



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)  
MEETING OF THE WORKING GROUP OF THE WHOLE**

Auckland, New Zealand, 4 to 8 May 2009

**Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2011/2012 Edition**

**2.3: Part 3 — Dangerous Goods List, Special Provisions and Limited and Excepted Quantities**

**DRAFT AMENDMENTS TO THE TECHNICAL INSTRUCTIONS TO ALIGN TO THE UN  
RECOMMENDATIONS — TABLE 3-1**

(Presented by the Secretary)

**SUMMARY**

This working paper contains draft amendments to Table 3-1 of the Technical Instructions to reflect the decisions taken by the UN Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals at its fourth session (Geneva, 12 December 2008). It also reflects amendments agreed by DGP-WG08 (The Hague, 3 to 7 November 2008).

The DGP-WG is invited to agree to the draft amendments in this working paper.

**Part 3**

**DANGEROUS GOODS LIST,  
SPECIAL PROVISIONS AND  
LIMITED AND EXCEPTED QUANTITIES**

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**Chapter 2**

**ARRANGEMENT OF THE  
DANGEROUS GOODS LIST (TABLE 3-1)**

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*Editorial Note.*— Amendments agreed by DGP-WG/08 are printed with a shaded background.

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Powder, smokeless†</b>	0509	1.4C							FORBI	DDEN	FORBI	DDEN
<b>Air, compressed</b>	1002	2.2		Gas non-flammable		A124		E1	200	75 kg	200	150 kg
<b>Ethylene oxide</b>	1040	2.3	2.1		AU 1 CA 7 GB 3 IR 3 NL 1 US 3 US 4	A2 A131 A166			FORBI	DDEN	FORBI	DDEN
<b>Ethylene oxide with nitrogen up to a total pressure of 1 MPa at 50°C</b>	1040	2.3	2.1		AU 1 CA 7 GB 3 IR 3 NL 1 US 3 US 4	A2 A166			FORBI	DDEN	FORBI	DDEN
<b>Oxygen, compressed</b>	1072	2.2	5.1	Gas non-flammable & Oxidizer	US 18	A177		E0	200	75 kg	200	150 kg
<b>Dimethyldichlorosilane</b>	1162	3	8	Liquid flammable & Corrosive			II		305 3xx	1 L	307 3xx	5 L
<b>Ethyltrichlorosilane</b>	1196	3	8	Liquid flammable & Corrosive			II		306 3xx	1 L	304 3xx	5 L
<b>Methyltrichlorosilane</b>	1250	3	8	Liquid flammable & Corrosive			II		306 3xx	1 L	304 3xx	5 L
<b>Perfumery products with flammable solvents</b>	1266	3		Liquid flammable		A3 A72	II	E2	305 Y305	5 L 1 L	307	60 L
							III	E1	309 Y309	60 L 10 L	310	220 L
<b>Petroleum crude oil</b>	1267	3		Liquid flammable		A3 A179	I	E3	302	1 L	303	30 L
							II	E2	305 Y305	5 L 1 L	307	60 L
							III	E1	309 Y309	60 L 10 L	310	220 L
<b>Trimethylchlorosilane</b>	1298	3	8	Liquid flammable & Corrosive			II		306 3xx	1 L	304 3xx	5 L
<b>Vinyltrichlorosilane</b>	1305	3	8	Liquid flammable & Corrosive			II		306 3xx	1 L	304 3xx	5 L

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Metal catalyst, wetted*</b> , with a visible excess of liquid	1378	4.2		Spontaneous combustion	AU 1 CA 7 GB 3 IR 3 NL 1 US 3	A1	II	E0	FORBI	DDEN	416	50 kg
<b>Alkali metal dispersion</b>	1391	4.3		Danger if wet		A84 A147	I	E0	FORBI	DDEN	409	1 L
<b>Alkaline earth metal dispersion</b>	1391	4.3		Danger if wet		A85 A147	I	E0	FORBI	DDEN	409	1 L
<b>Bromates, inorganic, n.o.s.*</b>	1450	5.1		Oxidizer		A172	II	E2	508 Y508	5 kg 2.5 kg	511	25 kg
<b>Chlorates, inorganic, n.o.s.*</b>	1461	5.1		Oxidizer		A173	II	E2	509 Y509	5 kg 2.5 kg	512	25 kg
<b>Chlorites, inorganic, n.o.s.*</b>	1462	5.1		Oxidizer		A174	II	E2	509 Y509	5 kg 2.5 kg	512	25 kg
<b>Lithium hypochlorite, dry</b>	1471	5.1		Oxidizer		A3	II	E2	509 Y509	5 kg 2.5 kg	512	25 kg
							III	E1	517 Y517	25 kg 5 kg	519	100 kg
<b>Lithium hypochlorite mixture</b>	1471	5.1		Oxidizer		A3	II	E2	509 Y509	5 kg 2.5 kg	512	25 kg
							III	E1	517 Y517	25 kg 5 kg	519	100 kg
<b>Permanganates, inorganic, n.o.s.*</b>	1482	5.1		Oxidizer		A3 A37 A175	II III	E2 E1	508 Y508 516 Y516	5 kg 2.5 kg 25 kg 10 kg	511 518	25 kg 100 kg
<b>Tetranitromethane</b>	1510	5.1	6.1						FORBI	DDEN	FORBI	DDEN
<b>Antimony compound, inorganic, solid, n.o.s.*</b>	1549	6.1		Toxic		A12	III	E1	619 Y619	100 kg 10 kg	619	200 kg
<b>Arsenic compound, liquid, n.o.s.*</b> , inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides	1556	6.1		Toxic		A3 A4 A6	I II III	E5 E4 E1	603 609 Y609 611 Y611	1 L 5 L 1 L 60 L 2 L	604 611 618	30 L 60 L 220 L
<b>Arsenic compound, solid, n.o.s.*</b> , inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides	1557	6.1		Toxic	US 4	A3 A5 A6	I II III	E5 E4 E1	606 613 Y613 619 Y619	5 kg 25 kg 1 kg 100 kg 10 kg	607 615 619	50 kg 100 kg 200 kg
<b>Barium compound, n.o.s.*</b>	1564	6.1		Toxic		A3 A82	II III	E4 E1	613 Y613 619 Y619	25 kg 1 kg 100 kg 10 kg	615 619	100 kg 200 kg

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Beryllium compound, n.o.s.*	1566	6.1		Toxic	US 4	A3	II	E4	613 Y613 619 Y619	25 kg 1 kg 100 kg 10 kg	615 619	100 kg 200 kg
Chloropicrin mixture, n.o.s.*	1583	6.1			AU 1 CA 7 GB 3 IR 3 NL 1 US 3	A2 A3 A137			FORBI	DDEN	FORBI	DDEN
Motor fuel anti-knock mixture	1649	6.1		Toxic	AU 1 CA 7 GB 3 IR 3 NL 1 US 3	A1 A447	I	E0	FORBI	DDEN	605	30 L
Nicotine compound, solid, n.o.s.*	1655	6.1		Toxic	US 4	A3 A5 A6	I II	E5 E4	606 613 Y613 619 Y619	5 kg 25 kg 1 kg 100 kg 10 kg	607 615 619	50 kg 100 kg 200 kg
Nicotine preparation, solid, n.o.s.*	1655	6.1		Toxic	US 4	A3 A5 A6	I II III	E5 E4 E1	606 613 Y613 619 Y619	5 kg 25 kg 1 kg 100 kg 10 kg	607 615 619	50 kg 100 kg 200 kg
Allyltrichlorosilane stabilized	1724	8	3	Corrosive & Liquid flammable		A1	II		FORBI	DDEN	843 8xx	30 L
Amyltrichlorosilane	1728	8	3	Corrosive & Liquid flammable		A1	II		FORBI	DDEN	843 8xx	30 L
Butyltrichlorosilane	1747	8	3	Corrosive & Liquid flammable		A1	II		FORBI	DDEN	843 8xx	30 L
Calcium hypochlorite, dry	1748	5.1		Oxidizer	US 4	A435 A136	II III	E2 E1	509 Y509 517 Y517	5 kg 2.5 kg 25 kg 10 kg	512 519	25 kg 100 kg
Chlorophenyltrichlorosilane	1753	8	3	Corrosive & Liquid flammable		A1	II		FORBI	DDEN	843 8xx	30 L
Cyclohexenyltrichlorosilane	1762	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Cyclohexyltrichlorosilane	1763	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Dichlorophenyltrichlorosilane	1766	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Diethyldichlorosilane	1767	8	3	Corrosive & Liquid flammable		A1	II		FORBI	DDEN	843 8xx	30 L
Diphenyldichlorosilane	1769	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Dodecyltrichlorosilane	1771	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Hexadecyltrichlorosilane	1781	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Hexyltrichlorosilane	1784	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Nonyltrichlorosilane	1799	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Octadecyltrichlorosilane	1800	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Octyltrichlorosilane	1801	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Phenyltrichlorosilane	1804	8		Corrosive		A1	II		FORBI	DDEN	843 8xx	30 L
Phosphorus oxychloride	1810	8.1	8		AU 1 CA 7 GB 3 IR 3 NL 1 US 3	A2			FORBI	DDEN	FORBI	DDEN
Propyltrichlorosilane	1816	8	3	Corrosive & Liquid flammable		A1	II		FORBI	DDEN	843 8xx	30 L
Silicon tetrachloride	1818	8		Corrosive		A1	II		808 FORBI Y808	1L DDEN 0.5L	842 8xx	30 L
Sulphuryl chloride	1834	8.1	8						FORBI	DDEN	FORBI	DDEN
Titanium tetrachloride	1838	8.1	8		AU 1 CA 7 GB 3 IR 3 NL 1 US 3	A2			FORBI	DDEN	FORBI	DDEN
Carbon dioxide, solid	1845	9		Miscellaneous		A48 A151	III	E0	904	200 kg	904	200 kg
Dry ice	1845	9		Miscellaneous		A48 A151	III	E0	904	200 kg	904	200 kg
Cyanide solution, n.o.s.*	1935	6.1		Toxic		A3	I II III	E5 E4 E1	610 617 Y617 612 Y612	1 L 5 L 1 L 60 L 2 L	605 612 620	30 L 60 L 220 L
Aerosols, flammable	1950	2.1		Gas flammable		A145 A153 A168		E0	203 Y203	75 kg 30 kg G	203	150 kg

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Aerosols</b> , flammable, containing substances in Division 6.1, Packing Group III and substances in Class 8, Packing Group III	1950	2.1	6.1 8	Gas flammable & Toxic & Corrosive		A145 A153 <a href="#">A168</a>		E0	203 Y203	75 kg 30 kg G	203	150 kg
<b>Aerosols</b> , flammable, corrosive, containing substances in Class 8, Packing Group III	1950	2.1	8	Gas flammable & Corrosive		A145 A153 <a href="#">A168</a>		E0	203 Y203	75 kg 30 kg G	203	150 kg
<b>Aerosols</b> , flammable (engine starting fluid)	1950	2.1		Gas flammable	AU 1 CA 7 GB 3 IR 3 NL 1 US 3	A1 A145 A153 <a href="#">A168</a>		E0	FORBI	DDEN	203	150 kg
<b>Aerosols</b> , flammable, toxic, containing substances in Division 6.1, Packing Group III	1950	2.1	6.1	Gas flammable & Toxic		A145 A153 <a href="#">A168</a>		E0	203 Y203	75 kg 30 kg G	203	150 kg
<b>Aerosols</b> , non-flammable	1950	2.2		Gas non-flammable		A98 A145 A153 <a href="#">A168</a>		E0	203 or 204 Y203 or Y204	75 kg 30 kg G	203 or 204	150 kg
<b>Aerosols</b> , non-flammable, containing substances in Division 6.1, Packing Group III and substances in Class 8, Packing Group III	1950	2.2	6.1 8	Gas non-flammable & Toxic & Corrosive		A145 A153 <a href="#">A168</a>		E0	203 Y203	75 kg 30 kg G	203	150 kg
<b>Aerosols</b> , non-flammable, corrosive, containing substances in Class 8, Packing Group III	1950	2.2	8	Gas non-flammable & Corrosive		A145 A153 <a href="#">A168</a>		E0	203 Y203	75 kg 30 kg G	203	150 kg
<b>Aerosols</b> , non-flammable, (tear gas devices)	1950	2.2	6.1	Gas non-flammable & Toxic	AU 1 CA 7 GB 3 IR 3 NL 1 US 3	A1 A145 A153 <a href="#">A168</a>		E0	FORBI	DDEN	212	50 kg
<b>Aerosols</b> , non-flammable, toxic, containing substances in Division 6.1, Packing Group III	1950	2.2	6.1	Gas non-flammable & Toxic		A145 A153 <a href="#">A168</a>		E0	203 Y203	75 kg 30 kg G	203	150 kg
<b>Aerosols</b> , oxidizing	1950	2.2	5.1	Gas non-flammable & Oxidizer		A145 A153 <a href="#">A168</a>		E0	203	75 kg	203	150 kg
<b>Compressed gas</b> , n.o.s.*	1956	2.2		Gas non-flammable		A424		E1	200	75 kg	200	150 kg
<b>Nitrogen, refrigerated liquid</b>	1977	2.2		Gas non-flammable		A152 <a href="#">A169</a> <a href="#">A170</a>		E1	202	50 kg	202	500 kg
<b>Tars, liquid</b> , including road-asphalt and oils, <a href="#">and cutback bitumens</a> and <a href="#">cut-backs</a>	1999	3		Liquid flammable		A3	II  III	E2  E1	305 Y305 309 Y309	5 L 1 L 60 L 10 L	307  310	60 L  220 L

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Mercury compound, liquid, n.o.s.*</b>	2024	6.1		Toxic		A3 A4 A6 A18	I II  III	E5 E4  E1	610 617 Y617 612 Y612	1 L 5 L 1 L 60 L 2 L	605 612  620	30 L 60 L  220 L
<b>Mercury compound, solid, n.o.s.*</b>	2025	6.1		Toxic		A3 A5 A6 A18	I II  III	E5 E4  E1	606 613 Y613 619 Y619	5 kg 25 kg 1 kg 100 kg 10 kg	607 615  619	50 kg 100 kg  200 kg
<b>Phenylmercuric compound, n.o.s.*</b>	2026	6.1		Toxic		A3 A5 A6	I II  III	E5 E4  E1	606 613 Y613 619 Y619	5 kg 25 kg 1 kg 100 kg 10 kg	607 615  619	50 kg 100 kg  200 kg
<b>Hydrazine, aqueous solution</b> with more than 37% hydrazine by mass	2030	8	6.1	Corrosive & Toxic	AU 1 CA 7 GB 3 IR 3 NL 1 US 3	A1 A36 A447	I II III	E0 E0 E1	FORBI FORBI 818 Y818	DDEN DDEN 5 L 1 L	809 812 820	2.5 L 30 L 60 L
<b>Gas cartridges</b> (flammable) without a release device, non-refillable	2037	2.1		Gas flammable		<u>A168</u>		E0	203 Y203	1 kg 1 kg	203	15 kg
<b>Gas cartridges</b> (non-flammable) without a release device, non-refillable	2037	2.2		Gas non-flammable		A98 <u>A168</u>		E0	203 Y203	1 kg 1 kg	203	15 kg
<b>Gas cartridges</b> (oxidizing) without a release device, non-refillable	2037	2.2	5.1	Gas non-flammable & Oxidizer		<u>A168</u>		E0	203	1 kg	203	15 kg
<b>Calcium hypochlorite mixture, dry</b> with more than 10% but not more than 39% available chlorine	2208	5.1		Oxidizer		A135 A136	III	E1	517 Y517	25 kg 10 kg	519	100 kg
<b>Lead compound, soluble, n.o.s.*</b>	2291	6.1		Toxic		A92	III	E1	619 Y619	100 kg 10 kg	619	200 kg
<b>Dibenzylchlorosilane</b>	2434	8		Corrosive		<u>A1</u>	II		808 FORBI Y808	4L DDEN 0.5L	842 <u>8xx</u>	30 L
<b>Ethylphenyldichlorosilane</b>	2435	8		Corrosive		A1	II		FORBI	DDEN	843 <u>8xx</u>	30 L
<b>Methylphenyldichlorosilane</b>	2437	8		Corrosive		<u>A1</u>	II		808 FORBI	4L DDEN	842 <u>8xx</u>	30 L
<b>Ethyl isocyanate</b>	2481	<del>3</del> 6.1	6.1 <u>3</u>	<u>Toxic</u> & Liquid flammable & Toxic	US 2	<u>A176</u>	I	E0	FORBI	DDEN	304	30 L
<b>Isopropyl isocyanate</b>	2483	<del>3</del> 6.1	6.1 <u>3</u>						FORBI	DDEN	FORBI	DDEN

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1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Isobutyl isocyanate</b>	2486	<del>3</del> 6.1	<del>6</del> 4.3	<b>Toxic &amp; Liquid flammable &amp; Toxic</b>	US 2	<b>A176</b>	III	<del>E2</del> <b>E0</b>	306 Y306	1 L 1 L	308	60 L
<b>Cadmium compound*</b>	2570	6.1		Toxic	US 4	A3 A5	I II III	E5 E4 E1	606 613 Y613 619 Y619	5 kg 25 kg 1 kg 100 kg 10 kg	607 615 619	50 kg 100 kg 200 kg
<b>Methoxymethyl isocyanate</b>	2605	<del>3</del> 6.1	<del>6</del> 4.3						FORBI	DDEN	FORBI	DDEN
<b>Nitrites, inorganic, n.o.s.*</b>	2627	5.1		Oxidizer		A33	II	E2	508 Y508	5 kg 2.5 kg	511	25 kg
<b>Selenates*</b>	2630	6.1		Toxic	US 4		I	E5	606	5 kg	607	50 kg
<b>Selenites*</b>	2630	6.1		Toxic	US 4		I	E5	606	5 kg	607	50 kg
<b>Chloroformates, toxic, corrosive, flammable, n.o.s.*</b>	2742	6.1	3 8	Toxic & Liquid flammable & Corrosive			II	E4	609 Y609	1 L 0.5 L	611	30 L
<b>Fluorosilicates, n.o.s.*</b>	2856	6.1		Toxic			III	E1	619 Y619	100 kg 10 kg	619	200 kg
<b>Calcium hypochlorite, hydrated with not less than 5.5% but not more than 16% water</b>	2880	5.1		Oxidizer	US 4	A3 A8 A135 A136	II III	E2 E1	508 Y508 516 Y516	5 kg 2.5 kg 25 kg 10 kg	511 518	25 kg 100 kg
<b>Calcium hypochlorite, hydrated mixture with not less than 5.5% but not more than 16% water</b>	2880	5.1		Oxidizer	US 4	A3 A8 A135 A136	II III	E2 E1	508 Y508 516 Y516	5 kg 2.5 kg 25 kg 10 kg	511 518	25 kg 100 kg
<b>Metal catalyst, dry*</b>	2881	4.2		Spontaneous combustion		A3 A36	II III	E0 E1	FORBI FORBI 422	DDEN DDEN 25 KG	FORBI 416 421	DDEN 50 kg 100 kg
<b>Radioactive material, excepted package — limited quantity of material</b>	2910	7		None		<b>A23</b> A130			See	Part 1;6		
<b>Radioactive material, Type B(U) package, non-fissile or fissile excepted</b>	2916	7		Radioactive	CA 1	<b>A23</b> A78 A139 A160			See	Part 2;7	and Part	4;9
<b>Radioactive material, Type B(M) package, non-fissile or fissile excepted</b>	2917	7		Radioactive	CA 1	<b>A23</b> A78 A139 A160			See	Part 2;7	and Part	4;9
<b>Radioactive material, transported under special arrangement, non-fissile or fissile excepted</b>	2919	7		Radioactive	CA 1	<b>A23</b> A78 A139			See	Part 2;7	and Part	4;9



Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Chlorosilanes, flammable, corrosive, n.o.s.	2985	3	8	Liquid flammable & Corrosive			II		305 <del>3xx</del>	1 L	307 <del>3xx</del>	5 L
Chlorosilanes, corrosive, flammable, n.o.s.	2986	8	3	Corrosive & Liquid flammable		A1	II		808 <del>FORBI</del>	1L <del>DDEN</del>	842 <del>8xx</del>	30 L
Chlorosilanes, corrosive, n.o.s.	2987	8		Corrosive		A1	II		808 <del>FORBI</del>	1L <del>DDEN</del>	842 <del>8xx</del>	30 L
Methacrylonitrile, stabilized	3079	<del>36.1</del>	<del>6.1</del> 3						FORBI	DDEN	FORBI	DDEN
Antimony compound, inorganic, liquid, n.o.s.*	3141	6.1		Toxic		A12	III	E1	611 Y611	60 L 2 L	618	220 L
Nicotine compound, liquid, n.o.s.*	3144	6.1		Toxic	US 4	A3 A4 A6	I II III	E5 E4 E1	603 609 Y609 611 Y611	1 L 5 L 1 L 60 L 2 L	604 611 618	30 L 60 L 220 L
Nicotine preparation, liquid, n.o.s.*	3144	6.1		Toxic	US 4	A3 A4 A6	I II III	E5 E4 E1	603 609 Y609 611 Y611	1 L 5 L 1 L 60 L 12 L	604 611 618	30 L 60 L 220 L
<u>Engine, fuel cell, flammable gas powered</u>	<u>3166</u>	<u>9</u>		<u>Miscellaneous</u>		<u>A67</u> <u>A70</u> <u>A87</u> <u>A134</u> <u>A178</u>		<u>E0</u>	<u>FORBI</u>	<u>DDEN</u>	<u>900</u>	<u>No limit</u>
<u>Engine, fuel cell, flammable liquid powered</u>	<u>3166</u>	<u>9</u>		<u>Miscellaneous</u>		<u>A67</u> <u>A70</u> <u>A87</u> <u>A134</u> <u>A178</u>		<u>E0</u>	<u>900</u>	<u>No limit</u>	<u>900</u>	<u>No limit</u>
<u>Vehicle, fuel cell, flammable gas powered</u>	<u>3166</u>	<u>9</u>		<u>Miscellaneous</u>		<u>A67</u> <u>A70</u> <u>A87</u> <u>A118</u> <u>A120</u> <u>A134</u> <u>A178</u>		<u>E0</u>	<u>FORBI</u>	<u>DDEN</u>	<u>900</u>	<u>No limit</u>
<u>Vehicle, fuel cell, flammable liquid powered</u>	<u>3166</u>	<u>9</u>		<u>Miscellaneous</u>		<u>A67</u> <u>A70</u> <u>A87</u> <u>A118</u> <u>A120</u> <u>A134</u> <u>A178</u>		<u>E0</u>	<u>900</u>	<u>No limit</u>	<u>900</u>	<u>No limit</u>

Remove "s" from "Engines" in 3166, Engines, internal combustion, flammable gas powered and 3166, Engines, internal combustion, flammable liquid powered to align with UN

Chlorates, inorganic, aqueous solution, n.o.s.*	3210	5.1		Oxidizer		A3 A173	II III	E2 E1	501 Y501 506 Y506	1 L 0.5 L 2.5 L 1 L	506 507	5 L 30 L
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Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Hypochlorites, inorganic, n.o.s.*	3212	5.1		Oxidizer		A171	II	E2	509 Y509	5 kg 2.5 kg	512	25 kg
Bromates, inorganic, aqueous solution, n.o.s.*	3213	5.1		Oxidizer		A3 A172	II III	E2 E1	503 Y503 514 Y514	1 L 0.5 L 2.5 L 1 L	505 515	5 L 30 L
Permanganates, inorganic, aqueous solution, n.o.s.*	3214	5.1		Oxidizer		A37 A175	II	E2	503 Y503	1 L 0.5 L	505	5 L
Nitrites, inorganic, aqueous solution, n.o.s.*	3219	5.1		Oxidizer		A3 A33	II III	E2 E1	503 Y503 514 Y514	1 L 0.5 L 2.5 L 1 L	505 515	5 L 30 L
Elevated temperature liquid, flammable, n.o.s.*, with flash point above 60°C, at or above its flash point	3256	3							FORBIDDEN	FORBIDDEN	FORBIDDEN	FORBIDDEN
Elevated temperature liquid, n.o.s.*, at or above 100°C and below its flash point (including molten metals, molten salts, etc.)	3257	9							FORBIDDEN	FORBIDDEN	FORBIDDEN	FORBIDDEN
Elevated temperature solid, n.o.s.*, at or above 240°C	3258	9							FORBIDDEN	FORBIDDEN	FORBIDDEN	FORBIDDEN
Selenium compound, solid, n.o.s.*	3283	6.1		Toxic		A3 A5	I II III	E5 E4 E1	606 613 Y613 619 Y619	5 kg 25 kg 1 kg 100 kg 10 kg	607 615 619	50 kg 100 kg 200 kg
Tellurium compound, n.o.s.*	3284	6.1		Toxic		A3 A5	I II III	E5 E4 E1	606 613 Y613 619 Y619	5 kg 25 kg 1 kg 100 kg 10 kg	607 615 619	50 kg 100 kg 200 kg
Vanadium compound, n.o.s.*	3285	6.1		Toxic		A3 A5	I II III	E5 E4 E1	606 613 Y613 619 Y619	5 kg 25 kg 1 kg 100 kg 10 kg	607 615 619	50 kg 100 kg 200 kg
Radioactive material, Type C package, non-fissile or fissile excepted	3323	7		Radioactive	CA 1	A23 A78 A139			See	Part 2;7	and Part	4;9
Radioactive material, Type B(U) package, fissile	3328	7		Radioactive	CA 1	A76 A78 A160			See	Part 2;7	and Part	4;9
Radioactive material, Type B(M) package, fissile	3329	7		Radioactive	CA 1	A76 A78 A160			See	Part 2;7	and Part	4;9
Radioactive material, Type C package, fissile	3330	7		Radioactive	CA 1	A76 A78			See	Part 2;7	and Part	4;9

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Radioactive material, transported under special arrangement, fissile	3331	7		Radioactive	CA 1	A76 A78			See	Part 2;7	and Part	4;9
Chlorosilanes, toxic, corrosive, n.o.s.*	3361	6.1	8	Toxic & Corrosive			II		609 6xx	1 L	611 6xx	30 L
Chlorosilanes, toxic, corrosive, flammable, n.o.s.*	3362	6.1	3 8	Toxic & Liquid flammable & Corrosive			II	E4	609	1 L	611	30 L
Chlorosilanes, toxic, corrosive, flammable, n.o.s.	3362	6.1	3 8	Toxic & Liquid flammable & Corrosive			II		609 6xx	1 L	611 6xx	30 L
Selenium compound, liquid, n.o.s.*	3440	6.1		Toxic		A3 A4	I II III	E5 E4 E1	603 609 Y609 611 Y611	1 L 5 L 1 L 60 L 2 L	604 611 618	30 L 60 L 220 L
Hydrogen in a metal hydride storage system	3468	2.1		Gas flammable		A1 A143 A178		E0	FORBI	DDEN	214	100 kg G
Hydrogen in a metal hydride storage system contained in equipment	3468	2.1		Gas flammable		A1 A143 A178		E0	FORBI	DDEN	214	100 kg G
Hydrogen in a metal hydride storage system packed with equipment	3468	2.1		Gas flammable		A1 A143 A178		E0	FORBI	DDEN	214	100 kg G
1-Hydroxybenzotriazole, anhydrous, wetted with not less than 20% water, by mass monohydrate	3474	4.1		Solid flammable		A40	I	E0	416	0.5 kg	416	0.5 kg
Alkali metal dispersion, flammable	3482	4.3	3	Danger if wet & Liquid flammable		A84 A85	I	E0	FORBI	DDEN	409	1 L
Alkaline earth metal dispersion, flammable	3482	4.3	3	Danger if wet & Liquid flammable		A84 A85	I	E0	FORBI	DDEN	409	1 L
Motor fuel anti-knock mixture, flammable	3483	6.1	3	Toxic & Liquid flammable					FORBI	DDEN	FORBI	DDEN
Hydrazine aqueous solution, flammable with more than 37% hydrazine, by mass	3484	8	3 6.1	Corrosive & Liquid flammable & Toxic			I	E0	FORBI	DDEN	813	2.5 L
Calcium hypochlorite, dry, corrosive with more than 39% available chlorine (8.8% available oxygen)	3485	5.1	8	Oxidizer & Corrosive		A136	II	E2	508 Y508	5 kg 2.5 kg	511	25 kg
Calcium hypochlorite mixture, dry, corrosive with more than 39% available chlorine (8.8% available oxygen)	3485	5.1	8	Oxidizer & Corrosive		A136	II	E2	508 Y508	5 kg 2.5 kg	511	25 kg
Calcium hypochlorite mixture, dry, corrosive with more than 10% but not more than 39% available chlorine	3486	5.1	8	Oxidizer & Corrosive		A136	III	E1	516 Y516	25 kg 5 kg	518	100 kg

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
<u>Calcium hypochlorite, hydrated, corrosive with not less than 5.5% but not more than 16% water</u>	<u>3487</u>	<u>5.1</u>	<u>8</u>	<u>Oxidizer &amp; Corrosive</u>		<u>A136 A8</u>	<u>II</u>	<u>E2</u>	<u>508 Y508</u>	<u>5 kg 2.5 kg</u>	<u>511</u>	<u>25 kg</u>
<u>Calcium hypochlorite, hydrated mixture, corrosive with not less than 5.5% but not more than 16% water</u>	<u>3487</u>	<u>5.1</u>	<u>8</u>	<u>Oxidizer &amp; Corrosive</u>		<u>A136 A8</u>	<u>II</u>	<u>E2</u>	<u>508 Y508</u>	<u>5 kg 2.5 kg</u>	<u>511</u>	<u>25 kg</u>
<u>Calcium hypochlorite, hydrated, corrosive, with not less than 5.5% but not more than 16% water</u>	<u>3487</u>	<u>5.1</u>	<u>8</u>	<u>Oxidizer &amp; Corrosive</u>		<u>A3 A136</u>	<u>III</u>	<u>E1</u>	<u>516 Y516</u>	<u>25 kg 5 kg</u>	<u>518</u>	<u>100 kg</u>
<u>Calcium hypochlorite, hydrated mixture, corrosive, with not less than 5.5% but not more than 16% water</u>	<u>3487</u>	<u>5.1</u>	<u>8</u>	<u>Oxidizer &amp; Corrosive</u>		<u>A3 A136</u>	<u>III</u>	<u>E1</u>	<u>516 Y516</u>	<u>25 kg 5 kg</u>	<u>518</u>	<u>100 kg</u>
<u>Toxic by inhalation liquid, flammable, corrosive, n.o.s.* with an inhalation toxicity lower than or equal to 200 ml/m<sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC<sub>50</sub></u>	<u>3488</u>	<u>6.1</u>	<u>3 8</u>	<u>Toxic &amp; Liquid flammable &amp; Corrosive</u>			<u>I</u>	<u>E0</u>	<u>FORBI DDEN</u>		<u>FORBI DDEN</u>	
<u>Toxic by inhalation liquid, flammable, corrosive, n.o.s.* with an inhalation toxicity lower than or equal to 1000 ml/m<sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC<sub>50</sub></u>	<u>3489</u>	<u>6.1</u>	<u>3 8</u>	<u>Toxic &amp; Liquid flammable &amp; Corrosive</u>			<u>I</u>	<u>E0</u>	<u>FORBI DDEN</u>		<u>FORBI DDEN</u>	
<u>Toxic by inhalation liquid, water-reactive, flammable, n.o.s.* with an inhalation toxicity lower than or equal to 200 ml/m<sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC<sub>50</sub></u>	<u>3490</u>	<u>6.1</u>	<u>4.3 3</u>	<u>Toxic &amp; Danger if wet &amp; Liquid flammable</u>			<u>I</u>	<u>E0</u>	<u>FORBI DDEN</u>		<u>FORBI DDEN</u>	
<u>Toxic by inhalation liquid, water-reactive, flammable, n.o.s.* with an inhalation toxicity lower than or equal to 1000 ml/m<sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC<sub>50</sub></u>	<u>3491</u>	<u>6.1</u>	<u>4.3 3</u>	<u>Toxic &amp; Danger if wet &amp; Liquid flammable</u>			<u>I</u>	<u>E0</u>	<u>FORBI DDEN</u>		<u>FORBI DDEN</u>	
<u>Toxic by inhalation liquid, corrosive, flammable, n.o.s.* with an inhalation toxicity lower than or equal to 200 ml/m<sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC<sub>50</sub></u>	<u>3492</u>	<u>6.1</u>	<u>8 3</u>	<u>Toxic &amp; Corrosive &amp; Liquid flammable</u>			<u>I</u>	<u>E0</u>	<u>FORBI DDEN</u>		<u>FORBI DDEN</u>	
<u>Toxic by inhalation liquid, corrosive, flammable, n.o.s.* with an inhalation toxicity lower than or equal to 1000 ml/m<sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC<sub>50</sub></u>	<u>3493</u>	<u>6.1</u>	<u>8 3</u>	<u>Toxic &amp; Corrosive &amp; Liquid flammable</u>			<u>I</u>	<u>E0</u>	<u>FORBI DDEN</u>		<u>FORBI DDEN</u>	
<u>Petroleum sour crude oil, flammable, toxic</u>	<u>3494</u>	<u>3</u>	<u>6.1</u>	<u>Liquid flammable &amp; Toxic</u>		<u>A167</u>	<u>I</u>	<u>E0</u>	<u>FORBI DDEN</u>		<u>303</u>	<u>30 L</u>
<u>Petroleum sour crude oil, flammable, toxic</u>	<u>3494</u>	<u>3</u>	<u>6.1</u>	<u>Liquid flammable &amp; Toxic</u>		<u>A167</u>	<u>II</u>	<u>E2</u>	<u>305 Y305</u>	<u>1 L 1 L</u>	<u>307</u>	<u>60 L</u>
<u>Petroleum sour crude oil, flammable, toxic</u>	<u>3494</u>	<u>3</u>	<u>6.1</u>	<u>Liquid flammable &amp; Toxic</u>		<u>A167</u>	<u>III</u>	<u>E1</u>	<u>309 Y309</u>	<u>60 L 2 L</u>	<u>310</u>	<u>220 L</u>

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
<u>Iodine</u>	<u>3495</u>	<u>8</u>	<u>6.1</u>	<u>Corrosive &amp; Toxic</u>		<u>A113</u>	<u>III</u>	<u>E1</u>	<u>822</u> <u>Y822</u>	<u>25 kg</u> <u>5 kg</u>	<u>823</u>	<u>100 kg</u>

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