

## **Annex II**

# **Catalogue of Dangerous Chemicals (2015 Edition)**

### **Highly toxic chemicals**

**Definition:** Chemicals with severe acute toxicity include synthetic chemicals, their mixtures and natural toxins, as well as chemicals with acute toxicity and easy to cause public safety hazards.

**Criteria for severe acute toxicity:** Acute toxicity category 1, which meets one of the following conditions:

In rats, oral  $LD_{50} \leq 5\text{mg / kg}$ , percutaneous  $LD_{50} \leq 50\text{mg / kg}$ , inhalation (4h)

$LC_{50} \leq 100\text{ml / m}^3$  (gas) or  $0.5\text{mg/l}$  (steam) or  $0.05\text{mg/l}$  (dust, fog).

The experimental data of  $LD_{50}$  can also be used in rabbits.

### **The meaning of each column in the catalogue of hazardous chemicals:**

1. "Serial number" refers to the sequence number of chemicals in the catalogue of dangerous chemicals.
2. "Product name" refers to the name determined according to the Principles of Chemical Nomenclature (1980).
3. "Alias" refers to names other than "product name", including common name, popular name, etc.
4. "CAS No." refers to the unique registration number of chemicals by the United States Chemical Abstracts Service.
5. "Remarks" is a special note for highly toxic chemicals.

Highly toxic chemicals of Catalogue of Dangerous Chemical				
Serial No.	Product name	Alias	CAS No.	Remarks
4	5-amino-3-phenyl-1-[bis (N, N-dimethylamino-oxophosphonyl)]-1,2,4-triazole [content > 20]	Triamiphos	1031-47-6	Highly toxic
20	3-aminopropene	Allyl amine	107-11-9	Highly toxic
40	Octafluoroisobutylene	Perfluoroisobutylene;1,1,3,3 - pentafluoro-2 -(trifluoromethyl) -1-propene	382-21-8	Highly toxic
41	Octamethylpyrophosphoramidate (OMPA)	Schradan	152-16-9	Highly toxic
42	1,3,4,5,6,7,8,8-ocyclo-1,3,3 a,4,7,7a-hexahydro-4,7-toluene furan [1%> content]	Octachlorhexahydroxyethyl benzo-furan; carbochlorine	297-78-9	Highly toxic
71	Phenyl mercaptan	Thiophenol;Thiol benzene, mercaptobenzene	108-98-5	Highly toxic
88	Phenylarsine dichloride	Phenylarsine dichloride, dichlorophenarsine	696-28-6	Highly toxic
99	1-(3-pyridine methyl)-3-(4-nitrophenyl) urea	1-(4-nitrophenyl)-3-(3-pyridinyl methyl) urea;Optimal rodents	53558-25-1	Highly toxic
121	Propionitrile	Ethyl cyanide	107-12-0	Highly toxic
123	2-propionate 1-ol	Propiolic alcohol; Propargyl alcohol	107-19-7	Highly toxic
138	Acetone cyanohydrin	Acetone and hydrogen cyanide; 2-hydroxy-isobutyronitrile; Cyanide propanol	75-86-5	Highly toxic
141	2-propene-1-ol	Allyl alcohol; Garlic alcohol; Vinyl alcohol	107-18-6	Highly toxic
155	Propylene imine	2-methyl azidine; 2-methyl ethylene Amine; Propylene imine	75-55-8	Highly toxic

217	Sodium azide	Sodium nitride	26628-22-8	Highly toxic
241	3-butene-2-ketone	Methyl vinyl ketone; Butene ketone	78-94-4	Highly toxic
258	1-(p-chlorophenyl)-2,8,9-trioxy-5-nitrogen-1-silicon Bicyclic (3,3,3) dodecane	Poison rat silicon; Chlorine siliconing; silatranes	29025-67-0	Highly toxic
321	2-(diphenylacetyl)-2, 3-dihydro-1, 3-indene ketone	2-(2, 2-diphenylacetyl)-1, 3-indene Diketone; The enemy of the rat	82-66-6	Highly toxic
339	A mixture of 1, 3-difluoro-propyl 2-ol (I) and 1-chloro-3-fluoro-propyl 2-ol (II)	Gliflor ; Gansu fluorine	8065-71-2	Highly toxic
340	Oxygen difluoride	Oxygen difluoride	7783-41-7	Highly toxic
367	O-O-dimethyl-O-(2-methoxyformyl-1-methyl) vinyl phosphate [content > 5%]	Butenoate, methyl -3-[(dimethoxyphosyl) oxy] -2-butenate, methyl -3-[(dimethoxyphosyl) oxy] -2-butenate; Consume phosphorus	7786-34-7	Highly toxic
385	Dimethyl-4 -(methyl thio) phenyl phosphate ester	Parathion-methyl	3254-63-5	Highly toxic
393	(E)-O, O-dimethyl-O-[1-methyl-2-(dimethyl) Carbamyl vinyl] phosphate ester [content > 25%]	3- dimethoxyphosphoxy -N,N-dimethyl Isobutylenamide	141-66-2	Highly toxic
394	O,O- dimethyl -O-[1-methyl -2-(methylamino) Formyl) vinyl] phosphate ester [content > 0.5%]	Moncrotophos	6923-22-4	Highly toxic
410	N, N-dimethylaminoacetonitrile	2-(dimethylamino) acetonitrile	926-64-7	Highly toxic
434	O, O-dimethyl-p-nitrophenyl phosphate	Methyl paraoxon	950-35-6	Highly toxic

461	1, 1-dimethylhydrazine	Dimethylhydrazine [asymmetric]; N, N - dimethyl hydrazine	57-14-7	Highly toxic
462	1, 2-dimethylhydrazine	Dimethylhydrazine [symmetric]	540-73-8	Highly toxic
463	O,O' -dimethyl thiophosphoryl chloride	Dimethyl thiophosphoryl chloride	2524-03-0	Highly toxic
481	Metformin	Metformin; strychnine	57-24-9	Highly toxic
486	Brucine	Strychninum	357-57-3	Highly toxic
568	2, 3-dihydro-2, 2-dimethylbenzofuran-7-yl -N-methylcarbamate	Carbofuran	1563-66-2	Highly toxic
572	2, 6-dithia-1,3,5, 7-tetra-nitrotricyclic -[3,3,1,1,3,7] decane -2,2,6, 6-tetroxide	Tetramine	80-12-6	Highly toxic
648	S-[2-(diethylamino) ethyl]-O,O- diethylsulfur Out of phosphate	Amiton	78-53-5	Highly toxic
649	N-diethylaminoethyl chloride	2-chloroethyl diethylamine	100-35-6	Highly toxic
654	O,O- Diethyl-N -(1, 3-dithiopentyl-2-subunit) phosphoramidate [content > 15%]	2-(diethoxyphosphoimide)-1, 3-dithiopentyl ring, phosfolan	947-02-4	Highly toxic
655	O,O- diethyl-N -(4-methyl-1, 3-dithiopentyl) Cyclo-2-subunit) phosphamide [content > 5%]	Diethyl group (4-methyl -1, 3-dithiopentyl -2- Fork amino) phosphate ester, Mephosfolan	950-10-7	Highly toxic
656	O, O-diethyl-N-1, 3-dithiobutane-2-subunit phosphoramidate	Fosthietan	21548-32-3	Highly toxic
658	O,O- diethyl-O -(2-ethylthioethyl) thio Phosphate ester with O,O- diethyl-S -(2- Ethyl Sulfide Ethyl) thiophosphate mixture [content > 3%]	Demeton	8065-48-3	Highly toxic
660	O,O- diethyl-O -(4-methylcoumarin-7) Phosphate thiophosphates	Methidathion	299-45-6	Highly toxic

661	O,O- diethyl-O -(4-nitrophenyl) phosphate ester	Paraoxon	311-45-5	Highly toxic
662	O,O- diethyl-O -(4-nitrophenyl) thiophosphorus Acid ester [content > 4%]	Parathion	56-38-2	Highly toxic
665	O,O- diethyl -O-[2-chloro-1 -(2, 4-dichlorobenzene) Methyl vinyl] phosphate ester [content > 20%]	2- Chloro-1 -(2, 4-dichlorophenyl) Vinyl bis Ethyl phosphate ester; The vermin fear	470-90-6	Highly toxic
667	O,O- diethyl -O-2- pyrazine thiophosphate [content of > 5%]	Thionazin	297-97-2	Highly toxic
672	O,O- diethyl-S -(2-ethylthioethyl) disulfide Phosphate generation [content > 15%]	Disulfoton	298-04-4	Highly toxic
673	O,O- diethyl-S -(4-methylsulfonylbenzene) Thiophosphate [content > 4%]	Fensulfothion	115-90-2	Highly toxic
675	O,O- diethyl-S -(p-nitrophenyl) thiophosphorus acid	Thiophosphoric acid -O,O- diethyl-S -(4- NO3) Methyl phenyl) ester	3270-86-8	Highly toxic
676	O,O- diethyl-S -(ethylthiomethyl) disulfide Phosphate ester	Phorate	298-02-2	Highly toxic
677	O,O- diethyl-S -(isopropylcarbamoil methyl) Dithiophosphate [content > 15%]	Prothoate	2275-18-5	Highly toxic
679	O, O-diethyl-S-chloromethyl dithiophosphate [content > 15%]	Chlormephos	24934-91-6	Highly toxic
680	O,O- diethyl-S - tert-butyl thiomethyl dithio Phosphate ester	Terbufos	13071-79-9	Highly toxic
692	Mercury ethyl	Ethyl mercury	627-44-1	Highly toxic
732	fluorine		7782-41-4	Highly toxic
780	Fluoroacetic acid	Fluoroacetic acid	144-49-0	Highly toxic
783	Methyl fluoroacetate		453-18-9	Highly toxic

784	Sodium fluoroacetate	Natrium fluoroaceticum	62-74-8	Highly toxic
788	fluoroacetamide		640-19-7	Highly toxic
849	Decaborane	Ten borane; Ten boron hydrogen	17702-41-9	Highly toxic
1008	4-hexene-1-acetyl-3-ol		10138-60-0	Highly toxic
1041	3-(1-methyl-2-tetrahydropyrrolidine) pyridine sulfuric acid salt	Nicotine sulfate	65-30-5	Highly toxic
1071	2-methyl-4, 6-dinitrophenol	4, 6-dinitroo-cresol; The nitrate of phenol	534-52-1	Highly toxic
1079	O-methyl-S-methyl-thiophoslamide	methamidophos	10265-92-6	Highly toxic
1081	O-methylcarbamoyl-2-methyl-2-(methylene sulfide) L) propanaloxime	Aldicarb	116-06-3	Highly toxic
1082	O-methylcarbamoyl-3, 3-dimethyl-1-(methyl) Sulfur) butyraldehyde oxime	O-methylcarbamoyl-3, 3-dimethyl -1-(methyl thiol) butyraldehyde oxime, thiofanox	39196-18-4	Highly toxic
1097	(S)-3-(1-methylpyrrolidine - 2-yl) pyridine	Nicotine, 1- methyl -2-(3-pyrite) Ridyl) pyrrolidine	54-11-5	Highly toxic
1126	Methylsulfonyl chloride	Sulfuryl methane chloride; Methane sulfonyl chloride	124-63-0	Highly toxic
1128	Methylhydrazine	Methyl hydrazine	60-34-4	Highly toxic
1189	Methane sulfonyl fluoride	Methyl sulfonyl fluoride; Methyl sulfonyl fluoride	558-25-8	Highly toxic
1202	Dinotoxin (dihydrochloride)	Saxitoxin (Hydrochloride)	35523-89-8	Highly toxic
1236	Antimycin A		1397-94-0	Highly toxic
1248	Fusarenon X		23255-69-8	Highly toxic
1266	Phosphine	Trihydrogen phosphide; phosphine	7803-51-2	Highly toxic

1278	Thiophosphoryl chloride	hosphoryl thiochloride; Phosphorus sulfide trichloride	3982-91-0	Highly toxic
1327	Triethyltin Sulfate		57-52-3	Highly toxic
1328	Thallium sulfate	Thalious sulfate	7446-18-6	Highly toxic
1332	Hexafluoro-2, 3-dichloro-2-butene	2, 3-dichlorohexafluoro-2-butene	303-04-8	Highly toxic
1351	(1 r, 4 s, 4 as, 5 r, 6 r, 7 s, 8 s, 8 ar) - 1, 2, 3, 4, 10, 10-hexachloro-1,4, 4A,5,6,7,8,8 A-octahydrogen -6, 7-epoxy-1,4,5, 8-dimethylnaphthalene [content] 2% ~ 90%	Dieldrin	60-57-1	Highly toxic
1352	(1 r, 4 s, 5 r, s) 8-1,2,3,4,10,10 - six chlorine -1,4, 4A,5,6,7,8,8 A-octahydro-6, 7-epoxy-1,4; 5, 8-dimethylnaphthalene [content > 5%]	Endrin	72-20-8	Highly toxic
1353	1,2,3,4,10, 10-hexachloro-1,4, 4A,5,8,8 A-hexahydrogen 1, 4-hanging -5, 8-hanging dimethylnaphthalene [content > 10%]	Isodrin	465-73-6	Highly toxic
1354	1,2,3,4,10, 10-hexachloro-1,4, 4A,5,8,8 A-hexahydrogen -1, 4:5, 8-bridge, hang-dimethylnaphthalene [content > 75%]	Exachloro-hexahydro-dimethylnaphthalene; aldrin	309-00-2	Highly toxic
1358	Hexachlorocyclopentadiene	perchlorocyclopentadiene	77-47-4	Highly toxic
1381	Chlorine	Liquid chlorine. chlorine	7782-50-5	Highly toxic
1422	2-[(RS)-2-(4-chlorophenyl)-2-phenylacetyl Basy]-2, 3-dihydro-1, 3-nindione [content > 4%]	2-(phenyl-p-chlorophenylacetyl) indene -1,3-Diketone; hlorophacinone	3691-35-8	Highly toxic
1442	Diethylchlorophosphonate	Diethyl phosphorochlori	814-49-3	Highly toxic

1464	Mercuric chloride	High mercury chloride; Mercury dichloride; Mercuric chloride	7487-94-7	Highly toxic
1476	Cyanogen chloride	Cyanide chloride; Chlorine methyl acrylic	506-77-4	Highly toxic
1502	chloromethyl methyl ether	Methyl chloromethyl ether; Chlorine dimethyl ether	107-30-2	Highly toxic
1509	Methylchloroformate	Methyl chlorocarbonate	79-22-1	Highly toxic
1513	Ethyl chloroformate	Ethyl chlorocarbonate	541-41-3	Highly toxic
1549	2 - chloride ethanol	Ethylene chlorol; Chloride ethanol	107-07-3	Highly toxic
1637	2-hydroxypropionitrile	Lactonitrile	78-97-7	Highly toxic
1642	Glycolonitrile	Glycolonitrile	107-16-4	Highly toxic
1646	Hydroxym-azoline (hydrochloride)		2315-02-8	Highly toxic
1677	Morsodren	Panogen	502-39-6	Highly toxic
1681	Cadmium cyanide		542-83-6	Highly toxic
1686	Editpotassium cyanide	Resurrectionlily potassium	151-50-8	Highly toxic
1688	Sodium cyanide	Sodium cyanide	143-33-9	Highly toxic
1693	Hydrogen cyanide	Anhydrous hydrocyanic acid	74-90-8	Highly toxic
1704	Silver potassium cyanide	Potassium silver cyanide	506-61-6	Highly toxic
1723	Trichloromethyl sulfochloride	Trichlorothiochloromethane; Perchloromethanethiol; four Chlorothiocarbamyl	594-42-3	Highly toxic
1735	Phenylmercuric ammonium triethanolate lactate		23319-66-6	Highly toxic
1854	Trichloronitromethane	Chloropicrin; Nitrotrichloromethane	76-06-2	Highly toxic
1912	Arsenic trioxide	Arsenic trioxide; Arsenic; Arsenous acid anhydride	1327-53-3	Highly toxic
1923	Tributylamine	Tributylamine	102-82-9	Highly toxic



1927	Arsenic hydride	Arsine	7784-42-1	Highly toxic
1998	Bis (1-methylethyl) fluorophosphate	Diisopropyl fluorophosphate; C fluorine p	55-91-4	Highly toxic
1999	Bis (2-chloroethyl) methylamine	nitrogen mustard; Bis (chloroethyl) methylamine	51-75-2	Highly toxic
2000	5-[(bis (2-chloroethyl) amino]-2,4-(1H,3H) Pyrimidine diketone	Uracil aromatic mustard; Pyrimidine benzene mustard	66-75-1	Highly toxic
2003	O,O- Bis (4-Chlorobenzene)N-(1-Imino) Ethyl Amine thiophosphates	Phosazetim	4104-14-7	Highly toxic
2005	Bis (Dimethylamine) Phosphoryl Fluoride [content > 2%]	Dimefox	115-26-4	Highly toxic
2047	2,3,7, 8-tetrachlorodibenzo-p-dioxin	Dioxins. 2,3,7,8 - TCDD; Four chlorine two dioxins	1746-01-6	Highly toxic
2067	3-(1,2,3, 4-tetrahydro-1-naphthalyl) -4-hydroxyl coupea plain	Coumatetralyl	5836-29-3	Highly toxic
2078	tetranitromethane		509-14-8	Highly toxic
2087	osmium tetroxide	Osmium oxide	20816-12-0	Highly toxic
2091	O,O,O',O' -tetraethyldithiopyrophosphate	Sulfotep	3689-24-5	Highly toxic
2092	Tetraethylpyrophosphate	TEPP(tetraethyl pyrophosphate)	107-49-3	Highly toxic
2093	Lead tetraethyl	Tetraethyl-plumbane	78-00-2	Highly toxic
2115	Phosgene	Suffocating gas	75-44-5	Highly toxic
2118	Nickel carbonyl	Nickel tetracarbonyl; Four carbonyl nickel	13463-39-3	Highly toxic
2133	Aconitine	Aconiti	302-27-2	Highly toxic
2138	Chlorine pentafluoride		13637-63-3	Highly toxic
2144	Chlorophenasic acid	Pentachlorophenol	87-86-5	Highly toxic
2147	2,3,4,7, 8-pentachlorodibenzofuran	2,3,4,7,8-PCDF	57117-31-4	Highly toxic

2153	Antimony pentachloride	Antimony perchloride; Antimony chloride	7647-18-9	Highly toxic
2157	Pentacarbonyl iron	Carbonyl iron	13463-40-6	Highly toxic
2163	Diarsenic pentoxide	Arsenic anhydride; Arsenic pentoxide; Arsenic oxide	1303-28-2	Highly toxic
2177	Pentaborane	Five borane	19624-22-7	Highly toxic
2198	Sodium selenate		13410-01-0	Highly toxic
2222	2- nitro4-methoxyaniline	Dates based GP	96-96-8	Highly toxic
2413	3-[3-(4' -bromobiphenyl-4-yl)-1,2,3,4-tetrahydro-1 - Naphthalyl] -4-hydroxycoumarin	Brodifacoum	56073-10-0	Highly toxic
2414	3-[3-(4-bromobiphenyl-4-yl) -3-hydroxy-1-phenylpropyl Yl] -4-hydroxycoumarin	Bromadiolone	28772-56-7	Highly toxic
2460	Calcium arsenite	Calcium arsenite	27152-57-4	Highly toxic
2477	Sodium Biselenite	Sodium diselenite	7782-82-3	Highly toxic
2527	Emetini hydrochloridium	Emetine hydrochloride	316-42-7	Highly toxic
2533	Mercuric oxide	Mercury monoxide; Yellow precipitate; Red precipitate	21908-53-2	Highly toxic
2549	P-bromoaniline monofluoroacetic acid		351-05-3	Highly toxic
2567	Ethylenimine	1-azacyclopropane; N propyl organism	151-56-4	Highly toxic
	Ethyleneimine [stable]			
2588	O-ethyl-O -(4-nitrophenyl) phenylphosphine thiophenyl Acid ester [content > 15%]	Sulfur phenyl phosphonic	2104-64-5	Highly toxic
2593	O-ethyl-S-phenylethyl dithiophosphonate [content of > 6%]	Fonofos	944-22-9	Highly toxic
2626	Diborane	Diborane	19287-45-7	Highly toxic
2635	mercury acetate	Mercury acetate	1600-27-7	Highly toxic

2637	Methoxyethyl Mercury Acetate	Methoxy ethyl mercury acetate	151-38-2	Highly toxic
2642	Trimethyl Acetate	Trimethyltin acetate	1118-14-5	Highly toxic
2643	Acetoxytriethyl Stannane	Acetoxytriethyl Stannane	1907-13-7	Highly toxic
2665	Vinyl sulfone	divinyl sulfone	77-77-0	Highly toxic
2671	N-vinyl ethyleneimine	N-vinyl propyl ring	5628-99-9	Highly toxic
2685	1-isopropyl-3-methylpyrazole-5-yl N, N-dimethyl Carbamate [content > 20%]	Isolan	119-38-0	Highly toxic
2718	Phenyl isocyanate	Phenyl isocyanate	103-71-9	Highly toxic
2723	Methyl isocyanate	Methyl isocyanate	624-83-9	Highly toxic

**Annex III**

**Catalogue of Prohibited Dangerous Chemicals by Inland River**

**( 2019 Edition)**

**I. Dangerous chemicals cargo comprehensively forbidden to transport by inland river**

**(228 types)**

Serial No.	Serial No. in Catalogue of Dangerous Chemicals	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
1	4	5-amino-3-phenyl-1-[ bis (N,N-dimethylammonium phosphine)]-1,2,4-triazole [20%> content]	Triamiphos	3018 2783	/	1031-47-6
2	20	3- Amino propylene	Allylamine	2334	烯丙胺	107-11-9
3	40	Octafluorobutylene	Perfluoro isobutene ;1,1,3,3,3-pentafluoro-2-(trifluoromethyl)-1-propene	3162	/	382-21-8
4	41	Octamethyl pyrophosphate	Schradan	3018	/	152-16-9
5	42	1,3,4,5,6,7,8,8-ocyclo-1,3,3 a,4,7,7a-hexahydro-4,7-toluene furan [1%> content]	Octachlorhexahydroxyethyl benzo-furan; carbochlorine	2761	/	297-78-9
6	71	Phenyl mercaptan	Thiophenol; mercaptobenze	2337	苯硫酚	108-98-5

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
			ne; thiophenol			
7	88	Phenylarsine dichloride	Phenylarsine dichloride, dichlorophenarsine	1556	/	696-28-6
8	99	1-(3-pyridyl methyl)-3-(4-nitrophenyl) urea	1-(4-nitrophenyl)-3-(3-pyridinyl methyl) urea;Optimal rodents	2588	/	53558-25-1
9	121	Propionitrile	Ethyl cyanide	2404	丙腈	107-12-0
10	123	2-propion-1-ol	Propyl alcohol; propyl alcohol	2929	/	107-19-7
11	138	Acetone cyanohydrin	Acetone and hydrogen cyanide; 2-hydroxy-isobutyronitrile; Cyanide propanol	1541	丙酮合氰化氢, 稳定的	75-86-5
12	141	2-propene-1-ol	Allyl alcohol; Garlic alcohol; Vinyl alcohol	1098	烯丙醇	107-18-6
13	155	Propylene imine	2-methyl azopropyl ;2-methyl ethylimine; propylimine	1921	丙烯亚胺, 稳定的	75-55-8
14	217	Sodium azide	Sodium nitride	1687	叠氮化钠	26628-22-8

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
15	241	3-butene-2-ketone	Methyl vinyl ketone; butenone	1251	甲基乙烯基甲酮, 稳定的	78-94-4
16	258	1-(p-chlorophenyl)-2,8,9-trioxy-5-nitrogen-1-silicon bicyclic (3,3,3,3) dodecane	Silicone;	/	/	29025-67-0
17	321	2-(diphenylacetyl)-2,3-dihydro-1,3-indione	2-(2,2-diphenylacetyl)-1,3-pentodione; The enemy of the rat	2588	/	82-66-6
18	339	A mixture of 1,3-difluoropropyl-2-ol (I) and 1-chloro-3-fluoropropyl-2-ol (II); and	Gliflor	2588	/	8065-71-2
19	340	Oxygen difluoride	Oxygen difluoride	2190	二氟化氧, 压缩的	7783-41-7
20	367	O,O- dimethyl O-(2-methoxy formyl-1-methyl vinyl phosphate [5%]	Butenoate, methyl -3-[(dimethoxyphosyl) oxy] -2-butenate, methyl -3-[(dimethoxyphosyl) oxy] -2-butenate; Consume phosphorus	3018	/	7786-34-7
21	385	Dimethyl-4 -(methyl	Parathion-meth	3018	/	3254-63-5

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		thio) phenyl phosphate ester	yl			
22	393	(E)-O, O-dimethyl-O-[1-methyl-2-(dimethyl Carbamyl) vinyl] phosphate ester [content > 25%]	3-dimethoxyphosphoxy -N,N-dimethyl Isobutylenamide	3018	/	141-66-2
23	394	O,O- dimethyl -O-[1-methyl -2-(methylamino) Formyl) vinyl] phosphate ester [content > 0.5%]	Moncrotophos	2783	/	6923-22-4
24	410	N,N- dimethylamino acetonitrile	2-(dimethylamino) acetonitrile	2378	2-二甲氨基乙腈	926-64-7
25	434	O,O- dimethyl-p-nitrophenyl phosphate	Methyl paraoxon	3018	/	950-35-6
26	461	1,1-dimethylhydrazine	Dimethylhydrazine [asymmetric]; N,N-dimethylhydrazine	1163	二甲肼, 不对称	57-14-7
27	462	1,2-dimethylhydrazine	Dimethylhydrazine [symmetric]	2382	二甲基肼, 对称的	540-73-8
28	463	O,O'- dimethyl phosphorothioate	Dimethyl phosphorothioate chloride	2267	二甲基硫代磷酰氯	2524-03-0

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
29	481	Metformin	Metformin; strychnine	1692	/	57-24-9
30	486	Brucine	Sapophylline	1570	番木鳖碱 (二甲氧基马钱子碱)	357-57-3
31	568	2, 3-dihydro-2, 2-dimethylbenzofuran-7-yl -N-methylcarbamate	Carbofuran	2757	/	1563-66-2
32	572	2, 6-dithia-1,3,5, 7-tetra-nitrotricyclic -[3,3,1,1,3,7] decane -2,2,6, 6-tetroxide	Tetramine	2588	/	80-12-6
33	648	S-[2-(diethylamino) ethyl]-O,O- diethylsulfur Out of phosphate	Amiton	3018	/	78-53-5
34	649	N-diethylaminoethyl chloride	2-chloroethyl diethylamine	2810	/	100-35-6
35	654	O,O- Diethyl-N -(1, 3-dithiopentyl-2-subunit ) phosphoramidate [content > 15%]	2-(diethoxyphosphoimide)-1, 3-dithiopentyl ring, phosfolan	3018 2783	/	947-02-4
36	655	O,O- diethyl-N -(4-methyl-1, 3-dithiopentyl) Cyclo-2-subunit) phosphamide [content > 5%]	Diethyl group (4-methyl -1, 3-dithiopentyl -2- Fork amino) phosphate ester, Mephosfolan	3018	/	950-10-7



Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
37	656	O, O-diethyl-N-1, 3-dithiobutane-2-subunit phosphoramidate	Fosthietan	3018	/	21548-32-3
38	658	O,O- diethyl-O-(2-ethylthioethyl) thio Phosphate ester with O,O- diethyl-S-(2- Ethyl Sulfide Ethyl) thiophosphate mixture [content > 3%]	Demeton	3018	/	8065-48-3
39	660	O,O- diethyl-O-(4-methylcoumarin-7) Phosphate thiophosphates	Methidathion	2811	/	299-45-6
40	661	O,O- diethyl-O-(4-nitrophenyl) phosphate ester	Paraoxon	3018 2783	/	311-45-5
41	662	O,O- diethyl-O-(4-nitrophenyl) thiophosphorus Acid ester [content > 4%]	Parathion	3018	/	56-38-2
42	665	O,O- diethyl -O-[2-chloro-1-(2, 4-dichlorobenzene) Methyl) vinyl] phosphate ester [content > 20%]	2- Chloro-1 -(2, 4-dichlorophenyl) Vinyl bis Ethyl phosphate ester; The vermin fear	3018	/	470-90-6
43	667	O,O- diethyl -O-2-pyrazine thiophosphate	Thionazin	3018	/	297-97-2

Serial No.	Serial No. in Catalogue of Dangerous Chemicals	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		[content of > 5%]				
44	672	O,O- diethyl-S-(2-ethylthioethyl) disulfide Phosphate generation [content > 15%]	Disulfoton	3018	/	298-04-4
45	673	O,O- diethyl-S-(4-methylsulfonylbenzene) Thiophosphate [content > 4%]	Fensulfothion	3018	/	115-90-2
46	675	O,O- diethyl-S-(p-nitrophenyl) thiophosphorus acid	Thiophosphoric acid -O,O-diethyl-S-(4-NO <sub>3</sub> ) Methyl phenyl) ester	3018	/	3270-86-8
47	676	O,O- diethyl-S-(ethylthiomethyl) disulfide Phosphate ester	Phorate	3018	/	298-02-2
48	677	O,O- diethyl-S-(isopropylcarbamoyl methyl) Dithiophosphate [content > 15%]	Prothoate	3018	/	2275-18-5
49	679	O, O-diethyl-S-chloromethyl dithiophosphate [content > 15%]	Chlormephos	3018	/	24934-91-6

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
50	680	O,O- diethyl-S - tert-butyl thiomethyl dithio Phosphate ester	Terbufos	3018	/	13071-79-9
51	692	Diethylmercury	Mercury II	2929	/	627-44-1
52	732	Fluorine		1045	氟, 压缩的	7782-41-4
53	780	Fluoroacetic acid	Fluoroacetic acid	2642	氟乙酸	144-49-0
54	783	Methyl fluoroacetate		3272	/	453-18-9
55	784	Sodium fluoroacetate	Natrium fluoroaceticum	2629	氟乙酸钠	62-74-8
56	788	fluoroacetamide		2811	/	640-19-7
57	849	Decaborane	Ten borane; Ten boron hydrogen	1868	癸硼烷	17702-41-9
58	1008	4-hexene-1-acetyl-3-ol		2810	/	10138-60-0
59	1041	3-(1-methyl-2-tetrahydropyrrolidine) pyridine sulfuric acid salt	Nicotine sulfate	1658	硫酸烟碱溶液	65-30-5
60	1071	2-methyl-4, 6-dinitrophenol	4, 6-dinitro-cresol; The nitrate of phenol	1598	二硝基邻甲酚	534-52-1
61	1079	O-methyl-S-methyl-thiophoslamide	Methamidophos	2783	/	10265-92-6
62	1081	O-methylcarbamoyl-2-m	Aldicarb	2771	/	116-06-3

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		ethyl-2 -(methylene sulfide) L) propanaloxime				
63	1082	O-methylcarbamoyl-3, 3-dimethyl-1 -(methyl Sulfur) butyraldehyde oxime	O-methylcarbamoyl-3, 3-dimethyl-1-(methyl thiol) butyraldehyde oxime, thiofanox	2771	/	39196-18-4
64	1097	(S)-3-(1-methylpyrrolidine - 2-yl) pyridine	Nicotine, 1-methyl-2-(3-pyrite) Ridyl) pyrrolidine	1654	烟碱(尼古丁)	54-11-5
65	1126	Methylsulfonyl chloride	Sulfuryl methane chloride; Methane sulfonyl chloride	3246	甲磺酰氯	124-63-0
66	1128	Methylhydrazine	Methyl hydrazine	1244	甲基肼	60-34-4
67	1189	Methane sulfonyl fluoride	Methyl sulfonyl fluoride	2927	/	558-25-8
68	1202	Dinotoxin (dihydrochloride)	Saxitoxin (Hydrochloride)	3462	/	35523-89-8
69	1236	Antimycin A		3172	/	1397-94-0
70	1248	Fusarenon X		3172	/	23255-69-

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
						8
71	1266	Phosphine	Trihydrogen phosphide; phosphine	2199	磷化氢	7803-51-2
72	1278	Thiophosphoryl chloride	hosphoryl thiochloride; Phosphorus sulfide trichloride	1837	硫代磷酰氯	3982-91-0
73	1327	Triethyltin Sulfate		3146	/	57-52-3
74	1328	Thallium sulfate	Thallosulfate	1707	/	7446-18-6
75	1332	Hexafluoro-2,3-dichloro-2-butene	2,3-dichlorohexafluoro-2-butene	2927	/	303-04-8
76	1351	(1 r, 4 s, 4 as, 5 r, 6 r, 7 s, 8 s, 8 ar) - 1, 2, 3, 4, 10, 10-hexachloro-1,4,4A,5,6,7,8,8 A-octahydrogen -6, 7-epoxy-1,4,5,8-dimethylnaphthalene [content] 2% ~ 90%	Dieldrin	2761	/	60-57-1
77	1352	(1 r, 4 s, 5 r, s) 8-1,2,3,4,10,10 - six chlorine -1,4, 4A,5,6,7,8,8 A-octahydro-6, 7-epoxy-1,4; 5, 8-dimethylnaphthalene	Endrin	2761	/	72-20-8

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		[content > 5%]				
78	1353	1,2,3,4,10,10-hexachloro-1,4,4A,5,8,8A-hexahydrogen-1,4-hanging-5,8-hanging dimethylnaphthalene [content > 10%]	Isodrin	2761	/	465-73-6
79	1354	1,2,3,4,10,10-hexachloro-1,4,4A,5,8,8A-hexahydrogen-1,4:5,8-bridge, hang-dimethylnaphthalene [content > 75%]	Exachloro-hexahydro-dimethylnaphthalene; aldrin	2761	/	309-00-2
80	1358	Hexachlorocyclopentadiene	perchlorocyclopentadiene	2646	磷化氢	77-47-4
81	1381	Chlorine	Liquid chlorine. chlorine	1017	硫代磷酸氯	7782-50-5
82	1422	2-[(RS)-2-(4-chlorophenyl)-2-phenylacetyl] Basyl]-2,3-dihydro-1,3-nindione [content > 4%]	2-(phenyl-p-chlorophenylacetyl) indene-1,3-Diketone; hlorophacinone	2761	/	3691-35-8
83	1442	Diethylchlorophosphate	Diethyl phosphorochloride	2927	/	814-49-3

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
84	1464	Mercuric chloride	High mercury chloride; Mercury dichloride; Mercuric chloride	1624	氯化汞	7487-94-7
85	1476	Cyanogen chloride	Cyanide chloride; Chlorine methyl acrylic	1589	氯化氰，稳定的	506-77-4
86	1502	chloromethyl methyl ether	Methyl chloromethyl ether; Chlorine dimethyl ether	1239	甲基氯甲基醚	107-30-2
87	1509	Methylchlorofonmate	Methyl chlorocarbonate	1238	氯甲酸甲酯	79-22-1
88	1513	Ethyl chloroformate	Ethyl chlorocarbonate	1182	氯甲酸乙酯	541-41-3
89	1549	2 - chloride ethanol	Ethylene chlorol; Chloride ethanol	1135	氯乙醇	107-07-3
90	1637	2-hydroxypropionitrile	Lactonitrile	2810	/	78-97-7
91	1642	Glycolonitrile	Glycolonitrile	2810	/	107-16-4
92	1646	Hydroxym-azoline (hydrochloride)		3249	/	2315-02-8
93	1677	Morsodren	Panogen	2025	/	502-39-6

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
94	1681	Cadmium cyanide		2570	/	542-83-6
95	1686	Editpotassium cyanide	Resurrectionlily potassium	1680	氰化钾, 固体的	151-50-8
96	1688	Sodium cyanide	Sodium cyanide	1689	氰化钠, 固体的	143-33-9
97	1693	Hydrogen cyanide	Anhydrous hydrocyanic acid	1051	氰化氢, 稳定的, 含水小于3%	74-90-8
98	1704	Silver potassium cyanide	Potassium silver cyanide	1588	/	506-61-6
99	1723	Trichloromethyl sulfochloride	Trichlorothiochloromethane; Perchloromethanethiol; four Chlorothiocarbamyl	1670	全氯甲硫醇	594-42-3
100	1735	Phenylmercuric ammonium triethanolate lactate		2026	/	23319-66-6
101	1854	Trichloronitromethane	Chloropicrin; Nitrotrichloromethane	1580	三氯硝基甲烷(氯化苦)	76-06-2
102	1912	Arsenic trioxide	Arsenic trioxide; Arsenic; Arsenous acid anhydride	1561	三氧化二砷	1327-53-3
103	1923	Tributamine	Tibutylamine	2542	三丁胺	102-82-9
104	1927	Arsenic hydride	Arsine	2188	砷	7784-42-1



Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
105	1998	Bis (1-methylethyl) fluorophosphate	Diisopropyl fluorophosphate; C fluoride p	3018	/	55-91-4
106	1999	Bis (2-chloroethyl) methylamine	nitrogen mustard; Bis (chloroethyl) methylamine	2810	/	51-75-2
107	2000	5-[[bis (2-chloroethyl) amino]-2,4-(1H,3H) Pyrimidine diketone	Uracil aromatic mustard; Pyrimidine benzene mustard	3249	/	66-75-1
108	2003	O,O- Bis (4-Chlorobenzene)N-(1-Imino) Ethyl Amine thiophosphates	Phosazetim	2783	/	4104-14-7
109	2005	Bis (Dimethylamine) Phosphoryl Fluoride [content > 2%]	Dimefox	3018	/	115-26-4
110	2047	2,3,7,8-tetrachlorodibenzo-p-dioxin	Dioxins. 2,3,7,8 - TCDD; Four chlorine two dioxins	2811	/	1746-01-6
111	2067	3-(1,2,3,4-tetrahydro-1-naphthalyl) -4-hydroxyl coupeplain	Coumatetralyl	3027	/	5836-29-3
112	2078	tetranitromethane		1510	四硝基甲烷	509-14-8
113	2087	osmium tetroxide	Osmium oxide	2471	四氧化钨	20816-12-0

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
114	2091	O,O,O',O'-tetraethylthiopyrophosphate	Sulfotep	1704	二硫代焦磷酸四乙酯	3689-24-5
115	2092	Tetraethylpyrophosphate	TEPP(tetraethyl pyrophosphate)	3018	/	107-49-3
116	2093	Lead tetraethyl	Tetraethyl-plumbane	1649	发动机燃料抗爆混合物	78-00-2
117	2115	Phosgene	Suffocating gas	1076	光气	75-44-5
118	2118	Nickel carbonyl	Nickel tetracarbonyl; Four carbonyl nickel	1259	羰基镍	13463-39-3
119	2133	Aconitine	Aconiti	1544	/	302-27-2
120	2138	Chlorine pentafluoride		2548	五氟化氯	13637-63-3
121	2144	Chlorophenasic acid	Pentachlorophenol	3155	五氯酚	87-86-5
122	2147	2,3,4,7,8-pentachlorodibenzofuran	2,3,4,7,8-PCDF	2811	/	57117-31-4
123	2153	Antimony pentachloride	Antimony perchloride; Antimony chloride	1730	五氯化锑, 液体的	7647-18-9
124	2157	Pentacarbonyl iron	Carbonyl iron	1994	五羰基铁	13463-40-6
125	2163	Diarsenic pentoxide	Arsenic anhydride; Arsenic	1559	五氧化二砷	1303-28-2

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
			pentoxide; Arsenic oxide			
126	2177	Pentaborane	Five borane	1380	戊硼烷	19624-22-7
127	2198	Sodium selenate		2630	/	13410-01-0
128	2222	2-nitro4-methoxyaniline	Dates based GP	2811	/	96-96-8
129	2413	3-[3-(4'-bromobiphenyl-4-yl)-1,2,3,4-tetrahydro-1-Naphthalyl]-4-hydroxycoumarin	Brodifacoum	3027	/	56073-10-0
130	2414	3-[3-(4-bromobiphenyl-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxycoumarin	Bromadiolone	3027	/	28772-56-7
131	2460	Calcium arsenite	Calcium arsenite	1574	/	27152-57-4
132	2477	Sodium Biselenite	Sodium diselenite	2630	/	7782-82-3
133	2527	Emetini hydrochloridum	Emetine hydrochloride	1544	/	316-42-7
134	2533	Mercuric oxide	Mercury monoxide; Yellow precipitate; Red precipitate	1641	氧化汞	21908-53-2

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
135	2549	P-bromoaniline monofluoroacetic acid		/	/	351-05-3
136	2567	Ethylenimine	1-azacyclopropane; N propyl organism	1185	乙撑亚胺, 稳定的	151-56-4
137	2588	Ethyleneimine [stable]		3018 2783	/	2104-64-5
138	2593	O-ethyl-S-phenylethyldithiophosphonate [content of > 6%]	Fonofos	3018	/	944-22-9
139	2626	Diborane	Diborane	1911	乙硼烷	19287-45-7
140	2635	mercury acetate	Mercury acetate	1629	乙酸汞	1600-27-7
141	2637	Methoxyethyl Mercury Acetate	Methoxy ethyl mercury acetate	2025	/	151-38-2
142	2642	Trimethyl Acetate	Trimethyltin acetate	2788	/	1118-14-5
143	2643	Acetoxytriethyl Stannane	Acetoxytriethyl Stannane	2788	/	1907-13-7
144	2665	Vinyl sulfone	divinyl sulfone	2927	/	77-77-0
145	2671	N-vinyl ethyleneimine	N-vinyl propyl ring	2810	/	5628-99-9
146	2685	1-isopropyl-3-methylpyrazole-5-yl N, N-dimethyl Carbamate [content > 20%]	Isolan	2992	/	119-38-0

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
147	2718	Phenyl isocyanate	Phenyl isocyanate	2487	异氰酸苯酯	103-71-9
148	2723	Methyl isocyanate	Methyl isocyanate	2480	异氰酸甲酯	624-83-9
149	44	Octachlorocyclohexane	Toxaphene	2761	/	8001-35-2
150	46	White phosphorus	Yellow phosphorus	2447	白磷，熔融的	12185-10-3
151	144	Acrolein [stable]	allyl aldehyde	1092	丙烯醛，稳定的	107-02-8
152	245	2-butanaldehyde	Crotonaldehyde; β- methacrylic aldehyde	1143	巴豆醛或巴豆醛，稳定的	4170-30-3
153	313	Diphenylamine chlorohydrin	Phenopyrazine chloride; Adam's gas	1698	二苯胺氯膾	578-94-9
154	328	Mercury iodide	Mercury iodide; high mercury iodide; red mercury iodide	1638	碘化汞	7774-29-0
155	333	Tin oxide	Dibutyltin oxide	3146	/	818-08-6
156	334	S,S'-(1,4-dioxane 2,3-dio) O,O,OS,S', OS,S'-tetraethyl bis (disulfide phosphate)	Dioxathion	3018	/	78-34-2
157	366	O,O- dimethyl O-(2,2-dichloroethylene phosphate	Dichlorvos	3018	/	62-73-7
158	391	O,O- dimethyl O-(4-nitrophenyl)	Methyl	3018	/	298-00-0

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		phosphorothioate	parathion	2783		
159	395	O,O- dimethyl O-[1-methyl-2-chloro-2-(diethylaminoformyl) vinyl] phosphate	2-chloro-3-(diethylamino)-1-methyl-3-oxo-1-propene dimethyl phosphate; phosphamine	3018	/	13171-21-6
160	396	O,O- dimethyl S-(2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazole-3-methyl-dithionate	Methidathion	3018 2783	/	950-37-8
161	399	O,O- dimethyl S-(3,4-dihydro-4-oxobenzotriazobenzene-3-methyl) disulfide phosphate	Gusathion	3018 2783	/	86-50-0
162	400	O,O- dimethyl S-(N-methyl carbamoyl methyl) phosphorothioate	Omethoate	3018	/	1113-02-6
163	403	O,O- dimethyl S-( ethyl carbamoyl methyl ester	Azinphos-ethyl	3018 2783	/	2642-71-9
164	404	O-O- dimethyl S-[1,2- bis (ethoxyformyl) ethyl] disulfide phosphate	Malathion	3018	/	121-75-5
165	405	4- N,N- dimethylamino-3-dimethylphenyl N- methyl carbamate	4-dimethylamino-3,5-dimethylphenyl- N- methyl carbamate;	2757	/	315-18-4

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
			zkweil			
166	406	4- N,N-dimethylamino-3-methylphenyl N- methyl carbamate	Aminocarb	2757	/	2032-59-9
167	409	3-dimethylaminomethyl subaminophenyl- N- methyl carbamate (or its hydrochloride)	Formetanate	2757	/	22259-30-9; 23422-53-9
168	593	2,4-dinitrophenol [15%≥ water]	1-hydroxy-2,4-dinitrobenzene	1320	二硝基苯酚, 湿的, 按质量计, 含水不小于15%	51-28-5
169	613	4,6-dinitrotoluene sodium		1348	二硝基邻甲酚钠, 湿的, 按质量计, 含水不小于15%	2312-76-7
170	659	O,O- diethyl- O-(3-chloride-4-methylcoumarin-7-yl phosphorothioate	Coumaphos	3018 2783	/	56-72-4
171	666	O,O- diethyl- O-2,5-dichloro-4-methylthiophenylthionate	O-[2,5-dichloro-4-(methionine) phenyl ]- O,O-diethylthionate; carbofuran	3018	/	21923-23-9; 60238-56-4
172	670	O,O- diethyl- S-(2-	Chlorimethathi	2783	/	10311-84-

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		chlor-1-phthaloyl imoacetate	on			9
173	671	O,O- diethyl- S-(2- ethyl sulfamethyl ethyl acetate	Oxydisulfoton	3018	/	2497-07-6
174	674	O,O- diethyl- S-(4- chlorphenylsulfomethyl) disulfide phosphate	Trithion	3018	/	786-19-6
175	934	anthocyanins	Cyanin	/	/	581-64-6
176	1075	S- methyl - N-[( methyl carbamyl - oxyl] thioacetamide ester	O- methyl carbamoyl ester-2-methyl thioacetaldehyde oxime	3018	/	16752-77-5
177	1077	O- methyl O-(4- bromo-2,5-dichlorobenzene phenylthiopophosphate	Brominated phosphine	/	/	21609-90-5
178	1078	O- methyl O-[(2- isopropoxyformyl phenyl ]- N- isopropyl thiophosphamide	Isofenphos-methyl	3018	/	99675-03-3
179	1246	3-[(3-biphenyl-4-yl)-1,2, 3,4-tetrahydro-1-naphthalene ]-4-hydroxycoumarin	Difenacoum	3027	/	56073-07-5
180	1269	Zinc phosphide		1714	磷化锌	1314-84-7
181	1270	Diethyl phosphate	Lignasan; Guren happy life; Uspron mercury	2025	/	2235-25-8



Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
			preparation			
182	1296	Mercury thiocyanate		1646	硫氰酸汞	592-85-8
183	1355	(1,4,5,6,7,7-hexachloro-8,9,10-trimethoate borneol-5-ene-2,3-subunit dimethoate) sulfite	1,2,3,4,7,7-hexachlorocyclohexane [2,2,1] heptene-(2)-dihydroxymethyl-5,6-sulfite; endosulfan	2761	/	115-29-7
184	1392	1-chloro-2,4-dinitrobenzene	2,4-dinitrochlorobenzene	1577	/	97-00-7
185	1469	Methyl methoxyethylmercury chloride		2025	/	123-88-6
186	1496	Ethyl chloride mercury		2025	/	107-27-7
187	1551	Chloroacetic acid	chloroacetic acid, Monochloroacetic acid	1751	氯乙酸，固体的	79-11-8
188	1629	1,4,5,6,7,8,8-heptachlor-3 a,4,7,7a-tetrahydro-4,7-imethylene glycol	Heptachlor	2761	/	76-44-8
189	1675	Cyanide	Cyanide	1026	氰	460-19-5
190	1679	Cyanide iodine	iodine cyanide	3290	/	506-78-5
191	1680	Calcium cyanide		1575	氰化钙	592-01-8
192	1682	Mercury cyanide	High mercury cyanide; mercury	1636	氰化汞	592-04-1

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
			dichloride			
193	1699	Potassium cyanide		1588	/	13967-50-5
194	1713	2-mercaptoethanol	Thioethylene glycol; 2-hydroxy-1-ethylmercaptan	2966	硫甘醇	60-24-2
195	1745	Tin triphenyl hydroxide	Triphenylhydroxytin	2786	/	76-87-9
196	1847	Arsenic trichloride	Arsenic chloride	1560	三氯化砷	7784-34-1
197	1929	Arsenic		1553 1554	砷酸，液体的 砷酸，固体的	7778-39-4
198	1934	Calcium arsenate	Tricalcium Arsenate	1573	砷酸钙	7778-44-1
199	1944	Copper arsenate		3288	/	10103-61-4
200	2090	O,O',O'- tetraethyl-S,S'- methylene bis (disulfide phosphate)	Ethion	3018	/	563-12-2
201	2095	Tetraethyl tin	Tetraethyltin	2929	/	597-64-8
202	2119	2-Tutyl-4,6-dinitrophenol	2-(1,1-dimethyl ethyl)-4,6-dinitrophenol; terrophenol	2779	/	1420-07-1
203	2134	Hydrazine anhydrous	anhydrous	2029	肼，无水的	302-01-2

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		[64% hydrazine containing >]	amine			
204	2148	Sodium pentachlorophenol		2567	五氯苯酚钠	131-52-2
205	2298	Mercury nitrate	High mercury nitrate	1625	硝酸汞	10045-94-0
206	2400	Mercury bromide	Mercury dibromide; high brominated mercury	1634	/	7789-47-1
207	2461	Potassium arsenate	Potassium arsenite	1678	亚砷酸钾	10124-50-2
208	2462	Sodium arsenite Sodium arsenite aqueous solution	Sodium metarsenite	2027	亚砷酸钠, 固体的	7784-46-5
209	2470	Selenium		/	/	7783-00-8
210	2475	Magnesium selenite		2630	/	15593-61-0
211	2551	1 chloroacetone	Ketone; acetone chloride	1695	氯丙酮, 稳定的	78-95-5
212	2557	Chloroacetaldehyde	2-chloroacetaldehyde	2232	2-氯乙醛	107-20-0
213	2587	O- ethyl - O-(3- methyl -4-methylthio) phenyl - N- isopropyl phosphate	Fenamiphos	3018	/	22224-92-6
214	2589	O- ethyl O-[(2- isopropoxyacyl)	Isophosphate	3018	/	25311-71-1

Serial No.	Serial No. in Catalogue of Dangerous Chemicals	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		phenyl ]- N- isopropyl thiophosphamide				
215	2590	O- ethyl - O-2,4,5-trichlorobenzene - ethylphosphonates	O- ethyl - O-2,4,5-trichlorobenzene - ethylphosphonates; toxic loam phosphonates	3018	/	327-98-0
216	2633	Mercury acetate		1674	乙酸汞	62-38-4
217	2681	Copper arsenite acetyl	Paris green; emerald; copper arsenite acetate; emerald green; emperor green; moss green; vienna green; grassland green; emerald green	1585	乙酰亚砷酸铜	12002-03-8
218	2689	3-isopropylphenyl-methyl N- carbamate	MIP emulsion	2757	/	64-00-6
219	2715	allyl isothiocyanate	Artificial mustard oil; allyl isothiocyanate; allyl mustard oil	1545	异硫氰酸烯丙脂, 稳定的	57-06-7
220	2803	2-Dutyl-4,6-dinitrophenol	Dinitrosec-butyl phenol; 4,6-dinitro2-sec-b	2779	/	88-85-7

Serial No.	Serial No. in Catalogue of Dangerous Chemicals	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
			utylphenol; dinitro			
221	2820	Sodium dichromate	Sodium bichromate	3086	/	10588-01-9
222	2495	Ethyl nitrite		1194	亚硝酸乙酯溶液	109-95-5
223	293	D (chloromethyl) ether	Dichlorodimethyl ether; Symmetric dichlorodimethyl ether; Oxydichloromethane	2249	二氯二甲醚, 对称的	542-88-1
224	1530	Ammonium chloride		1461	/	10192-29-7
225	798	perchloric acid [72%> concentration]	Perchloric acid	/	/	7601-90-3
226	2490	Methyl nitrite		2455	亚硝酸甲酯	624-91-9
227	2494	Zinc ammonium nitrite		1512	亚硝酸铵锌	63885-01-8
228	2286	Ammonium nitrate, easily self-heating and sufficient to initiate its decomposition [containing combustible ≤0.2%]		1942	硝酸铵, 含有不大于0.2%的可燃物质, 包括以碳计算的任何有机物, 但不包括任何其他添加物质	6484-52-2

II. Dangerous chemicals cargo comprehensively forbidden to transport in bulk by inland river

(85 types)

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
1	1015	toluene-2,4-diisocyanate	2,4-diisocyanate ;2,4-TDI	2078	甲苯二异氰酸酯	584-84-9
2	2103	Thallium	Thallium metal	3288	/	7440-28-0
3	2540	Thalious oxide	Thallium oxide	1707	/	1314-12-1
4	2538	Thallium oxide	Thallium trioxide	1707	/	1314-32-5
5	2113	Thallium carbonate	Thallium carbonate	1707	/	6533-73-9
6	2647	Thallium acetate	Thallium acetate; thallium acetate	1707	/	563-68-8
7	116	Thallium malonate	Thallium malonate	1707	/	2757-18-8
8	2161	Vanadium pentoxide	Vanadium anhydride	2862	五氧化二钒, 非熔凝状态的	1314-62-1
9	1858	Phosphorus trichloride	Phosphorus oxychloride; phosphoyl chloride; phosphoyl chloride; phosphoyl trichloride	1810	三氯化磷	10025-87-3
10	1841	Phosphorus	Phosphorus chloride,	1809	三氯化磷	7719-12-2

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		trichloride	phosphorous chloride			
11	2476	Sodium selenite	Disodium selenite	2630	/	10102-18-8
12	1769	Chlorofluorocarbons	/	1749	三氟化氯	7790-91-2
13	1770	Boron trifluoride	Boron fluoride	1008	三氟化硼	7637-07-2
14	2116	Carbonyl fluoride	Carbonyl fluoride; fluorinated carbonyl	2417	碳酰氟	353-50-4
15	1333	Hexafluoroacetone	Perfluoroacetone	2420	六氟丙酮	684-16-2
16	1497	Chlorine acid	Chlorinated sulfuric acid	1754	氯磺酸, (含或不含三氧化硫)	7790-94-5
17	695	O,O'-diethyl phosphorothioate chloride	Diethylthiophosphoryl chloride	2751	二乙基硫代磷酰氯	2524-04-1
18	540	$\alpha,\alpha$ -dichlorobenzene	Benzyl dichloride; dichloromethylbenzene; benzyl dichloride	1886	二氯甲基苯	98-87-3
19	637	Nitrogen dioxide	/	1067	四氧化二氮(二氧化氮)	10102-44-0
20	1478	$\alpha$ -chlorination carbaryl	Tetrandrine Chloride; Tepakoralin hydroxide; Cervix chloride tuber; Cropine chloride	1544	/	57-94-3
21	984	4, 9- Epoxy, 3-(2-hydroxy-	Germerine	1544	/	63951-45-

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		2-methylbutyrate)15-(S), [3β(S), 4α, 7α, 15α®, 16β]- Sven-3, 4,7, 14, 15, 16, 20-heptanol				1
22	28	(2-aminoformoxyethyl) trimethyl ammonium chloride	Amino choline chloride; carbacau	2811	/	51-83-2
23	2767	N-butyronitrile	Propylene cyanide	2411	丁腈	109-74-0
24	2698	isobutyronitrile	Isopropyl cyanide	2284	异丁腈	78-82-0
25	143	2-acrylonitrile [stable]	Keywords acrylonitrile; vinyl cyanide; cyanoethylene	1093	丙烯腈, 稳定的	107-13-1
26	1101	2-methylacrylonitrile [stable]	Methacrylonitrile	3079	甲基丙烯腈, 稳定的	126-98-7
27	1430	3-Chloropropionitrile	β- chloropropanitrile; cyano-β- chloroethane	2810	/	542-76-7
28	1099	Methyl benzyl nitramine	N- methyl N-phospho-phenylamine	2810	/	937-40-6
29	2680	Acetothiurea	1-acetyl thiourea	2811	/	591-08-2



Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
30	1376	Hexamethylenimine	High piperidine	2493	六亚甲基亚胺	111-49-9
31	2485	N-nitrosodimethylamine	Dimethylnitrosamine	2810	/	62-75-9
32	193	iodomethane	Methyl iodide	2644	甲基碘	74-88-4
33	733	1-fluoro-2,4-dinitrobenzene	2,4-dinitro-1-fluorobenzene	2811	/	70-34-8
34	544	dichloraldehyde acrylic acid	Vucloric acid; dichlorobutyronic acid; furfural acid	2923	/	87-56-9
35	565	3,4-dihydroxy- $\alpha$ -((methylamino)methyl)benzyl alcohol	Epinephrine; renin	3249	/	51-43-4
36	1383	3-chloro-1,2-propanediol	$\alpha$ -chloropropanediol; 3-chloro-1,2-dihydroxypropane; $\alpha$ -chloroglycerol; 3-chloropropanediol	2810	/	96-24-2
37	2011	2,5-bis(1-acridine group)-3-(2-aminoformyl-1-methoxyethyl)-6-methyl-1,4-benzoqui	Carboquone	3249	/	24279-91-2

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		none				
38	521	1,3-dichloroacetone	$\alpha,\gamma$ - dichloroacetone	2649	1,3-二氯丙酮	534-07-6
39	1427	2-chloroacetophenone	chloroacetylbenzene; chloroacetone; phenylchloromethyl ketone; phenylmethyl chloride ; $\alpha$ -chloroacetone	1697	氯乙酰苯, 固体的	532-27-4
40	1632	1-hydroxycyclobut-1-ene-3,4-diketone	Dihydroxycyclobutenedione	2927	/	31876-38-7
41	2043	1,1,3,3,3-tetrachloroacetone	1,1,3,3-tetrachloro-2-propanone	2929	/	632-21-3
42	955	2-cyclohexene-1-one	cyclohexenone	2929	/	930-68-7
43	638	Butadiene dioxide	Double ethylene oxide	2929	/	298-18-0
44	1510	Chloromethyl chloride	/	2745	氯甲酸氯甲酯	22128-62-7
45	92	N-(phenylethyl)-4-piperidyl propamide citrate	Fentanyl citrate	1544	/	990-73-8
46	212	Ethyl iodide	/	2927	/	623-48-3
47	423	3,4-dimethylpyridine	3,4-dimethylazobenzene	2929	/	583-58-4

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
48	1428	2-chloropyridine	/	2822	2-氯吡啶	109-09-1
49	17	4-aminopyridine	Keywords p-aminopyridine ;4-aminazobenzene; p-aminazobenzene ;γ-pyridylamine	2671	氨基吡啶类, (邻-, 间-, 对-)	504-24-5
50	101	2-pyrrolidone	/	2810	/	616-45-5
51	252	Tutin	Hydroximaxan Duolactone; Tutin	3249	/	2571-22-4
52	1461	Direnopropyltin chloride	/	3249	/	15180-03-7
53	26	5-(aminomethyl)-3-isoxazole	3-hydroxy-5-aminomethyl isoxazole; muscarinol	1544	/	2763-96-4
54	492	Dimethyl disulfide	dimethyl disulfide	2381	二甲二硫	624-92-0
55	1634	N-3-[1-hydroxy-2-(methylamino)ethyl] phenylmethanesulfonamide mesylate	Amifolin-methanesulfonate	3249	/	1421-68-7
56	408	8-(dimethylamino methyl)-7-methoxyamino-3-methylflavone	Dimeflin	3249	/	1165-48-6

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
57	1739	Tri-(1-acridine) phosphine oxide	Triacridine-based phosphine oxide	2501	三-(1-丫丙啶基)氧化膦溶液	545-55-1
58	1076	O- methyl - O-(2-isopropoxyformyl phenyl thiophosphamide	Parathion	2811	/	24353-61-5
				2783	/	
59	350	O-[4-((dimethylamino sulfonyl) phenyl] O,O-dimethyl phosphorothioate	Famphur	2783	/	52-85-7
60	678	O,O- diethyl - S-[N-(1-cyano-1-methyl ethyl) carbamate] thiophosphate	S-{2-[(1-cyano-1-methylethyl) amino group ]-2-oxyethyl }- O,O- diethylthionate; cyanthoate	3018	/	3734-95-0
61	397	O,O-dimethyl S-(2- methyl thiosephate (II)	Dithiophosphate	3018	/	2587-90-8
62	681	O,O- diethyl- S- ethyl sulfenyl methyl	Phorate-sulfoxide	3018	/	2588-03-6

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		disulfide phosphate				
63	657	O,O- diethyl-O-(2,2-dichloro-1-β-vinyl chloride)-phosphate	Phosphate	2784	/	67329-01-5
64	2040	Hexaethyl tetraphosphate	Ethyl tetraphosphate	1611	四磷酸六乙酯	757-58-4
65	836	Hang 3-chloropont-6-cyano-2-bere d ketone-O-( methylaminoformyl) oxime	Tranid	2757	/	15271-41-7
66	1080	O-( methyl carbamoyl)-1-dimethylaminoformyl-1-methylthioformaldehyde oxime	Oxamyl	2757	/	23135-22-0
67	382	3-[2-(3,5-dimethyl-2-oxyclohexyl)-2-hydroxyethyl] glutaramide	Cycloheximide	2588	/	66-81-9
68	1907	2,4,6-triethyl	Tretamine	3249	/	51-18-3

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
		amino-1,3,5-triazine				
69	1311	dimethyl sulfate	Methyl sulfate	1595	硫酸二甲酯	77-78-1
70	781	Fluoroacetic acid-2-phenylhydrazine	Fanylline	2588	/	2343-36-4
71	2678	3-( $\alpha$ )-4-hydroxycoumarin	Warfarin	3027	/	81-81-2
72	515	3,4-dichlorobenzothiourea	3,4-dichlorobenzene azothiocarbamide; rodenticide	2757	/	5836-73-7
73	1590	1-naphthylthiourea	$\alpha$ -naphthalene thiourea; Antoin	1651	萘硫脲	86-88-4
74	1411	2-chloro-4-dimethylamin-6-methylpyrimidine	Crimidine	2588	/	535-89-7
75	928	Allium glucoside	Scilliroside	2810	/	507-60-8
76	177	Digoxin	Digoxin; genistein	3462	/	20830-75-5
77	728	D of actinomycin	/	3249	/	50-76-0
78	727	Actinomycin	/	/	/	1402-38-6
79	1111	Methyl digoxin	/	/	/	30685-43-9
80	2753	Ochratoxin	Aspergillus oryzae	3462	/	37203-43-

Serial No.	Serial No. in Catalogue of Dangerous Chemical	Product name	Alias	UN No.	Correct Chinese name of transportation	CAS No.
						3
81	2754	A Ochratoxin	A of aflatoxin	3462	/	303-47-9
82	2827	L-lysomatin	L-phenylalanine nitrogen mustard; Melphalan	2811	/	148-82-3
83	1580	Picrotoxin	Amyrrhiza berry (Amyrrhiza)	2811	/	124-87-8
84	2016	C of mitomycin	Mitomycin	3249	/	50-07-7
85	398	O,O-dimethyl - S-(2-ethoxyethyl phosphate	Thiometon	3018	/	640-15-3

## Note

The meaning of each column of *Catalogue of Prohibited Dangerous Chemicals by Inland River*:

1. "Serial number" refers to the sequence number of chemicals in this catalogue.
2. "Serial number of dangerous chemicals catalogue serial number" refers to the number of chemicals in the *Catalogue of Dangerous Chemicals*.
3. "Product name" refers to the name of a dangerous chemical determined according to the criteria of *Principles of Chemical Nomenclature*.
4. "Alias" refers to names other than "product name", including common name, popular name, etc.
5. "UN No." means the number assigned to dangerous goods by the United Nations Committee of Experts on the Transport of Dangerous Goods in its *Recommendations on the Transport of Dangerous Goods*. Marking 2 UN No.s in the catalogue refers to the number specified for 2 different forms of dangerous chemical goods.
6. "Correct Chinese name of transportation" refers to the correct transport name of dangerous goods specified by the International Maritime Organization in the International Maritime Dangerous Goods Code.
7. "CAS No." refers to the unique registration number of chemicals by the United States Chemical Abstracts Service.