



**ສາທາລະນະລັດ ປະຊາທິປະໄຕ ປະຊາຊົນລາວ**  
**ສັນຕິພາບ ເອກະລາດ ປະຊາທິປະໄຕ ເອກະພາບ ວັດທະນະຖາວອນ**

ກະຊວງອຸດສາຫະກຳ ແລະ ການຄ້າ

ເລກທີ 0220 /ອຄ.ກອຫ  
 ນະຄອນຫຼວງວຽງຈັນ, ວັນທີ 23 ມີນາ 2021

**ຂໍ້ຕົກລົງ**  
**ວ່າດ້ວຍ ບັນຊີເຄມີອຸດສາຫະກຳ**

- ອີງຕາມກົດໝາຍວ່າດ້ວຍການຄຸ້ມຄອງເຄມີ ສະບັບເລກທີ 07/ສພຊ, ລົງວັນທີ 10 ພະຈິກ 2016;
- ອີງຕາມດຳລັດວ່າດ້ວຍການຈັດຕັ້ງ ແລະ ການເຄື່ອນໄຫວຂອງກະຊວງອຸດສາຫະກຳ ແລະ ການຄ້າ ສະບັບເລກທີ 230/ນຍ, ລົງວັນທີ 24 ກໍລະກົດ 2017;
- ອີງຕາມໜັງສືສະເໜີຂອງກົມອຸດສາຫະກຳ ແລະ ຫັດຖະກຳ ສະບັບເລກທີ 382/ກອຫ.ສຄ, ລົງວັນທີ 12 ມີນາ 2021.

**ລັດຖະມົນຕີ ກະຊວງອຸດສາຫະກຳ ແລະ ການຄ້າ ອອກຂໍ້ຕົກລົງ:**

**ມາດຕາ 1 ຈຸດປະສົງ**

ຂໍ້ຕົກລົງສະບັບນີ້ວາງອອກ ເພື່ອຜັນຂະຫຍາຍ ມາດຕາ 9 ແລະ ມາດຕາ 64 ຂອງກົດໝາຍວ່າດ້ວຍການຄຸ້ມຄອງເຄມີ ສະບັບເລກທີ 07/ສພຊ, ລົງວັນທີ 10 ພະຈິກ 2016.

**ມາດຕາ 2 ບັນຊີເຄມີອຸດສາຫະກຳ**

ບັນຊີເຄມີອຸດສາຫະກຳ ແມ່ນ ບັນຊີເຄມີອັນຕະລາຍ ທີ່ໄດ້ຈັດແບ່ງເປັນ 4 ປະເພດ ຕາມທີ່ໄດ້ກຳນົດໄວ້ໃນມາດຕາ 9 ຂອງກົດໝາຍວ່າດ້ວຍການຄຸ້ມຄອງເຄມີ, ຊຶ່ງກວມເອົາເຄມີທີ່ມີການຜະລິດ, ນຳເຂົ້າ, ສົ່ງອອກ, ຄອບຄອງ ແລະ ນຳໃຊ້ໃນຂົງເຂດວຽກງານ ອຸດສາຫະກຳປຸງແຕ່ງ, ຫັດຖະກຳ, ພະລັງງານ, ບໍ່ແຮ່, ສຶກສາ ແລະ ການຄ້າ.

**ມາດຕາ 3 ຕາຕະລາງບັນຊີເຄມີອຸດສາຫະກຳ**

ລາຍການເຄມີທຳອິດໃນແຕ່ລະປະເພດເຄມີ ໄດ້ກຳນົດໄວ້ໃນຕາຕະລາງທີ 1, 2, 3 ແລະ 4 ໂດຍບົ່ງບອກຊື່ ເປັນພາສາສາກົນ ຫຼື ພາສາລາວ ແລະ ເລກລະຫັດ (CAS No.) ດັ່ງລາຍລະອຽດຄື:

**ຕາຕະລາງທີ 1: ເຄມີອັນຕະລາຍປະເພດ ໜຶ່ງ**

ລ/ດ	ຊື່ທາດເຄມີ	ເລກລະຫັດ (CAS No.)	ປະເພດ	ໝາຍເຫດ
1	2,3-Dibromopropan-1-ol	96-13-9	1	
2	2,3-Epoxy-1-propanol or glycidol	57044-25-4	1	
3	2-Ethyl-1,3-hexanediol	94-96-2	1	
4	2-Bromopropane or isopropyl bromide	75-26-3	1	
5	{(+/-)Tetrahydrofurfuryl-R-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate}	119738-06-6	1	

6	{{(2RS,3RS)-3-(2chlorophenyl)-2,4-fluorophenyl)-(1h-1,2,4-triazol-1-yl-methyl)oxirane} or (epoxiconazole)	106325-08-0	1	
7	[1-1-choro-2,3-epoxypropane] or [I-epichlorohydrin]	51594-55-9	1	
8	{6-[4-hydroxy-3-(2-methoxyphenylazo-2-sulfonato-7-naphthylamino)-1,3,5-triazine-2,4-diyl bis [(amino-1-methylethy)-ammonium] formate}	108225-03-2	1	
9	{1-3-5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione}	59653-74-6	1	
10	2,4,5-tcp or 2,4,5-Trichlorophenol	95-95-4	1	
11	2,5-Dinitroantoluene	619-15-8	1	
12	3,4-Dinitrotoluene	610-39-9	1	
13	{6-Hydroxy-1-(3-isopropoxypropyl)-4-methyl-2-oxo-5-[4-(phenylazo)phenylazo]-1,2-dihydro-3-pyridinecarbonitrile}	85136-74-9	1	
14	Methoxyacetic acid or 2-methoxyacetic acid or methyl ether	625-45-6	1	
15	Chlorobenzilate	510-15-6	1	
16	Chloropicrin หรือ trichloronitromethane	76-06-2	1	
17	Copper arsenate hydroxide	16102-92-4	1	
18	Calcium arsenate	7778-44-1	1	
19	Sodium chromate	7775-11-3	1	
20	Sodium pentachlorophenate	131-52-2	1	
21	Cyanogen or ethanedinitrile or oxalonitrile	460-19-5	1	
22	Decabromobiphenyl	13654-09-6	1	สินขีสิ้นยา ธอดเตีดำ
23	Polychlorinated terphenyl	61788-33-8	1	
24	Octabromobiphenyl	27858-07-7	1	
25	[Di (phenylmercury) dodeceny succinate] or [di (phenylmercury) dodeceny-3-succinate]	27236-65-3	1	
26	{Trisodium-[4'-(8-acetylamino-3-6-disulfonato-2-naphthylazo)-4''-(6-benzoylamino-3-sulfonato-2-naphthylazo) biphenyl-1,3',3'',1'''-tetraolato-0,o',0'',0'''] copper (II)}	164058-22-4	1	
27	Thalium sulfate	7446-18-6	1	
28	Thionyl chloride or sulfurous oxychloride	7719-09-7	1	ถมิถึน
29	Pseudoephedrine	90-82-4	1	
30	Nikel tetracarbonyl	13463-39-3	1	
31	Bis (chloromethyl) ether	542-88-1	1	
32	BZ: 3-quinuclidinyl benzilate	6581-06-2	1	
33	Beryllium oxide	1304-56-9	1	
34	[PFIB: 1,1,3,3,3-pentafluoro-2-(trifluoromethyl)-1-propene]	382-21-8	1	
35	Pentachlorophenol	87-86-5	1	
36	Polychlorinated biphenyl	1336-36-3	1	
37	Flumioxazin	103361-90-7	1	
38	Phenyl glycidyl ether or 1,2-epoxy-3-phenoxy propane or [2-(phenoxyethyl) oxirane]	122-60-1	1	
39	Phenylmercuric oleate	104-60-9	1	
40	Phenylmercury acetate	62-38-4	1	
41	Phenylhydrazinium sulphate	52033-74-6	1	
42	Phenylhydrazine	100-63-0	1	
43	Methyl isocyanate	624-83-9	1	
44	Mirex	2385-85-5	1	
45	Lead arsenate	7784-40-9	1	

46	Ethylene dibromide	106-93-4	1	
47	Ethylidene diacetate or [1-(acetyloxy) ethyl acetate]	542-10-9	1	
48	N-methylacetamide	79-16-3	1	
49	Crocidolite Asbestos	12001-28-4	1	
50	Tremolite Asbestos	77536-68-6	1	
51	Amosite Asbestos	12172-73-5	1	
52	Actinolite Asbestos	77536-66-4	1	
53	Anthophyllite Asbestos	77536-67-5	1	
54	Hexachlobenzene	118-74-1	1	
55	Hexebromobiphenyl	36335-01-8	1	
<b>ທາດເຄມີຖືກຄວບຄຸມຕາມສັນຍາວ່າດ້ວຍການເກືອດຫ້າມອາວຸດເຄມີ</b>				
56	[O-alkyl(≤ C10, include cycloalkyl) (Me, Et, Pr, or i-pr)-phosphonofluoridates] ຕົວຢ່າງ sarin: O-isopropyl methylphos phonofluoridate O-pinacolyl methylphos phonofluoridate	107-44-8 96-64-0	1	ເຄມີອັນຕະລາຍ ຄວບຄຸມຕາມ ບັນຊີ 1A (toxic chemical) ໃນ ເອກະສານຊ້ອນ ທ້າຍອະນຸສັນຍາ ເກືອດຫ້າມ ອາວຸດເຄມີ
57	O-alkyl(≤ C10, include cycloalkyl) N,N-dialkyl (Me, Et, Pr, or i-pr) phosphoramidocyanidates] ຕົວຢ່າງ: O-ethyl N,N-dimethyl phosphoramidocyanidate	77-81-6	1	
58	[O-alkyl (H or ≤C10, include cycloalkyl) S-2-dialkyl (Me, Et, n-pr or i-pr)-aminoethyl alkyl (Me, Et, n-pr or i-pr) phosphonotiolates and corresponding alkylated or protonated salts] ຕົວຢ່າງ VX: O-ethyl S-2-diisopropyl aminoethyl methyl phosphonothiolate)	50782-69-9	1	
59	<b>Sulfur mustards:</b> ➤ 2-Chloroethylchloromethylsulfide ➤ Mustard gas :bis (2-chloroethyl) sulfide ➤ Bis (2-chloroethylthio) methane ➤ Sesquimustard : 1,2-bis (2-chloroethylthio) ethane ➤ 1,3-Bis (2-chloroethylthio)-n-propane ➤ 1,4-Bis (2-chloroethylthio)-n-butane ➤ 1,5-Bis (2-chloroethylthio)-n-pentane ➤ Bis (2-chloroethylthiomethyl) ether ➤ O-mustard : bis (2-chloroethylthioethy) ether	2625-76-5 505-60-2 63869-13-6 3563-36-8 63905-10-2 142868-93-7 142868-94-8 63918-90-1 63918-89-8	1	ເຄມີອັນຕະລາຍ ຄວບຄຸມຕາມ ເອກະສານຊ້ອນ ທ້າຍອະນຸສັນຍາ ເກືອດຫ້າມ ອາວຸດເຄມີ
60	<b>Nitrogen mustards:</b> HN 1: bis (2-chloroethyl) ethylamine	538-07-8	1	
61	HN 2: bis (2-chloroethyl) methylamine	51-75-2		
62	HN 3: tris (2-chloroethyl) amine	555-77-1		
63	Saxitoxin	35523-89-8	1	
64	Chlorosaman: O-pinacolyl methylphosphonochloridate	7040-57-5	1	
65	Chlorosarin: O-isopropyl methylphosphonochloridate	1445-76-7	1	
66	P-alkyl (H or ≤C10, incl. cycloalkyl) N-(1-(dialkyl(≤C10, incl. cycloalkyl)amino)) alkylidene(H or ≤ C10, incl. cycloalkyl) phosphonamidic fluorides and corresponding alkylated or protonated salts ຕົວຢ່າງ: - N-(1-(di-n-decylamino)-n-decylidene)-Pdecylphosphonamidic fluoride - Methyl-(1-(diethylamino)ethylidene) phosphonamidofluoridate	2387495-99-8 2387496-12-8	1	

67	O-alkyl (H or ≤ C10, incl. cycloalkyl) N-(1-(dialkyl(≤C10, incl. cycloalkyl)amino))alkylidene(H or ≤ C10, incl. cycloalkyl) phosphoramidofluoridates and corresponding alkylated or protonated salts ຕົວຢ່າງ: - O-n-Decyl N-(1-(di-n-decylamino)-ndecylidene) phosphoramidofluoridate - Methyl (1-(diethylamino) ethylidene) phosphoramidofluoridate - Ethyl (1-(diethylamino) ethylidene) phosphoramidofluoridate	2387496-00-4 2387496-04-8 2387496-06-0	1	
68	Methyl- (Bis (diethylamino) methylene) phosphonamidofluoridate	2387496-14-0	1	
69	1-[N,N-dialkyl(≤C10)-N-(n-(hydroxyl, cyano, acetoxy)alkyl(≤C10)) ammonio]-n-[N-(3-dimethylcarbamoxy-α-picolinyl)-N,N-dialkyl(≤C10) ammonio]decane dibromide (n=1-8) ຕົວຢ່າງ: 1-[N,N-dimethyl-N-(2-hydroxy)ethylammonio]-10-[N-(3- dimethylcarbamoxy-α-picolinyl)-N,Ndimethylammonio]decane dibromide	7104-62-2	1	ເຄມີອັນຕະລາຍ ຄວບຄຸມຕາມ ເອກະສານຊ້ອນ ທ້າຍອະນຸສັນຍາ
70	1,n-Bis[N-(3-dimethylcarbamoxy-α-picolyl)-N,Ndialkyl(≤C10) ammonio]-alkane-(2,(n-1)-dione) dibromide (n=2-12) ຕົວຢ່າງ: 1,10-Bis[N-(3-dimethylcarbamoxy-α-picolyl)-N-ethyl-Nmethylammonio]decane-2,9-dione dibromide	77104-00-8	1	ເກືອດຫ້າມ ອາວຸດເຄມີ
71	<b>Lewisite:</b> Lewisite 1 : 2-chlorovinyl dichloroarsine	541-25-3	1	ທາດເຄມີ ອັນຕະລາຍຕາມ ບັນຊີ 1A ຂອງ ອານຸສັນຍາ ເກືອດຫ້າມ ອາວຸດເຄມີ
72	Lewisite 2 : bis(2-chlorovinyl) chloroarsine	40334-69-8		
73	Lewisite 3 : tris (2-chlorovinyl) arsine	51-70-1		
74	Ricin	9009-86-3	1	ອານຸສັນຍາ ເກືອດຫ້າມ ອາວຸດເຄມີ
75	[Alkyl (Me, Et, n-pr, or i-pr) phosphonyldifluorides] ຕົວຢ່າງ: Methylphosphonyldifluoride	676-99-3	1	ເຄມີອັນຕະລາຍ ຄວບຄຸມຕາມ ບັນຊີ 1B (precursors) ໃນເອກະສານ ຊ້ອນທ້າຍອະນຸ ສັນຍາເກືອດ ຫ້າມອາວຸດເຄມີ
76	[O-alkyl (H or ≤C10, include cycloalkyl) O-2-diakyl (Me, Et, n-pr or i-pr)-aminoethyl alkyl (Me, Et, n-pr, i-pr) phosphonite and corresponding alkylated or protonated salts] ຕົວຢ່າງ: O-ethyl o-2-diisopropylaminoethyl methyl phosphonite	57856-11-8	1	ເຄມີອັນຕະລາຍ ຄວບຄຸມຕາມ ບັນຊີ 2A (toxic chemical) ໃນ ເອກະສານຊ້ອນ ທ້າຍອະນຸສັນຍາ ເກືອດຫ້າມ ອາວຸດເຄມີ
77	Amiton: O,O-Diethyl s-[2-(diethylaino)ethyl] phosphorothiolate and corresponding alkylated or protonated salts	78-53-5	1	ເຄມີອັນຕະລາຍ ຄວບຄຸມຕາມ ບັນຊີ 2A (toxic chemical) ໃນ ເອກະສານຊ້ອນ ທ້າຍອະນຸສັນຍາ ເກືອດຫ້າມ ອາວຸດເຄມີ

<b>ທາດເຄມີຄຸ້ມຄອງຕາມອະນຸສັນຍາມິງເຣອານ ວ່າດ້ວຍສານເຄມີທີ່ທຳລາຍຊັ້ນໂອໂຊນ</b>				
<b>ກຸ່ມທາດ ກູໂຣຟຣ໌ໂຣຄາບອນ (Chlorofluorocarbons - CFCs)</b>				
78	Trichlorofluoromethane ຫຼື CFC-11 (CFC13)	75-69-4	1	ອະນຸສັນຍາມິງ ເຣອານ
79	Dichlorodifluoromethane ຫຼື CFC-12 (CF2Cl2)	75-71-8	1	
80	Trichlorotrifluoroethanes ຫຼື CFC-113 (C2F3Cl3)	76-13-1	1	
81	Dichlorotetrafluoroethanes ຫຼື CFC-114 (C2F4Cl2)	76-14-2	1	
82	Chloropentafluoroethane ຫຼື CFC-115 (CClF2CF3)	76-15-3	1	
83	Chlorotrifluoromethane ຫຼື CFC-13 (CF3Cl)	75-72-9	1	ອະນຸສັນຍາມິງ ເຣອານ
84	Pentachlorofluoroethane ຫຼື CFC-111 (C2FCl5)	354-56-3	1	
85	Tetrachlorodifluoroethane ຫຼື CFC-112 (C2F2Cl4)	76-12-0	1	
86	Heptachlorofluoropropane ຫຼື CFC-211 (C3FCl7)	422-78-6	1	
87	Hexachlorodifluoropropane ຫຼື CFC-212 (C3F2Cl6)	3182-26-1	1	
88	Pentachlorotrifluoropropane ຫຼື CFC-213 (C3F3Cl5)	2354-06-5	1	
89	Tetrachlorotetrafluoropropane ຫຼື CFC-214 (C3F4Cl4)	29255-31-0	1	
90	Trichloropentafluoropropane ຫຼື CFC-215 (C3F5Cl3)	1599-41-3	1	
91	Dichlorohexafluoropropane ຫຼື CFC-216 (C3F6Cl2)	661-97-2	1	
92	Chloroheptafluoropropane ຫຼື CFC-217 (C3F7Cl)	422-86-6	1	
93	ທາດປະສົມຂອງ CFCs (ເຊັ່ນ: R-500 ທີ່ມີສ່ວນປະສົມຂອງ CFC-12, R-502 ທີ່ມີສ່ວນປະສົມຂອງ CFC-115)	-	1	
<b>ກຸ່ມທາດ ໄຮໂດຼກູໂຣຟຣ໌ໂຣຄາບອນ (hydrochlorofluorocarbons - HCFCs)</b>				
94	Dichlorotrifluoroethanes ຫຼື HCFC-123 (C2HF3Cl2)	306-83-2	1	ອະນຸສັນຍາມິງ ເຣອານ
95	Chlorotetrafluoroethanes ຫຼື HCFC-124 (C2HF4Cl)	2837-89-0	1	
96	Dichlorofluoroethanes ຫຼື HCFC-141 (C2H3FC12)	1717-00-6	1	
97	Chlorodifluoroethanes ຫຼື HCFC-142 (C2H3F2Cl)	75-68-3	1	
98	1-Chloro-1,1-difluoroethane ຫຼື HCFC-142b (CH3CF2Cl)	75-68-3	1	
99	Dichloropentafluoropropanes ຫຼື HCFC-225 (C3HF5Cl2)	127564-92-5	1	ອະນຸສັນຍາມິງ ເຣອານ; ທາດ Pre-blended Polyol ທີ່ມີ ສ່ວນປະສົມ ຂອງ HCFC- 141b ກໍ່ນອນຢູ່ ໃນລາຍການນີ້.
100	1,1-Dichloro-1-fluoroethane ຫຼື HCFC-141b (CH3CFCl2)	1717-00-6	1	
<b>ກຸ່ມທາດ ໄຮໂດຣໂບຣ໌ໂຣ ຟລູອໍໂຣກາກບອນ (hydrobromofluorocarbons - HBFCs)</b>				
101	Bromodifluoromethane ຫຼື HBFC-22B1 (CHF2Br)	1511-62-2	1	ອະນຸສັນຍາມິງ ເຣອານ
<b>ກຸ່ມທາດ ເຮລອນ (Halon)</b>				
102	Bromochlorodifluoromethane ຫຼື Halon-1211 (CF2BrCl)	353-59-3	1	ອະນຸສັນຍາມິງ ເຣອານ
103	Bromotrifluoromethane ຫຼື Halon-1301 (CF3Br)	75-63-8	1	
104	Dibromotetrafluoroethanes ຫຼື Halon-2402 (C2F4Br2)	124-73-2	1	

105	Tetrachloromethane ຫຼື carbon tetrachloride (CCl4)	56-23-5	1	
106	1,1,1-Trichloroethane ຫຼື methyl chloroform (C2H3Cl3)	71-55-6	1	ອະນຸສັນຍາມົງເຣອານ
107	Bromochloromethane (CH2BrCl)	74-97-5	1	
108	Methyl bromide or Bromomethane	74-83-9	1	ຫ້າມນຳເຂົ້າ ໂດຍ ອະນຸສັນຍາມົງເຣອານ. ຍົກເວັ້ນ ການນຳໃຊ້ເຂົ້າ ໃນການຮົມຜົນ ຜະລິດກະສິກຳ ກ່ອນການສົ່ງ ອອກເທົ່ານັ້ນ
<b>ກຸ່ມທາດເຄມີອື່ນໆ</b>				
109	ທາດປະສົມຂອງ: N-[3-hydroxy-2-(2-Methylacryloylamino-methoxy)propoxymethyl]-2-methylacrylamide; {N-[2,3-bis-(2-methylacryloylamino-methoxy)propoxymethyl]-2-methylacrylamide; Methacrylamide; 2-Methyl-N-(2-methyl-acryloylamino-methoxymethyl)-acrylamide; N-2,3-dihydroxypropoxymethyl}-2-methylacrylamide	-	1	
110	ທາດປະສົມຂອງ: 4-[[Bis-(fluoro-phenyl)-methyl]methyl]-4H-1,2,4-triazole; 1-[[Bis-(4-fluorophenyl) methyl-silyl] methyl]-1H-1,2,4-triazole	-	1	

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**ຕາຕະລາງທີ 2: ເຄມີອັນຕະລາຍປະເພດ ສອງ**

ລ/ດ	ຊື່ທາດເຄມີ	ເລກທະບຽນ (CAS No.)	ປະເພດ	ໝາຍເຫດ
1	1,1,2-Trichloroethylene	79-01-6	2	
2	1,2-Dinitrobenzene	528-29-0	2	
3	1,3-Dinitrobenzene	99-65-0	2	
4	1,3-Butadiene or buta-1,3-diene	106-99-0	2	
5	1,4-Dinitrobenzene	100-25-4	2	
6	1,4-Butanediol or 1,4-butylene glycol	110-63-4	2	
7	1,5-Naphthalene diisocyanate	3173-72-6	2	
8	[2-(Thiocyanomethylthio) benzothiazole]	21564-17-0	2	
9	2,2-Bioxirane or 1,3-butadiene diepoxide or 1,2,3,4-diepoxy butane	1464-53-5	2	
10	2,3-Dinitrotoluene	602-01-7	2	
11	2,4,6-Trimethylaniline	88-05-1	2	
12	2,4-Dinitroaniline	97-02-9	2	
13	3,5-Dinitrotoluene	618-85-9	2	
14	4-Nitrodiphenyl	92-93-3	2	
15	4-Aminodiphenyl	92-67-1	2	
16	2,2-Diphenyl-2-hydroxyacetic acid	76-93-7	2	
17	Gamma-hydroxyvaleric acid	13532-37-1	2	
18	Chromic acid	7738-94-5	2	
19	Sulfuric acid, fuming or oleum	8014-95-7	2	
20	Boric acid	10043-35-3	2	
21	Picric acid or 2,4,6-trinitro phenol or picronic acid	88-89-1	2	
22	Phosphonic acid or phosphorous acid	13598-36-2	2	
23	Hydrochloric acid	7647-01-0	2	
24	Fluorine gas	7782-41-4	2	
25	Gama-butyrolactone or butyrolatone	96-48-0	2	
26	Glycolonitrile or hydroxyacetoneitrile	107-16-4	2	
27	Chlorpyrifos	2921-88-2	2	
28	Chlorine	7782-50-5	2	
29	Chloroform or trichloromethane	67-66-3	2	
30	Quinuclidine-3-ol	1619-34-7	2	
31	Copper (II) hydroxide	20427-59-2	2	
32	Carbendazim	10605-21-7	2	
33	Cuprous oxide	1317-39-1	2	
34	Cadmium chloride	10108-64-2	2	
35	Cadmium cyanide	542-83-6	2	
36	Cadmium fluoride	7790-79-6	2	
37	Cadmium oxide	1306-19-0	2	
38	Cadmium iodide	7790-80-9	2	
39	Cobalt carbonyl or cobalt tetra carbonyl or octacarbonyldicobalt	10210-68-1	2	
40	Crotonaldehyde or (2-butenal)	4710-30-3	2	
41	Chromic chloride	10025-73-7	2	
42	Chromium trioxide	1333-82-0	2	
43	Sulfur dichloride	10545-99-0	2	
44	Sulfur dioxide	7446-09-5	2	
45	Sulfur trioxide	7446-11-9	2	
46	Sulfur monochloride	10025-67-9	2	
47	Sulfur hexafluoride	2551-62-4	2	
48	Zinc cyanide	557-21-1	2	
49	Zineb	12122-67-7	2	

50	Ziram	137-30-4	2	
51	Selenium oxychloride	7791-23-3	2	
52	Sec-butyl mercaptan or 2-butanethiol	513-53-1	2	
53	Sodium chlorate	7775-09-9	2	
54	Sodium cyanide	143-33-9	2	
55	Sodium tetraborate pentahydrate	12179-04-3	2	
56	Sodium tetra borate decahydrate or borax	1303-96-4	2	
57	Sodium tetraborate anhydrous	1330-43-4	2	
58	Cyclohexylamine or hexahydroanline or aminocyclohexane	108-91-8	2	
59	Cypermethrin	52315-07-8	2	
60	Cyanuric fluoride or 2,4,6-trifluoro-1,3,5-triazine	675-14-9	2	
61	Cyanogen chloride	506-77-4	2	
62	Dazomet	533-74-4	2	
63	[Decaborane (14)]	17702-41-9	2	
64	Diglycidyl ether	2238-07-5	2	
65	Dichlorophen	97-23-4	2	
66	Disodium octaborate tetrahydrate	12280-03-4	2	
67	Dithiobiuret	541-53-7	2	
68	Diborane or boron hydride	19287-45-7	2	
69	Dibenzoyl peroxide	94-36-0	2	
70	Diphenylmethane-4,4-diisocyanate or methylene-di-p-phenylene isocyanate or methylene bis pheny isocyanate	101-68-8	2	
71	Dimethyl sulphate or methyl sulphate	77-78-1	2	
72	Dimethylphosphorochloridothioate	2524-03-0	2	
73	Dimethyl phosphite	868-85-9	2	
74	Diuron	330-54-1	2	
75	Diethyl sulphate or ethyl sulphate	64-67-5	2	
76	Diethyl phosphite	762-04-9	2	
77	Tetraethyl tin	597-64-8	2	
78	Tridecafluorohexane	355-37-3	2	
79	Tributyl in fluoride	1983-10-4	2	
80	Tributyl tin oxide	56-35-9	2	
81	Trimethylchlorosilane	75-77-4	2	
82	Trimethyl phosphite	121-45-9	2	
83	Triethanolamine	102-71-6	2	
84	Triethyl phosphite	122-52-1	2	
85	Trans-1,4-dichlorobutene-2	110-57-6	2	
86	Trans-crotonaldehyde	123-73-9	2	
87	Terbutryn	886-50-0	2	
88	Toluene-2,4-diisocyanate	584-84-9	2	
89	Toluene-2,6-diisocyanate	91-08-7	2	
90	Thiram	137-26-8	2	
91	Thiabendazole	148-79-8	2	
92	[Thiodiglycol : bis (2-hydroxyethyl) sulfide]	111-48-8	2	
93	Thiourea	62-56-6	2	
94	N-butyl mercaptan or 1-butanethiol	109-79-5	2	
95	N-propyl mercaptan	107-03-9	2	
96	Naphthylamine	134-32-7	2	
97	Nitric oxide or nitrogen monoxide	10102-43-9	2	
98	Nitrosodimethylamine	62-75-9	2	
99	[Bis (2-methoxyethyl) ether] or diethylene glycol dimethyl ether	111-96-6	2	



100	[Bis (2-ethylhexyl) phthalate] or [di-(2-ethylhexyl) phthalate] or DEHP	117-81-7	2	
101	Beta-propiolactone	57-57-8	2	
102	Benzalkonium chloride or alkylbenzyltrimethylammonium chloride	8001-54-5	2	
103	Benzidine	92-87-5	2	
104	Benzyl chloride	100-44-7	2	
105	Benzene	71-43-2	2	
106	Bromine	7726-95-6	2	
107	Boron trichloride	10294-34-5	2	
108	Boron trifluoride	7637-07-2	2	
109	Perchloroethylene or tetrachloroethylene	127-18-4	2	
110	Lead powder	7439-92-1	2	
111	Paraquat dichloride	1910-42-5	2	
112	Pinacolyl alcohol: 3,3-dimethylbutane-2-ol	464-07-3	2	
113	PFC C-318	115-25-3	2	
114	PFC-116	76-16-4	2	
115	PFC-14	75-73-0	2	
116	(PFC-218	76-19-7	2	
117	PFC-31-10	355-25-9	2	
118	PFC-14-12	678-26-2	2	
119	PFC-51-14	355-42-0	2	
120	PFC-91-18	306-94-5	2	
121	Permethrin	52645-53-1	2	
122	Potassium silver cyanide	506-61-6	2	
123	Potassium cyanide	151-50-8	2	
124	Propylene oxide or 2-methyl oxirane	75-56-9	2	
125	Formamide	75-12-7	2	
126	Phosgene or carbonyl chloride	75-44-5	2	
127	Phosphorus (white or yellow, red, and black)	7723-14-0	2	
128	Phosphorus pentachloride	10026-13-8	2	
129	Phosphorus pentasulfide	1314-80-3	2	
130	Phosphorus pentoxide	1314-56-3	2	
131	Phosphorus oxychloride or phosphoryl chloride	10025-87-3	2	
132	Fenuron	101-42-8	2	
133	Ferbam	14484-64-1	2	
134	Methanethiol or methyl mercaptan	74-93-1	2	
135	Methyl 2-chloroacrylate	80-63-7	2	
136	Methyl vinyl ketone	78-94-4	2	
137	Methyl ethyl ketone peroxide	1338-23-4	2	
138	Methylhydrazine	60-34-4	2	
139	Mercury II chloride	7487-94-7	2	
140	Mercury II chromate	13444-75-2	2	
141	Mercury II sulfide	1344-48-5	2	
142	Mercury II thiocyanate	592-85-8	2	
143	Mercury II oxide	21908-53-2	2	
144	Mercury	7439-97-6	2	
145	Lithium hydride	7580-67-8	2	
146	Lead II oxide or litharge or massicot	1317-36-8	2	
147	Lead suboxide	12059-89-1	2	
148	Lead sesquioxide or lead III oxide	1314-27-8	2	
149	Lead tetroxide	1314-41-6	2	
150	Lactonitrile or acetocyanohydrin	78-97-7	2	
151	Vinyl chloride or chloroethene	75-01-4	2	
152	Vinyl bromide or bromoethene	593-60-2	2	

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153	O-dichlorobenzene or 1,2-dichlorobenzene	95-50-1	2	
154	Auramine or [4,4'-(imidocarbonyl) bis (N,N-dimethylaniline)]	492-80-8	2	
155	Acryloyl chloride	814-68-6	2	
156	Acrylonitrile	107-13-1	2	
157	Aniline	62-53-3	2	
158	Allyl alcohol or 2-propen-1-ol	107-18-6	2	
159	Arsenic	7440-38-2	2	
160	Arsenic trichloride or [arsenic (III) chloride]	7784-34-1	2	
161	Arsenic trioxide	1327-53-3	2	
162	Arsenic pentoxide or arsenic oxide	1303-28-2	2	
163	Ethanethiol or ethyl mercaptan	75-08-1	2	
164	(HCFC-121) or (Tetrachlorofluoroethane)	354-14-3	2	
165	(HCFC-122) or (Trichlorodifluoroethane)	354-21-2	2	
166	(HCFC-131) or (Trichlorofluoroethane)	359-28-4	2	
167	HCFC-133a or (Monochlorotrifluoroethane)	75-88-7	2	
168	(HCFC-151) or (Chlorofluoroethane)	110587-14-9	2	
169	(HCFC-21) or (Dichlorofluoromethane)	75-43-4	2	
170	(HCFC-221) or (Hexachlorofluoropropane)	422-26-4	2	
171	(HCFC-222) or (Pentachlorodifluoropropane)	422-49-1	2	
172	(HCFC-223) or (Tetrachlorotrifluoropropane)	422-52-6	2	
173	(HCFC-224) or (Trichlorotetrafluoropropane)	422-54-8	2	
174	(HCFC-226) or (Monochlorohexafluoropropane)	431-87-8	2	
175	(HCFC-231) or (Pentachlorofluoropropane)	421-94-3	2	
176	(HCFC-232) or (Tetrachlorodifluoropropane)	460-89-9	2	
177	(HCFC-233) or (Trichlorotrifluoropropane)	7125-84-0	2	
178	(HCFC-234) or (Dichlorotetrafluoropropane)	425-94-5	2	
179	(HCFC-235) or (Chloropentafluoropropane)	460-92-4	2	
180	(HCFC-241) or (Tetrachlorofluoropropane)	666-27-3	2	
181	(HCFC-242) or (Trichlorodifluoropropane)	460-63-9	2	
182	(HCFC-243) or (Dichlorotrifluoropropane)	460-69-5	2	
183	(HCFC-244) or (Chlorotetrafluoropropane)	134190-50-4	2	
184	(HCFC-251) or (Chlorotetrafluoropropane)	421-41-0	2	
185	(HCFC-252) or (Dichlorodifluoropropane)	819-00-1	2	
186	(HCFC-253) or (Chlorotrifluoropropane)	460-35-5	2	
187	(HCFC-261) or (Dichlorofluoropropane)	420-97-3	2	
188	(HCFC-262) or (Chlorodifluoropropane)	421-02-03	2	
189	(HCFC-271) or (Chlorofluoropropane)	430-55-7	2	
190	(HCFC-31) or (Chlorofluoromethane)	593-70-4	2	
191	(HFC-134)	359-35-3	2	
192	(HFC-143)	430-66-0	2	
193	(HFC-152)	624-72-6	2	
194	(HFC-161)	353-36-6	2	
195	(HFC-227 ca)	2252-84-8	2	
196	(HFC-227 ea)	431-89-0	2	
197	(HFC-236 cb)	677-56-5	2	
198	(HFC-236ea)	431-63-0	2	
199	(HFC-236fa)	690-39-1	2	
200	(HFC-245ca)	679-86-7	2	
201	(HFC-365mfc)	406-58-6	2	
202	(HFC-14)	593-53-3	2	
203	(HFC-43-10mee)	138495-42-8	2	
204	(HFC-c-447-ef)	15290-77-4	2	
205	Azobenzen or 1,2-diphenyldiazene	103-33-3	2	

206	Ethyl chloride or chloroethane	75-00-3	2	
207	Ethyl acrylate	140-88-5	2	
208	Ethylene dichloride or 1,2-dichloroethane	107-06-2	2	
209	Ethylene oxide or oxirane	75-21-8	2	
210	Ethyleneimine or aziridine	151-56-4	2	
211	N,N-dimethylacetamide	127-19-5	2	
212	N-methyl diethanolamine	105-59-9	2	
213	N-ethyl diethanolamine	139-87-7	2	
214	Isobutyronitrile or 2-methylpropanenitrile	78-82-0	2	
215	Isophorone diisocyanate	4098-71-9	2	
216	Iron pentacarbonyl	13463-40-6	2	
217	Hexachlorocyclopentadiene	77-47-4	2	
218	Hexamethylene diisocyanate	822-06-0	2	
219	Hydroquinone	123-31-9	2	
220	Hydrogen chloride, refrigerated liquid	7647-01-0	2	
221	Hydrogen chloride, anhydrous	7647-01-0	2	
222	Hydrogen sulfide	7783-06-4	2	
223	Hydrogen cyanide	74-90-8	2	
224	Hydrogen fluoride, anhydrous or hydrofluoric acid	7664-39-3	2	
225	Acetic acid	64-19-7	2	
226	Sulfuric acid	7664-93-9	2	
227	Methyl ethyl ketone	78-93-3	2	
228	Phosphorus trichloride	7719-12-2	2	
229	Piperidine	110-89-4	2	
230	Toluene	108-88-3	2	
231	Diethyl ether	60-29-7	2	
232	Acetic anhydride	108-24-7	2	
233	N-Acetylanthranilic acid	89-52-1	2	
234	Ergometrine	60-79-7	2	
235	Ergotamine	113-15-5	2	
236	Ephedrine	299-42-3	2	
237	ISO Safrole	120-58-1	2	
238	Lysrgic acid	50-37-3	2	
239	3,4Methylenedioxyphenyl-2-propanone	4676-39-5	2	ເຄມີຕົ້ນ
240	Norephedrine	14838-15-4	2	
241	Piperonal	120-57-0	2	
242	Safrole	94-59-7	2	
243	Acetone	67-64-1	2	
244	Anthranilic acid	118-92-3	2	
245	Barium sulphate	7727-43-7	2	
246	Benzal dehyde	100-52-7	2	
247	Diethylamine	109-89-7	2	
248	1-Phenyl 2-Propanone	136675-26-8	2	
249	Methylamine	74-89-5	2	
250	Nitroethane	79-24-3	2	
251	Phenylacetic acid	103-82-2	2	
252	Potassium permanganate	7722-64-7	2	
253	Pyridine	110-86-1	2	
254	Octabromodiphenyl ether <b>including:</b>	-	2	
255	- Hexabromodiphenyl ether	36483-60-0	2	ສິນທິສັນຍາ ຮອດເຕີດໍາ
256	- Heptabromodiphenyl ether	68928-80-3	2	
257	Pentabromodiphenyl ether <b>including:</b>	-	2	
258	- Tetrabromodiphenyl ether	40088-47-9	2	
259	- Pentabromodiphenyl ether	32534-81-9	2	

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260	Perfluorooctane sulfonic acid, Perfluorooctane sulfonates, Perfluorooctane sulfonamides and Perfluorooctane sulfonyls <b>including:</b>	-	2	ສິນທິສັນຍາ ຮອດເຕີດໍາ
261	- Perfluorooctane sulfonic acid	1763-23-1	2	
262	- Potassium Perfluorooctane sulfonate	2795-39-3	2	
263	- Lithium Perfluorooctane sulfonate	29457-72-5	2	
264	- Ammonium Perfluorooctane sulfonate	29081-56-9	2	
265	- Diethanolammonium Perfluorooctane sulfonate	70225-14-8	2	
266	- Tetraethylammonium Perfluorooctane sulfonate	56773-42-3	2	
267	- Didecyldimethylammonium Perfluorooctane sulfonate	251099-16-8	2	
268	- N-ethylPerfluorooctane sulfonamide	4151-50-2	2	
269	- N-methylPerfluorooctane sulfonamide	31506-32-8	2	
270	- N-ethyl-N-(2-hydroxyethyl) Perfluorooctane sulfonamide	1691-99-2	2	
271	- N-(2hydroxyethyl)-N-methylPerfluorooctane sulfonamide	24448-09-7	2	
272	- Perfluorooctane sulfonyl fluoride	307-35-7	2	
273	Hexa-Polybrominated biphenyl (PBB)	36355-01-8	2	
274	Tris (2,3-dibomopropyl) phosphate	126-72-7	2	
275	Hexabromocyclododecane	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	2	
276	Tetramethyl lead	75-74-1	2	
277	Tetraethyl lead	78-00-2	2	
<b>ທາດເຄມີຖ້ຳມຸງຕາມສິນທິສັນຍາວ່າດ້ວຍການເກືອດຫ້າມອາວຸດເຄມີ</b>				
278	Chemicals, except for those listed in schedule 1, containing a phosphorus atom to which is bonded one methyl, ethyl or propyl (normal or iso) group but not futher carbon atoms ຕົວຢ່າງ: - Methylphosphonyl dichloride - Dimethyl methylphosphomate <b>ຍົກເວັ້ນ</b> O-ethyl S-phenyl ethylphosphonothiolothionate	676-97-1 756-79-6 944-22-9	2	ເຄມີອັນຕະລາຍ ຄວບຄຸມຕາມ ບັນຊີ 2B (precursors) ໃນເອກະສານ ຊ້ອນທ້າຍອະນຸ ສັນຍາເກືອດ ຫ້າມອາວຸດເຄມີ
279	[N,N-dialkyl (Me, Et, n-pr or i-pr) phosphoramidic dihalides]	-	2	
280	[Dialkyl (Me, Et, n-pr or i-pr) N,N-dialkyl (Me,Et, n-pr or i-pr)-phosphoramidates]	-	2	
281	[N,N-dialkyl (Me, Et, n-pr or i-pr) aminoethane-2-chloride and corresponding protonated salts]	-	2	
282	[N,N-dialkyl (Me, Et, n-pr or i-pr) aminoathane-2-ols and corresponding protonated salt] <b>ຍົກເວັ້ນ:</b> - N,N-dimethylamoniethanol and corresponding protonated salts] - N,N-diethylamonoethanol and corresponding protonated salts]	108-01-0 100-37-8	2	

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283	[N,N-dialkyl (Me, Et, n-pr or i-pr) aminoethane-2-thiols and corresponding protonated salts]	-	2	
<b>ທາດເຄມີຄຸ້ມຄອງຕາມອະນຸສັນຍາມິງເຣອານ ວ່າດ້ວຍສານເຄມີທີ່ທຳລາຍຊັ້ນໂອໂຊນ</b>				
284	Chlorodifluoromethane ຫຼື HCFC-22 (CHF <sub>2</sub> Cl)	75-45-6	2	ອະນຸສັນຍາມິງ ເຣອານ
285	ທາດປະສົມຂອງ HCFC-22	-	2	
<b>ກຸ່ມທາດ ໄຮໂດຣຟລູໂຣຄາບອນ (Hydrofluorocarbons)</b>				
286	1,1,1,2-Tetrafluoroethane ຫຼື HFC-134a (CF <sub>3</sub> CH <sub>2</sub> F)	811-97-2	2	ອະນຸສັນຍາມິງ ເຣອານ
287	1,1-Difluoroethane ຫຼື HFC-152a (CHF <sub>2</sub> CH <sub>3</sub> )	75-37-6	2	
288	Pentafluoroethane ຫຼື HFC-125 (CF <sub>3</sub> CHF <sub>2</sub> )	354-33-6	2	
289	1,1,1-Trifluoroethane ຫຼື HFC-143a (CF <sub>3</sub> CH <sub>3</sub> )	420-46-2	2	
290	Difluoromethane ຫຼື HFC-32 (CH <sub>2</sub> F <sub>2</sub> )	75-10-5	2	
291	Trifluoromethane ຫຼື HFC-23 (CHF <sub>3</sub> )	75-46-7	2	
292	1,1,1,3,3-Pentafluoropropane ຫຼື HFC-245fa (CF <sub>3</sub> CH <sub>2</sub> CHF <sub>2</sub> )	460-73-1	2	
293	2,3,3,3-Tetrafluoropropene ຫຼື HFC-1,2,3,4yf (CH <sub>2</sub> =CF <sub>2</sub> CF <sub>3</sub> )	754-12-1	2	
294	ທາດປະສົມຂອງ HFCs	-	2	
<b>ກຸ່ມທາດເຮັດຄວາມເຢັນທີ່ບໍ່ປົນຈຸຣາໄວເຈັນ (Halogen-free Refrigerants)</b>				
295	Ammonia ຫຼື R-717 (NH <sub>3</sub> )	7664-41-7	2	ອະນຸສັນຍາມິງ ເຣອານ
296	Carbon dioxide ຫຼື R-744 (CO <sub>2</sub> )	124-38-9	2	
297	Butane ຫຼື R-600 (CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub> )	106-97-8	2	
298	Iso-Butane ຫຼື R-600a (C <sub>4</sub> H <sub>10</sub> )	75-28-5	2	
299	Propane ຫຼື R-290 (C <sub>3</sub> H <sub>8</sub> )	74-98-6	2	
<b>ກຸ່ມທາດເຄມີອື່ນໆ</b>				
300	ກຸ່ມທາດກູໂຣຟລູໂຣຄາບອນ (Chlorofluorocarbons)	-	2	
301	ກຸ່ມທາດເປີຟລູໂຣຄາບອນ (Perfluorocarbons)	-	2	
302	ກຸ່ມທາດໄຮໂດຣກູໂຣຟລູໂຣຄາບອນ (Hydrochlorofluorocarbons)	-	2	
303	ກຸ່ມທາດໄຮໂດຣຟລູໂຣຄາບອນ (Hydrofluorocarbons)	-	2	
304	White oil or Refined petroleum oil	-	2	

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ຕາຕະລາງທີ 3: ເຄມີອັນຕະລາຍປະເພດ ສາມ

ລ/ດ	ຊື່ທາດເຄມີ	ເລກທະບຽນ (CAS No.)	ປະເພດ	ໝາຍເຫດ
1	1,2-Dichloroethylene	540-59-0	3	
2	2-Chloroethyl alcohol or 2-chloroethanol	107-07-3	3	
3	2-Enthylhexyl acrylate	103-11-7	3	
4	Thioglycolic acid or 2-mercaptoacetic acid	68-11-1	3	
5	Nitric acid	7697-37-2	3	
6	Glucidol or 2,3-epoxy-1-propanpol	556-52-5	3	
7	Chlorobenzene or phenyl chloride	108-90-7	3	
8	Carbon disulfide	75-15-0	3	
9	Tert-butyl mercaptan or 2-methyl-2-propanethiol	75-66-1	3	
10	Nitrobenzene or oil of mirbane	98-95-3	3	
11	Boron tribromide	10294-33-4	3	
12	P-cresol or 4-methyl phenol	106-44-5	3	
13	Formaldehyde or methanal	50-00-0	3	
14	Phosphorus sesquisulfide or Tetrphosphorus trisulfide	1314-85-8	3	
15	Phenol	108-95-2	3	
16	Furfural or 2-furraldehyde	98-01-1	3	
17	M-Cresol or 3-methyl phenol	108-39-4	3	
18	Methyl chloride or chloromethane	74-87-3	3	
19	Methyl methacrylate	80-62-6	3	
20	Methyl acrylate	96-33-3	3	
21	Vinyl acetate	108-05-4	3	
22	Styrene	100-42-5	3	
23	O-cresol or 2-methylphenol	95-48-7	3	
24	Acrylamide or propenamamide	79-06-1	3	
25	Allyl chloride or 3-chloro-1-propene	107-05-1	3	
26	Epichlorohydrin or 1-chloro-2,3-epoxypropane	106-89-8	3	
27	Ammonium hydroxide	1336-21-6	3	
28	Isobutyl mercaptan or 2-methyl-1-propanethiol	513-44-0	3	
29	Chrysotile	12001-29-5	3	
30	Potassium nitrate	7757-79-1	3	
31	Ammonium nitrate	6484-52-2	3	
32	Ethyl acrylate	140-88-5	3	
33	(Potassium hydroxide)	1310-58-3	3	
34	Sodium hydroxide	1310-73-2	3	
35	Propionyl chloride	79-03-8	3	
36	JINCHAN Ore Gold-dressing Agent	-	3	
37	Sodium hypochlorite	7681-52-9	3	
38	Caffeine	58-08-2	3	ເຄມີຕົ້ນ
39	Methyl iso-butyl ketone (MIBK)	108-10-1	3	
40	Benzyl cyanide	140-29-4	3	
41	Acetylene	74-86-2	3	
42	Argon	7440-37-1	3	ທາດອາຍພາຍ ໃຕ້ຄວາມດັນສູງ
43	Helium	7440-59-7	3	
44	Hydrogen	1333-74-0	3	
45	Methane	74-82-8	3	
46	Liquefied Petroleum Gas (LPG)	68476-85-7	3	
47	Nitrogen	7727-37-9	3	

ຕາຕະລາງທີ 4: ເສມີອັນຕະລາຍປະເພດ ສີ່

ລ/ດ	ຊື່ທາດເສມີ	ເລກທະບຽນ (CAS No.)	ປະເພດ	ໝາຍເຫດ
1	[(4-Diethoxymethylsilyl) butylamine]	3037-72-7	4	
2	1,1,2-Trichloroethane	79-00-5	4	
3	2,2-Dichlorodiethyl ether or 1,1-oxybis-2-chloroethane	111-44-4	4	
4	2-Chloroethanesulfonyl chloride	1622-32-8	4	
5	2-Methyl-2-propene-1,1-diol diacetate	10476-95-6	4	
6	2-Methyl-5-vinyl pyridine	140-76-1	4	
7	3-(Trifluoromethyl) benzenamine	98-16-8	4	
8	3,3-Bis(chloromethyl) oxetane	78-71-7	4	
9	3,4-Dichlorophenyl isocyanate	102-36-3	4	
10	3-Chloropropanenitrile	542-76-7	4	
11	4-Nitropyridine-1-oxide	1124-33-0	4	
12	4-Aminopropiophenone	70-69-9	4	
13	Selenious acide	7783-00-8	4	
14	Benzenearsonic acid	98-05-5	4	
15	Polyphosphoric acid	8017-16-1	4	
16	Pyrophosphoric acid	2466-09-3	4	
17	M-phosphoric acid	37267-86-0	4	
18	O-phosphoric acid	7664-38-2	4	
19	Acrylic acid	79-10-7	4	
20	Ozone	10028-15-6	4	
21	Gallium trichloride	13450-90-3	4	
22	Gold (I) cyanide	506-65-0	4	
23	Gold sodium cyanide	15280-09-8	4	
24	Gold potassium cyanide	13967-50-5	4	
25	Chloroethyl chloroformate	627-11-2	4	
26	Copper (I) cyanide	544-92-3	4	
27	Copper (II) sulphate pentahydrate	7758-99-8	4	
28	Copper (II) cyanide	14763-77-0	4	
29	Calcium hypochlorite	7778-54-3	4	
30	Salcomine	14167-18-1	4	
31	Sulfur tetrafluoride	7783-60-0	4	
32	Sec-butyl acetate	105-46-4	4	
33	Semicarbazide hydroxchloride	564-41-7	4	
34	Sodium fluorosilicate or sodium hexafluorosilicate	16893-85-9	4	
35	Xylylene dichloride	28347-13-9	4	
36	Xylenol or dimethyl phenol	108-68-9	4	
37	Dichloromethylphenylsilane	149-74-6	4	
38	Dithiazanine iodide	514-73-8	4	
39	Dimethylhydrazine	57-14-7	4	
40	Diethyl chlorophosphonate or Diethoxy phosphorus oxychloride	814-49-3	4	
41	Diethylenetriamine (2,2-diaminodiethylamine)	111-40-0	4	
42	Tetrachloroethane or acetylene tetra chloride or 1,1,2,2-tetrachloroethane	79-34-4	4	
43	Trichloro (chloromethyl) silane	1558-25-4	4	
44	Trichloro (dichlorophenyl) silane	27137-85-5	4	
45	Trichlorophenylsilane	98-13-5	4	
46	Trichloroacetyl chloride	76-02-8	4	
47	Trimethyltin chloride	1066-45-1	4	
48	Trimethylolpropane phosphite	824-11-3	4	

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49	Triethoxysilane	998-30-1	4	
50	Triethylenetetramine	112-24-3	4	
51	{{(Trans-4)-dichloro {4,4-dimethylzinc-5 {{{(methylamino) carbonyl] oxy}-imino} pentanenitrile}}}	58270-08-9	4	
52	Thallos chloride	7791-12-0	4	
53	Thallos carbonate	6533-73-9	4	
54	Thallos malonate	2757-18-8	4	
55	Titanium tetrachloride	7550-45-0	4	
56	Thiocarbazine	2231-57-4	4	
57	Thiosemicarbazine	79-19-6	4	
58	Thiophenol	108-98-5	4	
59	N-butyl acetate	123-86-4	4	
60	Nitrogen dioxide or dinitrogen tetroxide	10102-44-0	4	
61	Nitrocyclohexane	1122-60-7	4	
62	Benzotrichloride	98-07-7	4	
63	Barium chlorate	13477-00-4	4	
64	Barium chloride	10361-37-2	4	
65	Barium carbonate	513-77-9	4	
66	Barium sulfide	21109-95-5	4	
67	Barium nitrate	10022-31-8	4	
68	Bromoform or tribromomethane	75-25-2	4	
69	Berchloromethylmercaptan	594-42-3	4	
70	Barafomaldehyde	30525-89-4	4	
71	Bentachloroethane	76-01-7	4	
72	Pentadecylamine or pentadecan-1-amine	2570-26-5	4	
73	Potassium fluoride	7789-23-3	4	
74	Potassium arsenite	10124-50-2	4	
75	Potassium hexafluorosilicate	16871-90-2	4	
76	Propionitrile or ethyl cyanide	107-12-0	4	
77	Pyrene	129-00-0	4	
78	Formparanate	17702-57-7	4	
79	Phenylsilatrane	2097-19-0	4	
80	Methacrylic anhydride	760-93-0	4	
81	Methacryloyl chloride	920-46-7	4	
82	Methacryloyloxyethyl isocyanate	30674-80-7	4	
83	Methanol or methyl alcohol	67-56-1	4	
84	Methyl acetate	79-20-9	4	
85	Methylene chloride or dichloromethane	75-09-2	4	
86	Manganese III oxide	1317-34-6	4	
87	Manganese III phosphate hydrate	104663-56-1	4	
88	Manganese oxide or manganese IV oxide	1313-13-9	4	
89	Acetylene tetrabromide or 1,1,2,2-tetrabromoethane	79-27-6	4	
90	Adiponitrile	111-69-3	4	
91	Ethyl acetate	141-78-6	4	
92	Ethylene glycol monobutyl ether or 2-butoxyethanol	111-76-2	4	
93	Ethylene glycol monomethyl ether or 2-methoxyethanol	109-86-4	4	
94	Ethylene glycol monoethyl ether or 2-ethoxyethanol	110-80-5	4	
95	Ethylene glycol monoethyl ether acetate or 2-ethoxyethyl acetate	111-15-9	4	
96	Ethylenediamine or 1,2-diaminoethane	107-15-3	4	
97	Ethyltrichlorosilane	115-21-9	4	
98	N,N'-di-n-butyl-1,6-hexanediamine	4835-11-4	4	
99	N,N-dimethyl-1,2-phenylenediamine	2836-03-5	4	



