

NGK Group's Green Procurement Standard - Appendixes

Appendix 1 : About Prohibited Substances and Controlled Substances

Appendix A : Examples of Prohibited Substances

Appendix B : Examples of Controlled Substances

April 2023 (Version 4)

About Prohibited Substances and Controlled Substances

If a single substance falls within more than one of the standards for Prohibited and Controlled Substances described in Appendix 1, the following rules shall apply.

- 1) If the substance falls within both the standard for Prohibited Substances, and the standard for Controlled Substances, it shall be treated as a Prohibited Substance.
- 2) If the substance falls within more than one standard for Controlled Substances, the stricter or strictest control criterion shall apply. This is also the case for a substance falling under multiple numbers within the same standard.

If NGK or an NGK Group Company requires information on the ingredient substances submitted in a specific document format, such a format shall be used.

[Prohibited Substances]

◆ Standard for Prohibited Substances A

Unless specifically exempted (or specifically defined as an essential use) by the applicable laws and regulations, any raw materials, parts, members, auxiliary materials, products or the like that contain a substance defined as a Prohibited Substance under this standard must not be delivered to NGK or its Group Companies.

In addition to the substances defined as Prohibited Substances under this standard, any raw materials, parts, members, auxiliary materials, products or the like that contain a substance prohibited by the laws and regulations that govern the country or the region where NGK or its Group Company operates must not be delivered to NGK or its Group Companies.

No.	Applicable laws and regulations	Substances / Group of substances/Applicable laws and regulations,
1	Japan: Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals	Specific substances prohibited by the Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals
2	Japan: Law Concerning Special Measures against PCB Waste	Polychlorinated biphenyl (Synonym: PCB)
3	Japan: Poisonous and Deleterious Substances Control Act (Poisonous substance)	Alkylmercury compound
4	Japan: Industrial Safety and Health Act	Substances prohibited by Industrial Safety and Health Act (Substance prohibited for manufacture)
5	Japan: Industrial Safety and Health Act	Asbestos *amosite, crocidolite, chrysotile, tremolite, akutinolite, anthophyllite
6	Japan: Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)
7	Japan: Ozone Layer Protection Law	Ozone Layer Protection Law (A-I, II, B-I, II, III, C-II, III and E-I)
8	EU REACH Regulations (ANNEX XVII)	Dimethyl fumarate

* Appendix A lists examples of substances prohibited by the standard for Prohibited Substances. Any substance not listed in Appendix A which applies to the above standard for Prohibited Substances shall be defined as a Prohibited Substance.

[Controlled Substances]

◆ **Standard for Controlled Substances B-1**

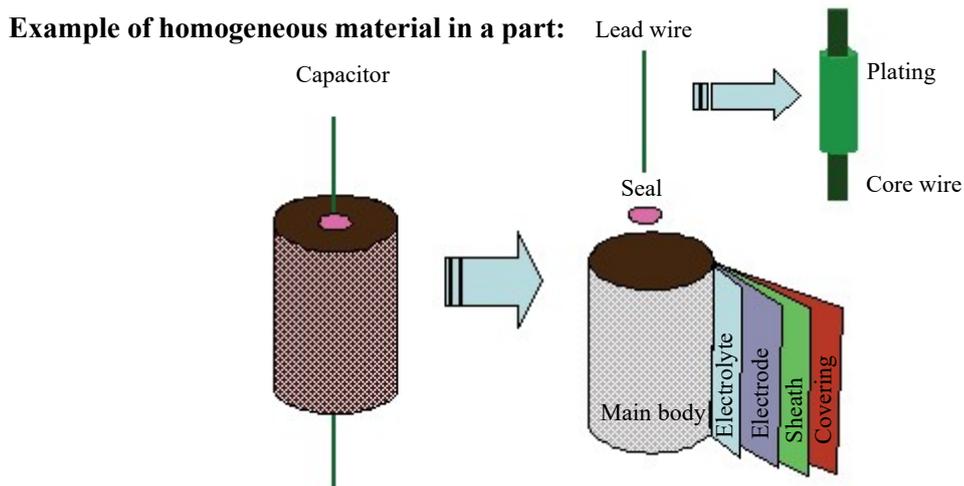
A supplier that delivers a raw material containing a substance controlled by this standard to NGK or its Group Company must, regardless of the content ratio, submit information on the element contained, name of substance, portion containing the substance, amount of substance and content ratio to the delivery recipient. A supplier that delivers a part, member, auxiliary material, product or the like that contains the substance controlled by this standard at a ratio exceeding the control value to NGK or its Group Company must submit information on the element contained, name of substance, portion containing the substance, amount of substance and content ratio to the delivery recipient. If the supplier discovers after the delivery that the delivered goods contained any Controlled Substance, the supplier must immediately notify as such to NGK or its Group Company.

No.	Applicable laws and regulations	Substances/Group of substances/ Applicable laws and regulations, etc.	Control value
1	EU RoHS Directive (2011/65/EU, etc.) EU ELV Directive (2000/53/EC, etc.)	Restricted substances listed in Annex II of EU RoHS Directive Substances controlled by EU ELV Directive	<ul style="list-style-type: none"> • Contained in raw materials • Contained at 0.1 weight percent or 0.01 weight percent in homogeneous material (refer to Appendix B-1 for details) or intentional additive.

* Even if the substance falls under the essential use defined by EU RoHS Directive or EU ELV Directive at the time of delivery, the supplier must submit the content information on all the substances controlled by this standard to NGK or its Group Company.

* Explanation on homogeneous material:

Material which has a homogeneous structure in its entirety and cannot be separated mechanically



◆ Standard for Controlled Substances B-2

A supplier that delivers a raw material containing a substance controlled by this standard to NGK or its Group Company must, regardless of the content ratio, submit information on the name of substance, portion containing the substance, amount of substance, content ratio and so forth to the delivery recipient. A supplier that delivers a part, member, auxiliary material, product or the like containing substances that fall under this standard to NGK or its Group Company must submit information on the portion containing the substance, amount of substance, content ratio and so forth with respect to the content exceeding the controlled value if so required by NGK or its Group Company.

No.	Applicable laws and regulations	Substances/Group of substances/ Applicable laws and regulations, etc.	Control value
1	EU REACH Regulations (EC) No. 1907/2006, etc.)	Substances listed in Candidate List in Annexes X and IV of EU REACH Regulations https://echa.europa.eu/candidate-list-table	<ul style="list-style-type: none"> • Contained in raw materials • 0.1 weight percent of the separable parts weight or intentional additive
2	Toxic Substances Control Act (USA)	TSCA section 6(h) https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals#risk	PCPT : 1 weight percent of the separable parts weight TTBP : 0.3 weight percent of the separable parts weight Other : No permission threshold/
3	-	GADSL Reference List http://www.gadsl.org/	0.1 weight percent of the separable parts weight or intentional additive (See Prohibited on the GADSL Reference List)

For the substances defined as Prohibited Substances on the GADSL Reference List,
A supplier must inform NGK or its Group Companies of the substances.

* Appendixes B-1 and B-2 list example substances that correspond to the standards for Controlled Substances B-1 and B-2 respectively. Even if not listed in Appendixes B-1 or B-2, all substances falling under the above Controlled Substance standards B-1 or B-2 shall be considered Controlled Substances and the suppliers must submit the related information to NGK and its Group Companies.

◆ Miscellaneous

The supplier must submit a written guarantee that states non-inclusion of substances other than those specified by the standards for Controlled Substances B-1 or B-2 or such information concerning their contents, if so required by NGK or its Group Company.

[Examples of Prohibited Substances]

This list shows examples of substances falling under standards for Prohibited Substances as shown in Appendix 1.

No	Name of chemicals	Laws and regulations	Reference/ CAS No.*
1	O-Alkyl (incl. cycloalkyl) alkyl-phosphonofluoridates (limited to those which have 10 or less carbons in alkyl group in O-alkyl and 3 or less carbons in alkyl group in alkyl phosphonofluoridates)	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	107-44-8 96-64-0
2	O-Alkyl (incl. cycloalkyl)=N,N-dialkyl=phosphoramidocyanidates (limiting to those which have 10 or less carbons in alkyl group in O-alkyl and 3 or less carbons in alkyl group in N,N-dialkyl)	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	77-81-6
3	O-Alkyl (incl. cycloalkyl)=S-2-dialkylaminoethyl=alkyl phosphonothiolates (limited to those which have 10 or less carbons in alkyl group in O-alkyl and 3 or less carbons in alkyl group in S-2-dialkylaminoethyl and alkylphosphonothiolates) and corresponding alkylated or protonated salts	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	50782-69-9
4	S-2-dialkylaminoethyl=hydrogen=alkylphosphonothiolates (limited to those which have 3 or less carbons in alkyl group in S-2-dialkylaminoethyl and alkylphosphonothiolates) and corresponding alkylated or protonated salts	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	
5	2-chloroethyl methyl sulfide	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	2625-76-5
6	Bis(2-chloroethyl)sulfide	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	505-60-2
7	Bis(2-chloroethylthio)methane	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	63869-13-6
8	1,2-Bis(2-chloroethylthio)ethane	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	3563-36-8
9	1,3-Bis(2-chloroethylthio)-n-propane	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	63905-10-2
10	1,4-Bis(2-chloroethylthio)-n-butane	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	142868-93-7
11	1,5-Bis(2-chloroethylthio)-n-pentane	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	142868-94-8
12	Bis(2-chloroethylthiomethyl)ether	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	63918-90-1
13	Bis(2-chloroethylthioethyl)ether	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	63918-89-8
14	2-chlorovinyl dichloroarsine	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	541-25-3
15	Bis(2-chlorovinyl)chloroarsine	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	40334-69-8
16	Tris(2-chlorovinyl)arsine	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	40334-70-1
17	Bis(2-chloroethyl)ethylamine	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	538-07-8
18	Bis(2-chloroethyl)methylamine	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	51-75-2

No	Name of chemicals	Laws and regulations	Reference/ CAS No.*
19	Tris(2-chloroethyl)amine	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	555-77-1
20	Saxitoxin	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	35523-89-8
21	Lysine	Law on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals (Specific substance)	9009
22	Polychlorinated biphenyl (Synonym: PCB)	Law Concerning Special Measures against PCB Waste Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
23	Alkylmercury compound	Poisonous and Deleterious Substances Control Act (Poisonous substance)	
24	Phosphorus(yellow)	Industrial Safety and Health Act (Substance prohibited for manufacture)	12185-10-3
25	Benzidine and its salts	Industrial Safety and Health Act (Substance prohibited for manufacture)	
26	4-aminodiphenyl and its salts	Industrial Safety and Health Act (Substance prohibited for manufacture)	
27	4-nitrodiphenyl and its salts	Industrial Safety and Health Act (Substance prohibited for manufacture)	
28	Bis(chloromethyl)ether	Industrial Safety and Health Act (Substance prohibited for manufacture)	542-88-1
29	β -naphthylamine and its salts	Industrial Safety and Health Act (Substance prohibited for manufacture)	
30	Rubber adhesives containing benzene exceeding 5% of solvent (including diluents) of rubber adhesive	Industrial Safety and Health Act (Substance prohibited for manufacture)	
31	Asbestos *amosite, crocidolite, chrysotile, tremolite, akuntinomite, anthophyllite	Industrial Safety and Health Act (Substance prohibited for manufacture)	
32	Polychloronaphthalene (limited to those which have 3 or more chloride)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
33	Hexachlorobenzene	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	118-74-1
34	1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-Hexahydro-Exo-1,4-End-5,8,-Dimethanonaphthalene (Synonyms: Aldrin)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	309-00-2
35	1,2,3,4,10,10-Hexachloro-6,7-Epoxy-1,4,4a,5,6,7,8,8a-Octahydro-Exo-1,4-End-5,8-Dimethanonaphthalene (Synonyms: Dieldrin)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	60-57-1
36	1,2,3,4,10,10-Hexachloro-6,7-Epoxy-1,4,4a,5,6,7,8,8a-Octahydro-End-1,4-End-5,8-Dimethanonaphthalene (Synonyms: Endrin)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	72-20-8
37	1,1,1-Trichloro-2,2-Bis (4-Chlorophenyl) Ethane (Synonyms: DDT)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	50-29-3
38	1,2,4,5,6,7,8,8-Octachloro-2,3,3a,4,7,7a-Hexahydro-4,7-Methano-1H-Indene,1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-Tetrahydro-4,7-Methano-1H-Inden and mixture of relative compounds of these (Synonyms: Chlordane or Heptachlor)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
39	Bis (Tributyltin) = Oxide	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	56-35-9
40	N,N'-Ditolyl-Para-Phenylenediamine,N-Tolyl-N'-Xylyl-Para-phenylenediamine or N,N'-Dixylyl-Para-Phenylenediamine	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
41	2,4,6-Tri-Tertiary-Butylphenol	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	732-26-3

No	Name of chemicals	Laws and regulations	Reference/ CAS No.*
42	Polychloro-2,2-Dimethyl-3-Methylidenebicyclo [2.2.1] Heptane (Synonyms: Toxaphene)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	8001-35-2
43	Dodecachloropentacyclo [5.3.0.0 (2, 6). 0 (3, 9). 0 (4, 8)] Decane (Synonyms: Mirex)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	2385-85-5
44	2,2,2-Trichloro-1,1-Bis (4-Chlorophenyl) Ethanol (Synonyms: Kelthane or Dicofol)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	115-32-3
45	Hexachlorobuta-1,3-Diene	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	87-68-3
46	2-(2H-1,2,3-Benzotriazole-2-Il)-4,6-Di-tert-Butylphenol	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	3846-71-7
47	Perfluoro (Octane-1-Sulfonic acid) (Synonyms: PFOS) or its salts	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
48	Perfluoro (Octane-1-Sulfonyl) = Fluoride (Synonyms: PFOSF)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	307-35-7
49	Pentachloro benzene	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	608-93-5
50	r-1, c-2, t-3, c-4, t-5, t-6 – Hexachlorocyclohexane (Synonyms: α-Hexachlorocyclohexane)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	319-84-6
51	r-1, t-2, c-3, t-4, c-5, t-6 – Hexachlorocyclohexane (Synonyms: β-Hexachlorocyclohexane)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	319-85-7
52	r-1, c-2, t-3, c-4, c-5, t-6 – Hexachlorocyclohexane (Synonyms: γ-Hexachlorocyclohexane (Lindane))	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	58-89-9
53	Decachlorocyclo [5.3.0.0 (2, 6). 0 (3, 9). 0 (4, 8)] Decane – 5 – One (Synonyms: Chlordecone)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	143-50-0
54	Hexabromobiphenyl	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
55	Tetrabromo (Phenoxybenzen) (Synonyms: Tetrabromodiphenyl ether)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
56	Pentabromo (Phenoxybenzene) (Synonyms: Pentabromodiphenyl ether)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
57	Hexabromo (Phenoxybenzene) (Synonyms: Hexabromodiphenyl ether)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
58	Heptabromo (Phenoxybenzene) (Synonyms: Heptabromodiphenyl ether)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
59	6,7,8,9,10-Hexachloro-1,5,5a,6,9,9a-Hexahydro-6,9-Methano-2,4,3-Benzodioxathiepine = 3-Oxide (Synonyms: endosulfan or benzoepin)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
60	Hexabromocyclododecane	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
61	Pentachlorophenol or its salts or ester	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	
62	Polychlorinated normal paraffin (limited to those in which the number of carbon is 10 to 13 and the content of chlorine is more than 48% of the total weight)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	

No	Name of chemicals	Laws and regulations	Reference/ CAS No.*
63	1,1'-Oxybis (2,3,4,5,6-pentabromobenzene) (also known as decabromodiphenyl ether)	Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Class I specified chemical substance)	1163-19-5
64	Trichlorofluoromethane (Synonym: CFC-11)	Ozone Layer Protection Law (A-I)	75-69-4
65	Dichlorodifluoromethane** (Synonym: CFC-12)	Ozone Layer Protection Law (A-I)	75-71-8
66	Trichlorotrifluoroethane (Synonym: CFC-113)	Ozone Layer Protection Law (A-I)	
67	Dichlorotetrafluoroethane (Synonym: CFC-114)	Ozone Layer Protection Law (A-I)	
68	Chloropentafluoroethane (Synonym: CFC-115)	Ozone Layer Protection Law (A-I)	76-15-3
69	Bromochlorodifluoromethane*** (Synonym: Halon-1211)	Ozone Layer Protection Law (A-II)	353-59-3
70	Bromotrifluoromethane*** (Synonym: Halon-1301)	Ozone Layer Protection Law (A-II)	75-63-8
71	Dibromotetrafluoroethane*** (Synonym: Halon-2402)	Ozone Layer Protection Law (A-II)	-
72	Chlorotrifluoromethane (Synonym: CFC-13)	Ozone Layer Protection Law (B-I)	75-72-9
73	Pentachlorofluoroethane (Synonym: CFC-111)	Ozone Layer Protection Law (B-I)	354-56-3
74	Tetrachlorodifluoroethane (Synonym: CFC-112)	Ozone Layer Protection Law (B-I)	
75	Heptachlorofluoropropane (Synonym: CFC-211)	Ozone Layer Protection Law (B-I)	
76	Hexachlorodifluoropropane (Synonym: CFC-212)	Ozone Layer Protection Law (B-I)	
77	Pentachlorotrifluoropropane (Synonym: CFC-213)	Ozone Layer Protection Law (B-I)	
78	Tetrachlorotetrafluoropropane (Synonym :CFC-214)	Ozone Layer Protection Law (B-I)	
79	Trichloropentafluoropropane (Synonym: CFC-215)	Ozone Layer Protection Law (B-I)	
80	Dichlorohexafluoropropane (Synonym: CFC-216)	Ozone Layer Protection Law (B-I)	
81	Chloroheptafluoropropane (Synonym: CFC-217)	Ozone Layer Protection Law (B-I)	
82	Carbon tetrachloride	Ozone Layer Protection Law (B-II)	56-23-5
83	1,1,1-Trichloroethane	Ozone Layer Protection Law (B-III)	71-55-6
84	Dibromofluoromethane	Ozone Layer Protection Law (C-II)	1868-53-7
85	Bromodifluoromethane (Synonym: HBFC-22B1)	Ozone Layer Protection Law (C-II)	1511-62-2
86	Bromofluoromethane	Ozone Layer Protection Law (C-II)	373-52-4
87	Tetrabromofluoroethane	Ozone Layer Protection Law (C-II)	306-80-9
88	Tribromodifluoroethane	Ozone Layer Protection Law (C-II)	
89	Dibromotrifluoroethane	Ozone Layer Protection Law (C-II)	354-04-1
90	Bromotetrafluoroethane	Ozone Layer Protection Law (C-II)	
91	Tribromofluoroethane	Ozone Layer Protection Law (C-II)	
92	Dibromodifluoroethane	Ozone Layer Protection Law (C-II)	
93	Bromotrifluoroethane	Ozone Layer Protection Law (C-II)	421-06-7
94	Dibromofluoroethane	Ozone Layer Protection Law (C-II)	358-97-4
95	Bromodifluoroethane	Ozone Layer Protection Law (C-II)	
96	Bromofluoroethane	Ozone Layer Protection Law (C-II)	762-49-2
97	Hexabromofluoropropane	Ozone Layer Protection Law (C-II)	
98	Pentabromodifluoropropane	Ozone Layer Protection Law (C-II)	
99	Tetrabromotrifluoropropane	Ozone Layer Protection Law (C-II)	
100	Tribromotetrafluoropropane	Ozone Layer Protection Law (C-II)	
101	Dibromopentafluoropropane	Ozone Layer Protection Law (C-II)	
102	Bromohexafluoropropane	Ozone Layer Protection Law (C-II)	2252-79-1

No	Name of chemicals	Laws and regulations	Reference/ CAS No.*
103	Pentabromodifluoropropane	Ozone Layer Protection Law (C-II)	
104	Tetrabromodifluoropropane	Ozone Layer Protection Law (C-II)	
105	Tribromotrifluoropropane	Ozone Layer Protection Law (C-II)	
106	Dibromotetrafluoropropane	Ozone Layer Protection Law (C-II)	
107	Bromopentafluoropropane	Ozone Layer Protection Law (C-II)	
108	Tetrabromofluoropropane	Ozone Layer Protection Law (C-II)	148875-95-0
109	Tribromodifluoropropane	Ozone Layer Protection Law (C-II)	70192-80-2
110	Tetrabromodifluoropropane	Ozone Layer Protection Law (C-II)	
111	Tribromotrifluoropropane	Ozone Layer Protection Law (C-II)	
112	Dibromotetrafluoropropane	Ozone Layer Protection Law (C-II)	75372-14-4
113	Bromopentafluoropropane	Ozone Layer Protection Law (C-II)	460-25-3
114	Tetrabromofluoropropane	Ozone Layer Protection Law (C-II)	
115	Tribromodifluoropropane	Ozone Layer Protection Law (C-II)	51584-26-0
116	Tetrabromodifluoropropane	Ozone Layer Protection Law (C-II)	
117	Bromofluoropropane	Ozone Layer Protection Law (C-II)	352-91-0
118	Bromochloromethane	Ozone Layer Protection Law (C-III)	74-97-5
119	Methyl bromide	Ozone Layer Protection Law (E-I)	74-83-9
120	Dimethyl fumarate	EU REACH Regulations	624-49-7

* This list specifies prohibited substances by its chemical substance name. CAS No. is indicated as a reference because CAS No. of some prohibited substances are not specified in this list.

** Excluding use in existing refrigerant facilities.

*** Excluding halon for extinguisher.

[Examples of Controlled Substances - Standard B-1]

This list shows examples of substances falling under standard for Controlled Substances B-1 in Appendix 1.

Name of substance	Control value	
Lead and its compounds	0.1 weight percent as lead	Or intentional additive
Mercury and its compounds	0.1 weight percent as mercury	Or intentional additive
Cadmium or its compounds	0.01 weight percent as cadmium	Or intentional additive
Hexavalent chromium and its compounds	0.1 weight percent as hexavalent chromium	Or intentional additive
Polybrominated biphenyls (PBB) and its series substances	0.1 weight percent as polybrominated biphenyls (PBB)	Or intentional additive
Polybrominated diphenyl ethers (PBDE) and its series substances	0.1 weight percent as polybrominated diphenyl ethers (PBDE)	Or intentional additive
Bis(2-ethylhexyl) phthalate (DEHP)	0.1 weight percent as Bis(2-ethylhexyl) phthalate (DEHP)	Or intentional additive
Benzyl butyl phthalate (BBP)	0.1 weight percent as Benzyl butyl phthalate (BBP)	Or intentional additive
Dibutyl phthalate (DBP)	0.1 weight percent as Dibutyl phthalate (DBP)	Or intentional additive
Diisobutyl phthalate (DIBP)	0.1 weight percent as Diisobutyl phthalate (DIBP)	Or intentional additive

[Examples of Controlled Substances - Standard B-2-1]

This list shows examples of substances falling under standard for Controlled Substances B-2 in Appendix 1.

No.	Name of substance	EC No.	Example of CAS No.
1	Triethyl arsenate	427-700-2	15606-95-8
2	Alkanes C10-C13 chloro (short chain chlorinated paraffins, SCCP)	287-476-5	85535-84-8
3	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	247-148-4 221-695-9	25637-99-4 3194-55-6 etc.
4	Sodium dichromate	234-190-3	7789-12-0 10588-01-9
5	Lead hydrogen arsenate	232-064-2	7784-40-9
6	Diarsenic trioxide	215-481-4	1327-53-3
7	Diarsenic pentaoxide	215-116-9	1303-28-2
8	Anthracene	204-371-1	120-12-7
9	Bis (2-ethylhexyl)phthalate(DEHP)	204-211-0	117-81-7
10	4,4'-Diaminodiphenylmethane(MDA)	202-974-4	101-77-9
11	Benzylbutylphthalate (BBP)	201-622-7	85-68-7
12	Dibutyl phthalate (DBP)	201-557-4	84-74-2
13	5-tert-butyl-2,4,6-trinitro-m-xylene	201-329-4	81-15-2
14	Bis (tributyltin)oxide (TBTO)	200-268-0	56-35-9
15	Anthracene oil, anthracene paste, distillation lights	295-278-5	91995-17-4
16	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2
17	Anthracene oil, anthracene-low	292-604-8	90640-82-7
18	Anthracene oil, anthracene paste	292-603-2	90640-81-6
19	Anthracene oil	292-602-7	90640-80-5
20	Pitch, coaltar, high temperature	266-028-2	
21	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8
22	Lead chromate	231-846-0	7758-97-6
23	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2
24	2,4-Dinitrotoluene	204-450-0	121-14-2
25	Tris (2-chloroethyl)phosphate	204-118-5	115-96-8
26	Diisobutyl phthalate (DIBP)	201-553-2	84-69-5
27	Acrylamide	201-173-7	79-06-1
28	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1
29	Boric acid	233-139-2 234-343-4	10043-35-3 11113-50-1
30	Ammonium dichromate	232-143-1	7789-09-5

No.	Name of substance	EC No.	Example of CAS No.
31	Potassium chromate	232-140-5	7789-00-6
32	Potassium dichromate	231-906-6	7778-50-9
33	Sodium chromate	231-889-5	7775-11-3
34	Disodium tetraborate, anhydrous	215-540-4	1303-96-4 1330-43-4 12179-04-3
35	Trichloroethylene	201-167-4	79-01-6
36	Cobalt(II) dinitrate	233-402-1	10141-05-6
37	Cobalt(II) sulphate	233-334-2	10124-43-3
38	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	231-801-5 236-881-5 Without No.	7738-94-5 13530-68-2
39	Chromium trioxide	215-607-8	1333-80-0
40	Cobalt (II) carbonate	208-169-4	513-79-1
41	2-Ethoxyethanol	203-804-1	110-80-5
42	2-Methoxyethanol	203-713-7	109-86-4
43	Cobalt (II) diacetate	200-755-8	71-48-7
44	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6
45	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4
46	Strontium chromate	232-142-6	7789-06-2
47	1-Methyl-2-pyrrolidone	212-828-1	872-50-4
48	Hydrazine	206-114-9	302-01-2 / 7803-57-8
49	2-Ethoxyethyl acetate	203-839-2	111-15-9
50	1,2,3-Trichloropropane	202-486-1	96-18-4
51	Cobalt dichloride	231-589-4	7646-79-9
52	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4
53	Pentazinc chromate octahydroxide	256-418-0	49663-84-5
54	Dichromium tris (chromate)	246-356-2	24613-89-6
55	Lead styphnate	239-290-0	15245-44-0
56	Lead diazide, Lead azide (II)	236-542-1	13424-46-9
57	Potassiumhydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9
58	Calcium arsenate	231-904-5	7778-44-1
59	Arsenic acid	231-901-9	7778-39-4
60	Lead dipicrate	229-335-2	6477-64-1
61	Trilead diarsenate	222-979-5	3687-31-8
62	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9
63	N,N-dimethylacetamide (DMAC)	204-826-4	127-19-5
64	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8

No.	Name of substance	EC No.	Example of CAS No.
65	Bis (2-methoxyethyl) ether	203-924-4	111-96-6
66	1,2-dichloroethane	203-458-1	107-06-2
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	202-918-9	101-14-4
68	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0
69	Phenolphthalein	201-004-7	77-09-8
70	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight		
71	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight		
72	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	423-400-0	59653-74-6
73	Lead (II) bis(methanesulfonate) (II)	401-750-5	17570-76-2
74	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with □0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	229-851-8	6786-83-0
75	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with □0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	219-943-6	2580-56-5
76	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9
77	Diboron trioxide	215-125-8	1303-86-2
78	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with □0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	209-218-2	561-41-1
79	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) [with □0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	208-953-6	548-62-9
80	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2
81	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4
82	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1
83	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8
84	Formamide	200-842-0	75-12-7
85	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5
86	N-methylacetamide	201-182-6	79-16-3
87	o-Toluidine	202-429-0	95-53-4

No.	Name of substance	EC No.	Example of CAS No.
88	o-aminoazotoluene	202-591-2	97-56-3
89	Biphenyl-4-ylamine	202-177-1	92-67-1
90	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8
91	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7
92	4-Aminoazobenzene	200-453-6	60-09-3
93	4,4'-oxydianiline and its salts	202-977-0	101-80-4
94	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0
95	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7
96	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2
97	Dimethyl sulphate	201-058-1	77-78-1
98	Diethyl sulphate	200-589-6	64-67-5
99	Methyloxirane (Propylene oxide)	200-879-2	75-56-9
100	Furan	203-727-3	110-00-9
101	Trilead dioxide phosphonate (Pb ₃ O ₂ (HPO ₃))	235-252-2	12141-20-7
102	Tetralead trioxide sulphate (Pb ₄ O ₃ (SO ₄))	235-380-9	12202-17-4
103	Tetraethyllead	201-075-4	78-00-2
104	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7
105	Silicic acid, lead salt	234-363-3	11120-22-2
106	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	272-271-5	68784-75-8
107	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8
108	Pentalead tetraoxide sulphate	235-067-7	12065-90-6
109	Lead titanium zirconium oxide	235-727-4	12626-81-2
110	Lead titanium trioxide	235-038-9	12060-00-3
111	Orange lead (lead tetroxide)	215-235-6	1314-41-6
112	Lead monoxide (lead oxide) (II)	215-267-0	1317-36-8
113	Lead dinitrate (II)	233-245-9	10099-74-8
114	Lead cyanamidate (II)	244-073-9	20837-86-9
115	Lead bis(tetrafluoroborate) (II)	237-486-0	13814-96-5
116	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8
117	Dioxobis (stearato) trilead	235-702-8	12578-12-0
118	[Phthalato (2-)] dioxotrilead	273-688-5	69011-06-9
119	Lead oxide sulfate (Pb ₂ O(SO ₄))	234-853-7	12036-76-9
120	Trilead bis (carbonate) dihydroxide (II)	215-290-6	1319-46-6
121	Acetic acid, lead salt, basic	257-175-3	51404-69-4
122	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1

No.	Name of substance	EC No.	Example of CAS No.
123	N,N-dimethylformamide	200-679-5	68-12-2
124	1,2-Diethoxyethane	211-076-1	629-14-1
125	N-pentyl-isopentylphthalate		
126	Diisopentylphthalate	210-088-4	605-50-5
127	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0
128	Methoxyacetic acid	210-894-6	625-45-6
129	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9
130	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3
131	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3
132	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]		
133	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]		
134	Heptacosaflluorotetradecanoic acid	206-803-4	376-06-7
135	Henicosaflluoroundecanoic acid	218-165-4	2058-94-8
136	Tricosaflluorododecanoic acid	206-203-2	307-55-1
137	Pentacosaflluorotridecanoic acid	276-745-2	72629-94-8
138	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5
139	Cadmium	231-152-8	7440-43-9
140	Cadmium oxide	215-146-2	1306-19-0
141	Dipentyl phthalate (DPP)	205-017-9	131-18-0
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]		
143	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1
144	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1
145	Trixylyl phosphate	246-677-8	25155-23-1
146	Disodium=4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	1937-37-7
147	Cadmium sulphide	215-147-8	1306-23-6
148	Disodium=3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0

No.	Name of substance	EC No.	Example of CAS No.
149	Lead di (acetate)	206-104-4	301-04-2
150	Imidazolidine-2-thione; 2-imidazoline-2-thiol	202-506-9	96-45-7
151	Dihexyl phthalate	201-559-5	84-75-3
152	Sodium peroxometaborate	231-556-4	7632-04-4
153	Sodium perborate; perboric acid, sodium salt	239-172-9; 234-290-0	
154	Cadmium chloride	233-296-7	10108-64-2
155	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4
156	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4- [[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)		
157	Cadmium sulphate	233-331-6	10124-36-4; 31119-53-6
158	Cadmium fluoride	232-222-0	7790-79-6
159	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1
160	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7
161	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1
162	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]		
163	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	271-094-0 272-013-1	68515-51-5 68648-93-1
164	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorononanoic acid) and its sodium and ammonium salts Heptafluorononanoic acid (C ₈ F ₁₇ COOH), Heptafluorononanoic acid sodium, Heptafluorononanoic acid sodium ammonium	206-801-3	375-95-1 21049-39-8 4149-60-4
165	1,3-propanesultone	214-317-9	1120-71-4
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) 2-(2H-1,2,3-benzotriazol-2-yl)-6-sec-butyl-4-tert-butylphenol	253-037-1	36437-37-3
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 2,4-di-tert-butyl-6-(5-chloro-2H-1,2,3-benzotriazol-2-yl)phenol	223-383-8	3864-99-1
168	Nitrobenzene	202-716-0	98-95-3
169	Benzo[def]chrysene Benzo[a]pyrene	200-028-5	50-32-8
170	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]		
171	p-(1,1-dimethylpropyl)phenol 4-tert-pentylphenol	201-280-9	80-46-6
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3 - 221-470-5	335-76-2 3830-45-3 3108-42-7

No.	Name of substance	EC No.	Example of CAS No.
173	4,4'-isopropylidenediphenol (bisphenol A; BPA) 4,4'-propan-2, 2-diylidiphenol (bisphenol A; BPA)	201-245-8	80-05-7
174	Perfluorohexane-1-sulphonic acid and its salts	206-587-1	355-46-4
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear]		
176	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]		
177	Chrysene	205-923-4	218-01-9
178	Cadmium nitrate Cadmium nitrate (II)	233-710-6	10325-94-7
179	Cadmium hydroxide	244-168-5	21041-95-2
180	Cadmium carbonate Cadmium carbonate (II)	208-168-9	513-78-0
181	Benz[a]anthracene	200-280-6	56-55-3
182	Dicyclohexyl phthalate (DCHP) Dicyclohexan-1-yl=phthalate	201-545-9	84-61-7
183	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) 1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxylic acid	209-008-0	552-30-7
184	Terphenyl hydrogenated Hydrogenated terphenyl	262-967-7	61788-32-7
185	Octamethylcyclotetrasiloxane (D4) 2,2,4,4,6,6,8,8- octamethylcyclotetrasiloxane	209-136-7	556-67-2
186	Lead	231-100-4	7439-92-1
187	Ethylenediamine	203-468-6	107-15-3
188	Dodecamethylcyclohexasiloxane (D6) 2,2,4,4,6,6,8,8,10,10,12,12- dodecamethylcyclohexasiloxane	208-762-8	540-97-6
189	Sodium octaborate Sodium octaborate	234-541-0	12008-41-2
190	Decamethylcyclopentasiloxane (D5) 2,2,4,4,6,6,8,8,10,10- decamethylcyclopentasiloxane	208-764-9	541-02-6
191	Benzo[ghi]perylene	205-883-8	191-24-2
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8
193	Pyrene	204-927-3	129-00-0
194	Phenanthrene	201-581-5	85-01-8
195	Fluoranthene	205-912-4	206-44-0
196	Benzo[k]fluoranthene	205-916-6	207-08-9
197	2,2-bis(4'-hydroxyphenyl)-4-methylpentane 4,4'-(4-methylpentane-2,2-diyl)diphenol	401-720-1	6807-17-6
198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)		
198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)		
199	2-methoxyethyl acetate	203-772-9	110-49-6
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)		
201	4-tert-butylphenol	202-679-0	98-54-4
202	Perfluorobutane sulfonic acid (PFBS) and its salts		
203	Diisohexyl phthalate	276-090-2	71850-09-4
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1

No.	Name of substance	EC No.	Example of CAS No.
206	Butyl 4-hydroxybenzoate (Butylparaben)	202-318-7	94-26-8
207	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4
208	2-methylimidazole	211-765-7	693-98-1
209	1-vinylimidazole	214-012-0	1072-63-5
210	bis(2-(2-methoxyethoxy)ethyl) ether	205-594-7	143-24-8
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety		
212	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers		
213	Orthoboric acid, sodium salt		13840-56-7
214	2,2-bis(bromomethyl)propane-1,3-diol (BMP)		3296-90-0
	2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	203-856-5	36483-57-5
	2,3-dibromo-1-propanol (2,3-DBPA)		96-13-9
	Glutaral		111-30-8
215	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]		
216	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)		
217	1,4-dioxane	204-661-8	123-91-1
218	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	201-025-1	77-40-7
219	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	204-327-1	119-47-1
220	tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4
221	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)		
222	S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	255881-94-8
223	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5
224	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1
225	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7
226	4,4'-sulphonyldiphenol	201-250-5	80-09-1
227	Barium diboron tetraoxide	237-222-4	13701-59-2
228	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof		
229	Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3
230	Melamine	203-615-4	108-78-1
231	Perfluoroheptanoic acid and its salts		
232	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	

* The CAS No. in the above list are examples. Note that a substance with a different CAS No. may fall under the listed substances.

[Examples of Controlled Substances - Standard B-2-2]

This list shows examples of substances falling under standard for Controlled Substances B-2 in Appendix 1.

No.	Name of substance	Example of CAS No.
1	decabromodiphenyl ether (decaBDE)	1163-19-5
2	phenol, isopropylated phosphate (3:1) (PIP (3:1))	68937-41-7
3	2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)	732-26-3
4	hexachlorobutadiene (HCBD)	87-68-3
5	pentachlorothiophenol (PCTP)	133-49-3

* The CAS No. in the above list are examples. Note that a substance with a different CAS No. may fall under the listed substances.

[Examples of Controlled Substances - Standard B-2-3]

This list shows examples of substances falling under standard for Controlled Substances B-2 in Appendix 1.

No.	Name of substance	Example of CAS No.
1	Acetaldehyde	75-07-0
2	Acetamide, N-methyl-	79-16-3
3	Acetonitrile	75-05-8
4	Acrylamide	79-06-1
5	Acrylonitrile	107-13-1
6	Alkyl (C7-C9), 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates, mixture of branched and linear	127519-17-9
7	Alkyl Phenol derivatives, selected	
8	Amines, coco alkyl	61788-46-3
9	Amines, which can form carcinogenic Nitrosamines, selected	
10	4-Aminobiphenyl and its salts, all members	
11	Ammonium Nitrate (AN)	6484-52-2
12	Ammonium perchlorate	7790-98-9
13	Aniline and its salts, all members	
14	9,10-Anthracenedione, 1-[(5,7-dichloro-1,9-dihydro-2-methyl-9-oxopyrazolo[5,1-b]quinazolin-3-yl)azo]- (Pigment Red 251)	74336-60-0
15	Antimonytrioxide (Diantimonytrioxide)	1309-64-4
16	Aromatic amines, selected	
17	Arsenic and its compounds, all members	
18	Asbestos fibers, all members	
19	Asbestos minerals, all members	
20	Azodyes that can form carcinogenic amines, selected	
21	Barium compounds (organic or water soluble), selected	
22	Benzene	
23	Benzene, 1-(1,1-dimethylethyl)-3,5-dimethyl-2,4,6-trinitro- (Musk xylene)	81-15-2
24	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride	552-30-7
25	1,4-Benzenediamine, N,N' -mixed phenyl and tolyl derivs	68953-84-4
26	1,4-Benzenediamine, N,N'-mixed Ph and tolyl and xylyl derivs.	68953-83-3
27	1,4-Benzenediamine, N,N'-mixed tolyl and xylyl derivs.	68478-45-5
28	1,4 Benzenediol (Hydroquinone)	123-31-9
29	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
30	Benzenepropanoic acid, 3-(1,1-dimethylethyl)-4-hydroxy-5-methyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester	36443-68-2
31	Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5
32	Benzenesulfonic acid, C10-16-alkyl derivs, compds. with 2-propanamine	68584-24-7
33	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3

No.	Name of substance	Example of CAS No.
34	Benzenesulfonic acid,dodecyl(sulfophenoxy)-, sodium salt (1:2)	28519-02-0
35	Benzenesulfonic acid, oxybis[dodecyl-, disodium salt	25167-32-2
36	Benzenesulfonic acid, [[4-[[4-(phenylamino)phenyl][4-(phenylimino)-2,5-cyclohexadien-1-ylidene]methyl]phenyl]amino]- (Pigment Blue 61)	1324-76-1
37	Benzidine and its salts, all members	
38	Benzododecinium chloride;	139-07-1
39	Benzoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,4-bis(1,1-dimethylethyl)phenyl ester	4221-80-1
40	Benzophenone	119-61-9
41	Benzothiazole-2-thiol; 2-Mercaptobenzothiazole;	149-30-4
42	2-Benzothiazolesulphenamide, N, N-dicyclohexyl-	4979-32-2
43	2(3H)-Benzothiazolethione,sodium salt (1:1)	2492-26-4
44	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
45	2-(2H-benzotriazol-2-yl)-p-cresol (UV-P)	2440-22-4
46	2-Benzyl-2-dimethylamino-4-morpholinobutyrophenone	119313-12-1
47	Beryllium and its compounds, all members	
48	Biocidal coatings / biocidal additives, selected	
49	Bis(2-ethylhexyl) tetrabromophthalate; Tetrabromophthalic acid bis(2-ethylhexyl)ester (BEH-TEBP)	26040-51-7
50	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8
51	Bis(chloromethyl) ether (BCME)	542-88-1
52	Boric acid/Orthoboric acid	10043-35-3
53	Boric acid/Orthoboric acid	11113-50-1
54	Butadiene, 1,3 -	106-99-0
55	Cadmium and its compounds, all members	
56	Chlorinated hydrocarbons, selected	
57	Chlorinated or brominated Dibenzo-p-dioxins or Dibenzofurans, all members	
58	Chlorinated paraffins, short & medium chain length (SCCP, MCCP), all members: Note that the use of specific CAS numbers for these substances differs throughout the world. Example CAS numbers are provided below; however, other CAS numbers may be used that are not specific to chain length. Therefore, please consult your MSDS and supplier to determine product-specific chain length.	
59	5-Chlorobenzotriazole, 2-(2-Hydroxy-3-tert-butyl-5-methylphenyl)-(UV-326)	3896-11-5
60	Chromium(VI)-salts, all members	
61	C.I. Disperse Yellow 3	2832-40-8
62	Cobalt and its compounds, all members	
63	Colophony (Rosin), selected	
64	Copper (metallic)	7440-50-8

No.	Name of substance	Example of CAS No.
65	Critical Raw Materials	<u>See list of substances reported in IMDS:</u> https://public.mdsystem.com/web/imds-public-pages/gadsl-crm
66	Cumene	98-82-8
67	Cyclododecane, hexabromo- (HBCD)	
68	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7
69	D&C Orange No. 17	3468-63-1
70	Decamethylcyclopentasiloxane	541-02-6
71	Diamino-diphenylmethane (4,4'-Diaminodiphenylmethane)	101-77-9
72	Diazene-1,2-dicarboxamide, Azodicarbonamide (ADCA)	123-77-3
73	2,3-Dibromo-1-propanol (2,3-DBPA)	96-13-9
74	1,3-diethyl-2-thiourea	105-55-5
75	1,3-dihydro-4(or 5)-methyl-2H-benzimidazole-2-thione	53988-10-6
76	1,3-dihydro-4(or 5)-methyl-2H-benzimidazole-2-thione, zinc salt	61617-00-3
77	2,4-Dihydroxybenzophenone	131-56-6
78	Diisodecyl azelate	28472-97-1
79	Dimethylformamide (N,N-Dimethylformamide)	68-12-2
80	N,N-Dimethylacetamide	127-19-5
81	2,4 Dinitrotoluene	121-14-2
82	Diorganotin compounds	
83	1,4-Dioxane	123-91-1
84	Disodium octaborate, anhydrous	12008-41-2
85	Disodium octaborate tetrahydrate; Boron sodium oxide (B8Na2O13), tetrahydrate	12280-03-4
86	Disodiumtetraborates, selected	
87	2,6-di-tert-butyl-p-cresol	128-37-0
88	6,6'-di-tert-butyl-4,4'-thiodi-m-cresol	96-69-5
89	2,5-di-tert-pentylhydroquinone	79-74-3
90	2,2'-Dithiobis(benzothiazole)	120-78-5
91	Diundecyl phthalate, branched and linear	85507-79-5
92	Dodecachloropentacyclo 1, 3, 4-Metheno-1H-cyclobuta(cd)pentalene, Mirex	2385-85-5
93	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1*6,9*.0*2,13*.0*5,10*]octadeca-7,15-diene, all members	

No.	Name of substance	Example of CAS No.
94	Dodecamethylcyclohexasiloxane (D6)	540-97-6
95	Epichlorohydrin (1-chloro-2,3-epoxypropane)	106-89-8
96	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene]	84852-53-9
97	Ethane-1,2-diol	107-21-1
98	Ethanol, 2-(2-methoxyethoxy)-	111-77-3
99	Ethyl-/ Methyl-glycols and their acetates	
100	Ethylbenzene	100-41-4
101	N,N'-ethylenebis(3,4,5,6-tetrabromophthalimide)	32588-76-4
102	Ethylenediamine	107-15-3
103	Ethylene Glycol Monoethyl Ether Acetate	111-15-9
104	Ethylenethiourea/Imidazolidine-2-thione	96-45-7
105	Formaldehyde	50-00-0
106	Glutaral; Glutaraldehyde; Pentane-1,5-dial; Pentanedial	111-30-8
107	Hexachlorobenzene	118-74-1
108	Hexachloro-1,3-butadiene (HCBd)	87-68-3
109	Hexachlorocyclohexane, gamma isomer, Lindane	58-89-9
110	Hexahydromethylphthalic-anhydride	25550-51-0
111	Hexamethyldisiloxane	107-46-0
112	2-Hexyldecan-1-ol	2425-77-6
113	Hydrazine	302-01-2
114	Hydrobromofluorocarbons (HBFC's), all members	
115	Hydrochlorofluorocarbons (HCFC's), all members	
116	Hydrofluorocarbons (HFC's), saturated, all members	
117	Indium tin oxide (ITO)	50926-11-9
118	1,1'-(isopropylidene)bis[3,5-dibromo-4-(2,3-dibromopropoxy)benzene]	21850-44-2
119	1,1'-(isopropylidene)bis[3,5-dibromo-4-(2,3-dibromo-2-methylpropoxy)benzene]	97416-84-7
120	Isodecyl diphenyl phosphate	29761-21-5
121	4,4'-isopropylidenediphenol	80-05-7
122	Isopropylphenyl phosphate	68937-41-7
123	Lead and its compounds, all members	
124	Mercury and its compounds, all members	
125	Methanol	67-56-1
126	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
127	4-Methylcyclohexyl-1,6-dicarboxylic acid anhydride	19438-60-9
128	4,4'-methylenediphenol	620-92-8
129	Methyloxirane	75-56-9
130	4,4'-(1-Methylpropylidene)bisphenol	77-40-7

No.	Name of substance	Example of CAS No.
131	alpha-Methylstyrene	98-83-9
132	Mineral fibers (Natural or Synthetic), all members except: - Non-respirable fibers - Fibers with low biopersistence	
133	Miristalkonium chloride;	139-08-2
134	Molybdenum trioxide	1313-27-5
135	Monomethyldibromodiphenylmethane	99688-47-8
136	Monomethyldichlorodiphenylmethane	81161-70-8
137	Monomethyltetrachlorodiphenylmethane	76253-60-6
138	Naphthalenedisulfonic acid, dinonyl-	60223-95-2
139	Naphthalenesulfonicacid, dinonyl-, calcium salt (2:1)	57855-77-3
140	Naphthalenesulfonicacid, dinonyl-	25322-17-2
141	2-Naphthylamine and its salts, all members	
142	N-1-naphthylaniline	90-30-2
143	Nickel and its compounds, all members	
144	Nitrites, all members	
145	4-Nitrobiphenyl and its salts, all members	
146	Nitrocellulose	9004-70-0
147	N-Nitrosamines, selected	
148	4-Nonylphenol, branched and linear, all members	
149	Nonylphenol	25154-52-3
150	4-Nonylphenol, branched and linear, ethoxylated, all members	
151	O,O,O-triphenyl phosphorothioate	597-82-0
152	Octadecanamine	124-30-1
153	Octamethylcyclotetrasiloxane	556-67-2
154	Octamethyltrisiloxane	107-51-7
155	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	
156	Ozone depleting halogenated Hydrocarbons and Carbons, all members	
157	Pentachlorobenzene	608-93-5
158	Pentachlorophenol (PCP) and its salts and esters, all members	
159	Perchlorates, all members	
160	Per and Poly- fluoroalkyl substances (PFAS), as identified in rows 159 to 176.	
161	Perfluorobutane sulfonic acid (PFBS) and its salts, all members	
162	PFHxA, Undecafluorohexanoic acid, its salts and PFHxA related substances, all members, identified in rows 163 to 164.	
163	PFHxA and its salts	
164	PFHxA related substances	

No.	Name of substance	Example of CAS No.
165	PFOA, perfluorooctanoic acid, its salts and PFOA related compounds, identified in rows 166 to 168.	
166	PFOA and its salts	
167	PFOA Related Compounds	
168	Other PFOA Related Compounds	
169	PFCAs (C9-C14), Linear and branched perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain, their salts and related substances, identified in rows 168 to 169.	
170	PFCAs (C9-C14) and their salts	
171	PFCAs (C9-C14) related substances	
172	PFOS, Perfluorooctane sulfonates C ₈ F ₁₇ SO ₂ X (X = OH, Metal salt, halide, amide, and other derivatives including polymers), all members	
173	PFHxS, Perfluorohexane-1-sulphonic acid and its salts and PFHxS Related Substances, identified in rows 172 to 173.	
174	PFHxS and its salts	
175	PFHxS related substances	
176	Other PFAS Substances, all members (Includes substances taken from a series of government regulatory lists and compared to (major market) country inventories to obtain a list of commercially available PFAS substances not listed in other PFAS substance groups)	(Note: Some substances do not have CAS RNs. The US EPA/TSCA Accession Number will be shown as the identifier where available.)
177	Phenol	108-95-2
178	Phenol, 2,4-bis(1,1-dimethylethyl)-	96-76-4
179	Phenol, 2,6-bis(1,1-dimethylethyl)-	128-39-2
180	Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)- (UV 320)	3846-71-7
181	Phenol, 2-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)- (UV-234)	70321-86-7
182	Phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)- (UV 329)	3147-75-9
183	Phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1-dimethylethyl)-6-(1-methylpropyl)- (UV 350)	36437-37-3
184	Phenol, 2-(5-chloro-2H-benzotriazol-2-yl)-4,6-bis(1,1'-dimethylethyl)- (UV 327)	3864-99-1
185	Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene	68610-51-5
186	Phenol, 4,4',4''-(1-methyl-1-propanyl-3-ylidene)tris[2-(1,1-dimethylethyl)-5-methyl]-	1843-03-4
187	Phenol, 4,4'-methylenebis[2,6-bis(1,1-dimethylethyl)-	118-82-1
188	Phenol, styrenated	61788-44-1
189	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	140-66-9
190	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated, selected	

No.	Name of substance	Example of CAS No.
191	Phenol, 2-(1-methylpropyl)-4,6-dinitro-	88-85-7
192	Phenol, 2,4,6-tris(1,1-dimethylethyl)-	732-26-3
193	Phenylendiamines and its salts, selected	
195	Phosphoric acid, bis[(1,1-dimethylethyl)phenyl] phenyl ester	65652-41-7
196	Phosphoric acid,(1,1-dimethylethyl)phenyl diphenyl ester	56803-37-3
197	Phosphoric acid, tris(2-methylphenyl) ester	78-30-8
198	Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-propyl) esters, zinc salts	84605-29-8
199	Phosphorodithioic acid,mixed O,O-bis(2-ethylhexyl and iso-butyl and iso-propyl) esters, zinc salts	85940-28-9
200	Phosphorodithioic acid,mixed O,O-bis(iso-butyl and pentyl) esters, zinc salts	68457-79-4
201	Phosphorodithioic acid, mixed O,O-bis(sec-butyl and isoocetyl) esters, zinc salts	113706-15-3
202	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3
203	Phthalates, selected	
204	Pitch, coal tar, high temp.	65996-93-2
205	Polyamine Curing Agents, selected	
206	Polybrominated biphenyls (PBB), all members	
207	Polybrominated diphenyl ethers (PBDE),all members	
208	Polybrominated terphenyls (PBT), all members	
209	Polychlorinated biphenyls (PCB), all members	
210	Polychlorinated naphthalenes, all members	
211	Polychlorinated terphenyls (PCT), all members	
212	Polycyclic aromatic hydrocarbons (PAH; PCAH), selected	
213	1,3-Propanesultone	1120-71-4
214	2-Propanone, reaction products with diphenylamine (PREPOD)	68412-48-6
215	Pyrrolidones, selected	
216	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides; Alkyl (C12-16) dimethylbenzyl ammonium chloride; C12-16-ADBAC;	68424-85-1
217	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compds. with bentonite	71011-24-0
218	Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compds. with hectorite	71011-26-2
219	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chlorides;	61789-80-8
220	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite	68953-58-2
221	Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	61789-77-3
222	Resin acids and Rosin acids, calcium salts	9007-13-0

No.	Name of substance	Example of CAS No.
223	Resin acids and Rosin acids, sodium salts	61790-51-0
224	Resin acids and Rosin acids, hydrogenated, esters with pentaerythritol	64365-17-9
225	Resin acids and Rosin acids, hydrogenated, esters with glycerol	65997-13-9
226	Resin acids and Rosin acids, hydrogenated, methyl esters	8050-15-5
227	Radioactive substances (including scrap metal contaminants), all members	
228	Selenium and its compounds, all members	
229	Silica, crystalline	14808-60-7
230	Sodium azide	26628-22-8
231	Styrene (Vinyl benzene)	100-42-5
232	Styrene oxide (Epoxy styrene)	96-09-3
233	Sulfonic acids, C10-18-alkane, phenyl esters	70775-94-9
234	Sulfonic acids, petroleum, calcium salts, overbased	68783-96-0
235	Sulfonic acids, petroleum, barium salts	61790-48-5
236	Sulfonic acids, petroleum, calcium salts	61789-86-4
237	Sulfonic acids, petroleum, magnesium salts	61789-87-5
238	Sulfonic acids, petroleum, sodium salts	68608-26-4
239	4,4'-sulphonylbis[2,6-dibromophenol],Tetrabromobisphenol S, (TBBPS)	39635-79-5
240	4,4'-sulphonyldiphenol	80-09-1
241	Sulfur hexafluoride	2551-62-4
242	Tall Oil	8002-26-4
243	Tall oil pitch	8016-81-7
244	Terphenyl, hydrogenated	61788-32-7
245	4-tert-Butylphenol	98-54-4
246	1,4,5,8-tetraaminoanthraquinone; C.I. Disperse Blue 1	2475-45-8
247	Tetrabromobisphenol A (TBBPA)	79-94-7
248	Tetrachlorobenzene, all members	
249	Tetrafluoro-methane	75-73-0
250	N,N,N',N'-Tetramethyl-4,4'-methylenedianiline	101-61-1
251	Tetraphenyl m-phenylene bis(phosphate)	57583-54-7
252	Thallium	7440-28-0
253	Thioperoxydicarbonic diamide ([(H2N)C(S)]2S2), tetramethyl-; Thiram; Tetramethylthiuram disulphide;	137-26-8
254	Toluene	108-88-3
255	o-Toluidine generating substances, selected	
256	2,4,6-Triallyloxy-1,3,5-triazine	101-37-1
257	Trichlorophenol and its salts, all members	
258	Trichloropropane (1,2,3 - Trichloropropane)	96-18-4

No.	Name of substance	Example of CAS No.
259	Trimethylphosphate	512-56-1
260	Triorganotin compounds, all members	
261	Triphenylphosphate	115-86-6
262	Triorganotin compounds, all members	
263	Triphenylphosphate	115-86-6
264	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	2451-62-9
265	Tris(1,3-dichloro-2-propyl)phosphate	13674-87-8
266	Tris-(1-aziridiny) phosphine oxide	545-55-1
267	Tris(2-chloro-1-methylethyl) phosphate	13674-84-5
268	Tris(2,3-dibromopropyl)phosphate (TRIS)	126-72-7
269	Tris(2-chloroethyl)phosphate	115-96-8
270	Tris(2-ethylhexyl)-benzene-1,2,4-tricarboxylate	3319-31-1
271	Tris(methylphenyl) phosphate	1330-78-5
272	Tris(nonylphenyl) phosphite (TNPP)	26523-78-4
273	Trixylyl phosphate	25155-23-1
274	UVCB-Diamines, all members	
275	Vanadium pentoxide (orthorhombic crystalline form)	1314-62-1
276	Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	4259-15-8

* The CAS No.s in the above list are examples. Note that a substance with a different CAS No. may fall under the listed substances.

< Revision History >

- July, 2015

The substances were added to the list of Appendix A, Appendix B-1 and Appendix B-2 in accordance with a revision to the law.

- October, 2019

The substances were added to the list of Appendix A and Appendix B-2 in accordance with a revision to the law.

- April, 2023

The substances were added to the list of Appendix A and Appendix B-2-1 in accordance with a revision to the law.

The substances were added to the list of Appendix B-2-2 in accordance with the TASCA and Appendix B-2-3 in accordance with the GADSL.