

Name	UN No.	Class or division	Sub-sidiary hazard	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									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
PETN, wetted with not less than 25% water, by mass	0150	1.1D							FORBIDDEN		FORBIDDEN	
Petrol	1203	3		Liquid flammable		A100	II	E2	353 Y341	5 L 1 L	364	60 L
Petroleum crude oil	1267	3		Liquid flammable		A3 A177	I II III	E3 E2 E1	351 353 Y341 355 Y344	1 L 5 L 1 L 60 L 10 L	361 364 364 366	30 L 60 L 60 L 220 L
Petroleum distillates, n.o.s.	1268	3		Liquid flammable		A3	I II III	E3 E2 E1	351 353 Y341 355 Y344	1 L 5 L 1 L 60 L 10 L	361 364 366	30 L 60 L 220 L
Petroleum ether, see Petroleum distillates, n.o.s.												
Petroleum gases, liquefied	1075	2.1		Gas flammable	AU 1 CA 7 IR 3 NL 1 US 3	A1		E0	FORBIDDEN		200	150 kg
Petroleum naphtha, see Petroleum distillates, n.o.s.												
Petroleum oil, see Petroleum products, n.o.s.												
Petroleum products, n.o.s.	1268	3		Liquid flammable		A3	I II III	E3 E2 E1	351 353 Y341 355 Y344	1 L 5 L 1 L 60 L 10 L	361 364 366	30 L 60 L 220 L
Petroleum raffinate, see Petroleum distillates, n.o.s.												
Petroleum sour crude oil, flammable, toxic	3494	3	6.1	Liquid flammable & Toxic		A166	I II III	E0 E2 E1	FORBIDDEN 352 Y341 355 Y343	 1 L 1 L 60 L 2 L	361 364 366	30 L 60 L 220 L
Petroleum spirit, see Petroleum distillates, n.o.s.												
Phenacyl bromide	2645	6.1		Toxic			II	E4	669 Y644	25 kg 1 kg	676	100 kg

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Phenetidines	2311	6.1		Toxic		A113	III	E1	655 Y642	60 L 2 L	663	220 L
Phenolates, liquid	2904	8		Corrosive			III	E1	852 Y841	5 L 1 L	856	60 L
Phenolates, solid	2905	8		Corrosive			III	E1	860 Y845	25 kg 5 kg	864	100 kg
Phenol, molten	2312	6.1							FORBIDDEN		FORBIDDEN	
Phenol, solid	1671	6.1		Toxic		A113	II	E4	669 Y644	25 kg 1 kg	676	100 kg
Phenol solution	2821	6.1		Toxic		A3	II	E4	654 Y641	5 L 1 L	662	60 L
							III	E1	655 Y642	60 L 2 L	663	220 L
Phenolsulphonic acid, liquid	1803	8		Corrosive			II	E2	851 Y840	1 L 0.5 L	855	30 L
Phenoxyacetic acid derivative pesticide, liquid, flammable, toxic*, flash point less than 23°C	3346	3	6.1	Liquid flammable & Toxic		A4	I	E0	FORBIDDEN		361	30 L
							II	E2	352 Y341	1 L 1 L	364	60 L
Phenoxyacetic acid derivative pesticide, liquid, toxic*	3348	6.1		Toxic		A3 A4	I	E5	652	1 L	658	30 L
							II	E4	654 Y641	5 L 1 L	662	60 L
							III	E1	655 Y642	60 L 2 L	663	220 L
Phenoxyacetic acid derivative pesticide, liquid, toxic, flammable*, flash point not less than 23°C	3347	6.1	3	Toxic & Liquid flammable		A3 A4	I	E5	652	1 L	658	30 L
							II	E4	654 Y641	5 L 1 L	662	60 L
							III	E1	655 Y642	60 L 2 L	663	220 L
Phenoxyacetic acid derivative pesticide, solid, toxic*	3345	6.1		Toxic		A3 A5	I	E5	666	5 kg	673	50 kg
							II	E4	669 Y644	25 kg 1 kg	676	100 kg
							III	E1	670 Y645	100 kg 10 kg	677	200 kg
Phenylacetonitrile, liquid	2470	6.1		Toxic			III	E1	655 Y642	60 L 2 L	663	220 L
Phenylacetyl chloride	2577	8		Corrosive			II	E2	851 Y840	1 L 0.5 L	855	30 L
Phenylamine, see Aniline												
1-Phenylbutane, see Butylbenzenes												
2-Phenylbutane, see Butylbenzenes												

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1	2	3	4	5	6	7	8	9	10	11	12	13
Phenylcarbylamine chloride	1672	6.1							FORBIDDEN		FORBIDDEN	
Phenyl chloroformate	2746	6.1	8	Toxic & Corrosive			II	E4	653 Y641	1 L 1 L	660	30 L
Phenyl cyanide, see Benzonitrile												
m-Phenylene diaminodiperchlorate (dry)	FORBIDDEN											
Phenylenediamines (o-,m-,p-)	1673	6.1		Toxic		A113	III	E1	670 Y645	100 kg 10 kg	677	200 kg
Phenylethylene, see Styrene monomer, stabilized (UN No. 2055)												
Phenylhydrazine	2572	6.1		Toxic			II	E4	654 Y641	5 L 1 L	662	60 L
Phenyl isocyanate	2487	6.1	3						FORBIDDEN		FORBIDDEN	
Phenylisocyanodichloride, see Phenylcarbylamine chloride												
Phenyl mercaptan	2337	6.1	3		US 4				FORBIDDEN		FORBIDDEN	
Phenylmercuric acetate	1674	6.1		Toxic	US 4	A6	II	E4	669 Y644	25 kg 1 kg	676	100 kg
Phenylmercuric compound, n.o.s.*	2026	6.1		Toxic		A3	I	E5	666	5 kg	673	50 kg
						A5	II	E4	669	25 kg	676	100 kg
						A6			Y644	1 kg		
							III	E1	670 Y645	100 kg 10 kg	677	200 kg
Phenylmercuric hydroxide	1894	6.1		Toxic			II	E4	669 Y644	25 kg 1 kg	676	100 kg
Phenylmercuric nitrate	1895	6.1		Toxic			II	E4	669 Y644	25 kg 1 kg	676	100 kg
Phenylphosphorus dichloride	2798	8		Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A1	II	E0	FORBIDDEN		855	30 L
Phenylphosphorus thiodichloride	2799	8		Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A1	II	E0	FORBIDDEN		855	30 L
2-Phenylpropene, see Isopropenylbenzene												

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1	2	3	4	5	6	7	8	9	10	11	12	13
Phenyltrichlorosilane	1804	8		Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A1	II	E0	FORBIDDEN		876	30 L
Phosgene	1076	2.3	8		AU 1 CA 7 IR 3 NL 1 US 3	A2			FORBIDDEN		FORBIDDEN	
9-Phosphabicyclononanes	2940	4.2		Spontaneous combustion			II	E2	467	15 kg	470	50 kg
Phosphine	2199	2.3	2.1		AU 1 CA 7 IR 3 NL 1 US 3	A2			FORBIDDEN		FORBIDDEN	
Phosphine, adsorbed	3525	2.3	2.1		AU 1 CA 7 IR 3 NL 1 US 3	A2		E0	FORBIDDEN		FORBIDDEN	
Phosphoretted hydrogen, see Phosphine												
Phosphoric acid, anhydrous, see Phosphorus pentoxide												
Phosphoric acid, solid	3453	8		Corrosive			III	E1	860 Y845	25 kg 5 kg	864	100 kg
Phosphoric acid, solution	1805	8		Corrosive		A3	III	E1	852 Y841	5 L 1 L	856	60 L
Phosphorous acid	2834	8		Corrosive			III	E1	860 Y845	25 kg 5 kg	864	100 kg
Phosphorous (V) sulphide, free from yellow and white phosphorous, see Phosphorous pentasulphide												
Phosphorus, amorphous	1338	4.1		Solid flammable			III	E1	446 Y443	25 kg 10 kg	449	100 kg
Phosphorus bromide, see Phosphorus tribromide												
Phosphorus chloride, see Phosphorus trichloride												

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1	2	3	4	5	6	7	8	9	10	11	12	13
Phosphorus heptasulphide , free from yellow and white phosphorus	1339	4.1		Solid flammable			II	E2	445 Y441	15 kg 5 kg	448	50 kg
Phosphorus oxybromide	1939	8		Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A1	II	E0	FORBIDDEN		863	50 kg
Phosphorus oxybromide, molten	2576	8							FORBIDDEN		FORBIDDEN	
Phosphorus oxychloride	1810	6.1	8		AU 1 CA 7 IR 3 NL 1 US 3	A2			FORBIDDEN		FORBIDDEN	
Phosphorus pentabromide	2691	8		Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A1	II	E0	FORBIDDEN		863	50 kg
Phosphorus pentachloride	1806	8		Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A1	II	E0	FORBIDDEN		863	50 kg
Phosphorus pentafluoride	2198	2.3	8		AU 1 CA 7 IR 3 NL 1 US 3	A2			FORBIDDEN		FORBIDDEN	
Phosphorus pentafluoride, adsorbed	3524	2.3	8		AU 1 CA 7 IR 3 NL 1 US 3	A2		E0	FORBIDDEN		FORBIDDEN	
Phosphorus pentasulphide , free from yellow and white phosphorus	1340	4.3	4.1	Danger if wet & Solid flammable	US 4		II	E2	483 Y475	15 kg 5 kg	490	50 kg
Phosphorus pentoxide	1807	8		Corrosive			II	E2	859 Y844	15 kg 5 kg	863	50 kg
Phosphorus sesquisulphide , free from yellow and white phosphorus	1341	4.1		Solid flammable			II	E2	445 Y441	15 kg 5 kg	448	50 kg
Phosphorus sulphochloride, see Thiophosphoryl chloride												

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1	2	3	4	5	6	7	8	9	10	11	12	13
Phosphorus tribromide	1808	8		Corrosive	AU 1 CA 7 IR 3 NL 1 US 3	A1	II	E0	FORBIDDEN		855	30 L
Phosphorus trichloride	1809	6.1	8						FORBIDDEN		FORBIDDEN	
Phosphorus trioxide	2578	8		Corrosive			III	E1	860 Y845	25 kg 5 kg	864	100 kg
Phosphorus trisulphide , free from yellow and white phosphorus	1343	4.1		Solid flammable			II	E2	445 Y441	15 kg 5 kg	448	50 kg
Phosphorus, white, dry	1381	4.2	6.1						FORBIDDEN		FORBIDDEN	
Phosphorus, white, in solution	1381	4.2	6.1						FORBIDDEN		FORBIDDEN	
Phosphorus, white, molten	2447	4.2	6.1						FORBIDDEN		FORBIDDEN	
Phosphorus (white or red) and a chlorate, mixture of	FORBIDDEN											
Phosphorus, white, under water	1381	4.2	6.1						FORBIDDEN		FORBIDDEN	
Phosphorus, yellow, dry	1381	4.2	6.1						FORBIDDEN		FORBIDDEN	
Phosphorus, yellow, in solution	1381	4.2	6.1						FORBIDDEN		FORBIDDEN	
Phosphorus, yellow, under water	1381	4.2	6.1						FORBIDDEN		FORBIDDEN	
Phosphoryl chloride, see Phosphorus oxychloride												
Phthalic anhydride with more than 0.05% of maleic anhydride	2214	8		Corrosive		A74	III	E1	860 Y845	25 kg 5 kg	864	100 kg
Picolines	2313	3		Liquid flammable			III	E1	355 Y344	60 L 10 L	366	220 L
Picramide	0153	1.1D							FORBIDDEN		FORBIDDEN	
Picric acid , dry or wetted with less than 30% water, by mass	0154	1.1D							FORBIDDEN		FORBIDDEN	
Picric acid , wetted with not less than 30% water, by mass	1344	4.1		Solid flammable	BE 3	A40	I	E0	451	1 kg	451	15 kg
Picric acid , wetted with not less than 10% water, by mass	3364	4.1		Solid flammable	BE 3	A40	I	E0	451	0.5 kg	451	0.5 kg
Picrite , dry or wetted with less than 20% water, by mass	0282	1.1D							FORBIDDEN		FORBIDDEN	
Picrite , wetted with not less than 20% water by mass	1336	4.1		Solid flammable	BE 3	A40	I	E0	451	1 kg	451	15 kg

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1	2	3	4	5	6	7	8	9	10	11	12	13
Picrotoxin, see Toxins, extracted from living sources, liquid, n.o.s. (UN No. 3172) or Toxins, extracted from living sources, solid, n.o.s. (UN No. 3462)												
Picryl chloride	0155	1.1D							FORBIDDEN		FORBIDDEN	
Picryl chloride, wetted with not less than 10% water, by mass	3365	4.1		Solid flammable	BE 3	A40	I	E0	451	0.5 kg	451	0.5 kg
alpha-Pinene	2368	3		Liquid flammable			III	E1	355 Y344	60 L 10 L	366	220 L
Pine oil	1272	3		Liquid flammable			III	E1	355 Y344	60 L 10 L	366	220 L
Piperazine	2579	8		Corrosive			III	E1	860 Y845	25 kg 5 kg	864	100 kg
Piperidine	2401	8	3	Corrosive & Liquid flammable			I	E0	850	0.5 L	854	2.5 L
Pivaloyl chloride, see Trimethylacetyl chloride												
Plastic explosives, see Explosive, blasting, type D												
Plastics moulding compound in dough, sheet or extruded rope form evolving flammable vapour	3314	9		Miscellaneous		A38	III	E1	957	100 kg	957	200 kg
Plastics, nitrocellulose-based, self-heating, n.o.s.*	2006	4.2			AU 1 CA 7 IR 3 NL 1 US 3	A2			FORBIDDEN		FORBIDDEN	
Plastic solvent, n.o.s. †, see Flammable liquid, n.o.s.												
Plutonium nitrate solution, see Part 2, Chapter 7												
Poisonous, see Toxic												
Polyamines, flammable, corrosive, n.o.s.*	2733	3	8	Liquid flammable & Corrosive		A3	I II III	E0 E2 E1	350 352 Y340 354 Y342	0.5 L 1 L 0.5 L 5 L 1 L	360 363 365	2.5 L 5 L 60 L

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1	2	3	4	5	6	7	8	9	10	11	12	13
Polyamines, liquid, corrosive, n.o.s.*	2735	8		Corrosive		A3	I	E0	850	0.5 L	854	2.5 L
							II	E2	851	1 L	855	30 L
							III	E1	Y840	0.5 L	856	60 L
									852	5 L		
									Y841	1 L		
Polyamines, liquid, corrosive, flammable, n.o.s.*	2734	8	3	Corrosive & Liquid flammable			I	E0	850	0.5 L	854	2.5 L
							II	E2	851	1 L	855	30 L
									Y840	0.5 L		
Polyamines, solid, corrosive, n.o.s.*	3259	8		Corrosive		A3	I	E0	858	1 kg	862	25 kg
							II	E2	859	15 kg	863	50 kg
							III	E1	Y844	5 kg	864	100 kg
									860	25 kg		
									Y845	5 kg		
Polychlorinated biphenyls, liquid	2315	9		Miscellaneous	US 4	A11	II	E2	964	100 L	964	220 L
Polychlorinated biphenyls, solid	3432	9		Miscellaneous	US 4	A11	II	E2	956	100 kg	956	200 kg
Polyester resin kit, liquid base material †	3269	3		Liquid flammable		A66 A163	II	E0	370	5 kg	370	5 kg
							III	E0	Y370	1 kg	370	10 kg
									370	5 kg		
Polyester resin kit, solid base material†	3527	4.1		Solid flammable		A66 A163	II	E0	450	5 kg	450	5 kg
							III	E0	Y450	1 kg	450	10 kg
									450	5 kg		
Polyhalogenated biphenyls, liquid	3151	9		Miscellaneous		A11 A95	II	E2	964	100 L	964	220 L
Polyhalogenated biphenyls, solid	3152	9		Miscellaneous		A11 A95	II	E2	956	100 kg	956	200 kg
Polyhalogenated terphenyls, liquid	3151	9		Miscellaneous		A11 A95	II	E2	964	100 L	964	220 L
Polyhalogenated terphenyls, solid	3152	9		Miscellaneous		A11 A95	II	E2	956	100 kg	956	200 kg
Polymeric beads, expandable, evolving flammable vapour †	2211	9		Miscellaneous		A204	III	E1	957	100 kg	957	200 kg
Polymerizing substance, liquid, stabilized, n.o.s.*	3532	4.1		Solid flammable		A209	III	E0	459	10 L	459	25 L
Polymerizing substance, liquid, temperature controlled, n.o.s.*	3534	4.1				A209		E0	FORBIDDEN		FORBIDDEN	
Polymerizing substance, solid, stabilized, n.o.s.*	3531	4.1		Solid flammable		A209	III	E0	459	10 kg	459	25 kg
Polymerizing substance, solid, temperature controlled, n.o.s.*	3533	4.1				A209		E0	FORBIDDEN		FORBIDDEN	
Polystyrene beads, expandable, etc., see Polymeric beads, expandable , evolving flammable vapour												

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1	2	3	4	5	6	7	8	9	10	11	12	13
Potassium	2257	4.3		Danger if wet	AU 1 CA 7 IR 3 NL 1 US 3	A1	I	E0	FORBIDDEN		487	15 kg
Potassium arsenate	1677	6.1		Toxic	US 4		II	E4	669 Y644	25 kg 1 kg	676	100 kg
Potassium arsenite	1678	6.1		Toxic	US 4		II	E4	669 Y644	25 kg 1 kg	676	100 kg
Potassium bifluoride, see Potassium hydrogendifluoride, solid (UN No. 1811)												
Potassium bisulphate, see Potassium hydrogen sulphate												
Potassium bisulphite solution, see Bisulphites, aqueous solution, n.o.s.												
Potassium borohydride	1870	4.3		Danger if wet			I	E0	FORBIDDEN		487	15 kg
Potassium bromate	1484	5.1		Oxidizer			II	E2	558 Y544	5 kg 2.5 kg	562	25 kg
Potassium carbonyl	FORBIDDEN											
Potassium chlorate	1485	5.1		Oxidizer			II	E2	558 Y544	5 kg 2.5 kg	562	25 kg
Potassium chlorate, aqueous solution	2427	5.1		Oxidizer		A3	II	E2	550 Y540	1 L 0.5 L	554	5 L
							III	E1	551 Y541	2.5 L 1 L	555	30 L
Potassium chlorate mixed with mineral oil, see Explosive, blasting, type C												
Potassium cuprocyanide	1679	6.1		Toxic			II	E4	669 Y644	25 kg 1 kg	676	100 kg
Potassium cyanide, solid	1680	6.1		Toxic	US 4		I	E5	666	5 kg	673	50 kg
Potassium cyanide solution	3413	6.1		Toxic		A3	I	E5	652	1 L	658	30 L
							II	E4	654 Y641	5 L 1 L	662	60 L
							III	E1	655 Y642	60 L 2 L	663	220 L
Potassium dicyanocuprate, (I), see Potassium cuprocyanide												

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1	2	3	4	5	6	7	8	9	10	11	12	13
Potassium dithionite	1929	4.2		Spontaneous combustion			II	E2	467	15 kg	470	50 kg
Potassium fluoride, solid	1812	6.1		Toxic			III	E1	670 Y645	100 kg 10 kg	677	200 kg
Potassium fluoride solution	3422	6.1		Toxic		A3	III	E1	655 Y642	60 L 2 L	663	220 L
Potassium fluoroacetate	2628	6.1		Toxic			I	E5	666	5 kg	673	50 kg
Potassium fluorosilicate	2655	6.1		Toxic			III	E1	670 Y645	100 kg 10 kg	677	200 kg
Potassium hexafluorosilicate, see Potassium fluorosilicate												
Potassium hydrate, see Potassium hydroxide, solid												
Potassium hydrogendifluoride, solid	1811	8	6.1	Corrosive & Toxic			II	E2	859 Y844	15 kg 5 kg	863	50 kg
Potassium hydrogendifluoride solution	3421	8	6.1	Corrosive & Toxic		A3	II III	E2 E1	851 Y840 852 Y841	1 L 0.5 L 5 L 1 L	855 856	30 L 60 L
Potassium hydrogen sulphate	2509	8		Corrosive			II	E2	859 Y844	15 kg 5 kg	863	50 kg
Potassium hydrosulphite	1929	4.2		Spontaneous combustion			II	E2	467	15 kg	470	50 kg
Potassium hydroxide, liquid, see Potassium hydroxide solution												
Potassium hydroxide, solid	1813	8		Corrosive			II	E2	859 Y844	15 kg 5 kg	863	50 kg
Potassium hydroxide solution	1814	8		Corrosive		A3	II III	E2 E1	851 Y840 852 Y841	1 L 0.5 L 5 L 1 L	855 856	30 L 60 L
Potassium metal alloys, liquid	1420	4.3		Danger if wet	AU 1 CA 7 IR 3 NL 1 US 3	A1	I	E0	FORBIDDEN		480	1 L
Potassium metal alloys, solid	3403	4.3		Danger if wet			I	E0	FORBIDDEN		487	15 kg
Potassium metavanadate	2864	6.1		Toxic			II	E4	669 Y644	25 kg 1 kg	676	100 kg
Potassium monoxide	2033	8		Corrosive			II	E2	859 Y844	15 kg 5 kg	863	50 kg