (a)	20
2459	2-Methyl-1-butene	33	3	3, 1° (a)	20
2477	Methyl isothiocyanate	663	6.1 + 3	6.1, 20° (a)	20
2482	n-Propyl isocyanate	663	6.1 + 3	6.1, 6° (a)	20
2483	Isopropyl isocyanate	336	3 + 6.1	3, 14° (a)	20
2484	tert-Butyl isocyanate	663	6.1 + 3	6.1, 6° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
2485	n-Butyl isocyanate	663	6.1 + 3	6.1, 6° (a)	20
2487	Phenyl isocyanate	663	6.1 + 3	6.1, 18° (a)	20
2488	Cyclohexyl isocyanate	663	6.1 + 3	6.1, 18° (a)	20
2521	Diketene, inhibited	663	6.1 + 3	6.1, 13° (a)	20
2558	Epibromohydrin	663	6.1 + 3	6.1, 16° (a)	20
2561	3-Methyl-1-butene (Isopropylethylene)	33	3	3, 1° (a)	20
2570	Cadmium compound	66	6.1	6.1, 61° (a)	20
2588	Pesticide, solid, toxic, n.o.s.	66	6.1	6.1, 73° (a)	20
2600	Carbon monoxide and hydrogen mixture, compressed	263	6.1 + 3	2, 1°TF	20
2604	Boron trifluoride diethyl etherate	883	8 + 3	8, 33° (a)	20
2605	Methoxymethyl isocyanate	336	3 + 6.1	3, 14° (a)	20
2606	Methyl orthosilicate (Tetramethoxysilane)	663	6.1 + 3	6.1, 8° (a)2	20
2628	Potassium fluoroacetate	66	6.1	6.1, 17° (a)	20
2629	Sodium fluoroacetate	66	6.1	6.1, 17° (a)	20
2642	Fluoroacetic acid	66	6.1	6.1, 17° (a)	20
2644	Methyl iodide	66	6.1	6.1, 15° (a)	20
2646	Hexachlorocyclopentadiene	66	6.1	6.1, 15° (a)	20
2692	Boron tribromide (boron bromide)	X88	8	8, 12° (a)	20
2699	Trifluoroacetic acid	88	8	8, 32° (a)	20
2733	Amines or polyamines, flammable, corrosive, n.o.s.	338	3 + 8	3, 22° (a)	20
2734	Amines or polyamines, liquid, corrosive, flammable, n.o.s.	883	8 + 3	8, 54° (a)	20
2735	Amines or polyamines, liquid, corrosive, n.o.s.	88	8	8, 53° (a)	20
2740	n-Propyl chloroformate	668	6.1 + 8 + 3	6.1, 28° (a)	20
2749	Tetramethylsilane	33	3	3, 1° (a)	20
2757	Carbamate pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2758	Carbamate pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2759	Arsenical pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2760	Arsenical pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2761	Organochlorine pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
2762	Organochlorine pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2763	Triazine pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2764	Triazine pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2765	Phenoxy pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2766	Phenoxy pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2767	Phenylurea pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2768	Phenylurea pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2769	Benzoic acid pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2770	Benzoic acid pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2771	Thiocarbamate pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2772	Thiocarbamate pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2773	Phthalimide pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2774	Phthalimide pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2775	Copper based pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2776	Copper based pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2777	Mercury based pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2778	Mercury based pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2779	Substituted nitrophenol pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2780	Substituted nitrophenol pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2781	Bipyridilium pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2782	Bipyridilium pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2783	Organophosphorus pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
2784	Organophosphorous pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2786	Organotin pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
2787	Organotin pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
2788	Organotin compound, liquid, n.o.s.	66	6.1	6.1, 32° (a)	20
2801	Dye or dye intermediate, liquid, corrosive, n.o.s.	88	8	8, 66° (a)	20
2810	Toxic liquid, organic, n.o.s.	66	6.1	6.1, 25° (a)	20
2811	Toxic solid, organic, n.o.s.	66	6.1	6.1, 25° (a)	20
2845	Pyrophoric liquid, organic, n.o.s.	333	4.2	4.2, 6° (a)	0
2870	Aluminium borohydride	X333	4.2 + 4.3	4.2, 17° (a)	0
2870	Aluminium borohydride in devices	X333	4.2 + 4.3	4.2, 17° (a)	0
2879	Selenium oxychloride	X886	8 + 6.1	8, 12° (a)	20
2901	Bromine chloride	265	6.1 + 05 + 8	2, 2°TOC	20
2902	Pesticide, liquid, toxic, n.o.s.	66	6.1	6.1, 71° (a)	20
2903	Pesticide, liquid, toxic, flammable, n.o.s.	663	6.1 + 3	6.1, 72° (a)	20
2920	Corrosive liquid, flammable, n.o.s.	883	8 + 3	8, 68° (a)	20
2921	Corrosive solid, flammable, n.o.s.	884	8 + 4.1	8, 67° (a)	20
2922	Corrosive liquid, toxic, n.o.s.	886	8 + 6.1	8, 76° (a)	20
2923	Corrosive solid, toxic, n.o.s.	886	8 + 6.1	8, 75° (a)	20
2924	Flammable liquid, corrosive, n.o.s.	338	3 + 8	3, 26° (a), (b)	20
2927	Toxic liquid, corrosive, organic, n.o.s.	668	6.1 + 8	6.1, 27° (a)	20
2928	Toxic solid, corrosive, organic, n.o.s.	668	6.1 + 8	6.1, 27° (a)	20
2929	Toxic liquid, flammable, organic, n.o.s.	663	6.1 + 3	6.1, 9° (a)	20
2929	Toxic liquid, flammable, organic, n.o.s.	663	6.1 + 3	6.1, 26° (a)1	20
2930	Toxic solid, flammable, organic, n.o.s.	664	6.1 + 4.1	6.1, 26° (a)2	20
2965	Boron trifluoride dimethyl etherate	382	4.3 + 3 + 8	4.3, 2° (a)	0
2966	Thioglycol	60	6.1	6.1, 21° (b)	20
2968	Maneb preparation, stabilized	423	4.3	4.3, 20° (c)	0
2968	Maneb, stabilized	423	4.3	4.3, 20° (c)	0
2983	Ethylene oxide and propylene oxide mixture	336	3 + 6.1	3, 17° (a)	20
2988	Chlorosilanes, water-reactive, flammable, corrosive, n.o.s.	X338	4.3 + 3 + 8	4.3, 1° (a)	0

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
2991	Carbamate pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
2992	Carbamate pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
2993	Arsenical pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
2994	Arsenical pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
2995	Organochlorine pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
2996	Organochlorine pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
2997	Triazine pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
2998	Triazine pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
2999	Phenoxy pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3000	Phenoxy pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3001	Phenylurea pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3002	Phenylurea pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3003	Benzoic acid pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3004	Benzoic acid pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3005	Thiocarbamate pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3006	Thiocarbamate pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3007	Phthalimide pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3008	Phthalimide pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3009	Copper based pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3010	Copper based pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3011	Mercury based pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3012	Mercury based pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3013	Substituted nitrophenol pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3014	Substituted nitrophenol pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
3015	Bipyridilium pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3016	Bipyridilium pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3017	Organophosphorus pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3018	Organophosphorus pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3019	Organotin pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3020	Organotin pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3021	Pesticide, liquid, flammable, toxic, n.o.s.	336	3 + 6.1	3, 41° (a)	20
3023	2-Methyl-2-heptanethiol	663	6.1 + 3	6.1, 20° (a)	20
3024	Coumarin derivative pesticide, liquid, flammable, toxic	336	3 + 6.1	3, 41° (a)	20
3025	Coumarin derivative pesticide, liquid, toxic, flammable	663	6.1 + 3	6.1, 72° (a)	20
3026	Coumarin derivative pesticide, liquid, toxic	66	6.1	6.1, 71° (a)	20
3027	Coumarin derivative pesticide, solid, toxic	66	6.1	6.1, 73° (a)	20
3049	Metal alkyl halides, water-reactive, n.o.s. or metal aryl halides, water-reactive, n.o.s.	X333	4.2 + 4.3	4.2, 32° (a)	0
3050	Metal alkyl hydrides, water-reactive, n.o.s. or metal aryl hydrides, water-reactive, n.o.s.	X333	4.2 + 4.3	4.2, 32° (a)	0
3051	Aluminium alkyls	X333	4.2 + 4.3	4.2, 31° (a)	0
3052	Aluminium alkyl halides	X333	4.2 + 4.3	4.2, 32° (a)	0
3053	Magnesium alkyls	X333	4.2 + 4.3	4.2, 31° (a)	0
3076	Aluminium alkyl hydrides	X333	4.2 + 4.3	4.2, 32° (a)	0
3086	Toxic solid, oxidizing, n.o.s.	665	6.1 + 05	6.1, 68° (a)	20
3122	Toxic liquid, oxidizing, n.o.s.	665	6.1 + 05	6.1, 68° (a)	20
3123	Toxic liquid, water-reactive, n.o.s.	623	6.1 + 4.3	6.1, 44° (a), (b)	20
3124	Toxic solid, self-heating, n.o.s.	664	6.1 + 4.2	6.1, 66° (a)	20
3129	Water-reactive liquid, corrosive, n.o.s.	X382	4.3 + 8	4.3, 25° (a)	0
3129	Water-reactive liquid, corrosive, n.o.s.	382	4.3 + 8	4.3, 25° (b), (c)	0
3130	Water-reactive liquid, toxic, n.o.s.	X362	4.3 + 6.1	4.3, 23° (a)	0

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
3130	Water-reactive liquid, toxic, n.o.s.	362	4.3 + 6.1	4.3, 23° (b), (c)	0
3131	Water-reactive solid, corrosive, n.o.s.	482	4.3 + 8	4.3, 24° (b), (c)	0
3134	Water-reactive solid, toxic, n.o.s.	462	4.3 + 6.1	4.3, 22° (b), (c)	0
3140	Alkaloids or alcaloid salts, liquid, n.o.s.	66	6.1	6.1, 90° (a)	20
3142	Disinfectant, liquid, toxic, n.o.s.	66	6.1	6.1, 25° (a)	20
3143	Dye, solid, toxic, n.o.s.	66	6.1	6.1, 25° (a)	20
3143	Dye, intermediate, solid, toxic, n.o.s.	66	6.1	6.1, 25° (a)	20
3144	Nicotine compound or nicotine preparation, liquid, n.o.s.	66	6.1	6.1, 90° (a)	20
3146	Organotin compound, solid, n.o.s.	66	6.1	6.1, 32° (a)	20
3148	Water-reactive liquid, n.o.s.	X323	4.3	4.3, 21° (a)	0
3148	Water-reactive liquid, n.o.s.	323	4.3	4.3, 21° (b)	0
3151	Polyhalogenated biphenyls, liquid	90	9	9, 2° (b)	0
3151	Polyhalogenated terphenyls, liquid	90	9	9, 2° (b)	0
3152	Polyhalogenated biphenyls, solid	90	9	9, 2° (b)	0
3152	Polyhalogenated terphenyls, solid	90	9	9, 2° (b)	0
3172	Toxins, extracted from living sources, n.o.s.	66	6.1	6.1, 90° (a)	20
3194	Pyrophoric liquid, inorganic, n.o.s.	333	4.2	4.2, 17° (a)	0
3203	Pyrophoric organometallic compound, water-reactive, n.o.s.	X333	4.2 + 4.3	4.2, 33° (a)	0
3207	Organometallic compound, or solution, or dispersion, water-reactive, flammable, n.o.s.	X323	4.3 + 3	4.3, 3° (a)	0
3207	Organometallic compound, or solution, or dispersion, water-reactive, flammable, n.o.s.	323	4.3 + 3	4.3, 3° (b)	0
3246	Methanesulphonyl chloride	668	6.1 + 8	6.1, 27° (a)	20
3275	Nitriles, toxic, flammable, n.o.s.	663	6.1 + 3	6.1, 11° (a)	20
3276	Nitriles, toxic, n.o.s.	66	6.1	6.1, 12° (a)	20
3278	Organophosphorus compound, toxic, n.o.s.	66	6.1	6.1, 23° (a)	20
3279	Organophosphorus compound, toxic, flammable, n.o.s.	663	6.1 + 3	6.1, 9° (a)	20

Substance Identification No. (United Nations list)	Name of substance	Hazard Identification No.	Label	ADR class and item number	Maximum gross mass in kilograms of dangerous substance per transport unit (ADR marginal 10011)
3280	Organoarsenic compound, n.o.s.	66	6.1	6.1, 34° (a)	20
3281	Metal carbonyls, n.o.s.	66	6.1	6.1, 36° (a)	20
3282	Organometallic compound, toxic, n.o.s.	66	6.1	6.1, 35° (a)	20
3283	Selenium compound, n.o.s.	66	6.1	6.1, 55° (a)	20
3287	Toxic liquid, inorganic, n.o.s.	66	6.1	6.1, 65° (a)	20
3288	Toxic solid, inorganic, n.o.s.	66	6.1	6.1, 65° (a)	20
3289	Toxic liquid, corrosive, inorganic, n.o.s.	668	6.1 + 8	6.1, 67° (a)	20
3290	Toxic solid, corrosive, inorganic, n.o.s.	668	6.1 + 8	6.1, 67° (a)	20
3294	Hydrogen cyanide, solution in alcohol	663	6.1 + 3	6.1, 2°	0
3310	Liquefied gas, toxic, oxidizing, corrosive, n.o.s.	265	6.1 + 05 + 8	2, 2°TOC	20
3318	Ammonia solution with more than 50% ammonia	268	6.1 + 8	2, 4°TC	

Note: n.o.s. - not otherwise specified.

(Signed): A.B. PINSON
 Chief, Motor Transport Department
 2 August 1999
