

## Attachment ; Detail list of chemical substances (The 8 edition)

'Specific Chemical Substance' in the following list places the details of the chemical substance group which Toyo Kohan regulates, but it does not cover all the chemical substance.

No.	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
3	Asbestos	Asbestos	1332-21-4	
		Actinolite	77536-66-4	
		Amosite (Grunerite)	12172-73-5	
		Anthophyllite	77536-67-5	
		Chrysotile	12001-29-5	
		Crocidolite	12001-28-4	
		Tremolite	77536-68-6	
4	Azocolourants and Azodyes which form certain aromatic amines	Biphenyl-4-ylamine	92-67-1	
		Benzidine	92-87-5	
		4-chloro-o-toluidine	95-69-2	
		2-naphthylamine	91-59-8	
		o-aminoazotoluene	97-56-3	
		5-nitro-o-toluidine	99-55-8	
		4-chloroaniline	106-47-8	
		4-methoxy-m-phenylenediamine	615-05-4	
		4,4'-methylenedianiline	101-77-9	
		3,3'-dichlorobenzidine	91-94-1	
		3,3'-dimethoxybenzidine	119-90-4	
		3,3'-dimethylbenzidine	119-93-7	
		4,4'-methylenedi-o-toluidine	838-88-0	
		6-methoxy-m-toluidine	120-71-8	
		4,4'-methylene-bis(2-chloroaniline)	101-14-4	
		4,4'-oxydianiline	101-80-4	
		4,4'-thiodianiline	139-65-1	
		o-toluidine	95-53-4	
		4-methyl-m-phenylenediamine	95-80-7	
		2,4,5-trimethylaniline	137-17-7	
o-anisidine	90-04-0			
4-amino azobenzene	60-09-3			
8 9	Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)	Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(14) [Aliphatic/alicyclic brominated compounds]	-	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(15) [Aliphatic/alicyclic brominated compounds in combination with antimony compounds]	-	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(16) [Aromatic brominated compounds excluding brominated diphenyl ether and biphenyls]	-	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(17) [Aromatic brominated compounds excluding brominated diphenyl ether and biphenyls) in combination with antimony compounds]	-	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(22) [Aliphatic/alicyclic chlorinated and brominated compounds]	-	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(42) [Brominated organic phosphorus compounds]	-	
		Poly(2,6-dibromo-phenylene oxide)	69882-11-7	
		Tetra-decabromo-diphenoxy-benzene	58965-66-5	
		1,2-Bis(2,4,6-tribromo-phenoxy) ethane	37853-59-1	
		3,3',5'-Tetrabromo-bisphenol A (TBBPA)	79-94-7	
		TBBA, unspecified	30496-13-0	
		TBBA-epichlorhydrin oligomer	40039-93-8	
		TBBA-TBBA-diglycidyl-ether oligomer	70682-74-5	
		TBBA carbonate oligomer	28906-13-0	
		TBBA carbonate oligomer, phenoxy end capped	94334-64-2	
		TBBA carbonate oligomer, 2,4,6-tribromo-phenol terminated	71342-77-3	
		TBBA-bisphenol A-phosgene polymer	32844-27-2	
		Brominated epoxy resin end-capped with tribromophenol	139638-58-7	

No.	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
8 9	Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)	Brominated epoxy resin end-capped with tribromophenol	135229-48-0	
		TBBA-(2,3-dibromo-propyl-ether)	21850-44-2	
		TBBA bis-(2-hydroxy-ethyl-ether)	4162-45-2	
		TBBA-bis-(allyl-ether)	25327-89-3	
		TBBA-dimethyl-ether	37853-61-5	
		Tetrabromo-bisphenol S	39635-79-5	
		TBBS-bis-(2,3-dibromo-propyl-ether)	42757-55-1	
		2,4-Dibromo-phenol	615-58-7	
		2,4,6-tribromo-phenol	118-79-6	
		Pentabromo-phenol	608-71-9	
		2,4,6-Tribromo-phenyl-allyl-ether	3278-89-5	
		Tribromo-phenyl-allyl-ether, unspecified	26762-91-4	
		Bis(methyl)tetrabromo-phthalate	55481-60-2	
		Bis(2-ethylhexyl)tetrabromo-phthalate	26040-51-7	
		2-Hydroxy-propyl-2-(2-hydroxy-ethoxy)-ethyl-TBP	20566-35-2	
		TBPA, glycol-and propylene-oxide esters	75790-69-1	
		N,N'-Ethylene -bis-(tetrabromo-phthalimide)	32588-76-4	
		Ethylene-bis(5,6-dibromo-norbornane-2,3-dicarboximide)	52907-07-0	
		2,3-Dibromo-2-butene-1,4-diol	3234-02-4	
		Dibromo-neopentyl-glycol	3296-90-0	
		Dibromo-propanol	96-13-9	
		Tribromo-neopentyl-alcohol	36483-57-5	
		Poly tribromo-styrene	57137-10-7	
		Tribromo-styrene	61368-34-1	
		Dibromo-styrene grafted PP	171091-06-8	
		Poly-dibromo-styrene	31780-26-4	
		Bromo-/Chloro-paraffins	68955-41-9	
		Bromo-/Chloro-alpha-olefin	82600-56-4	
		Vinylbromide	593-60-2	
		Tris-(2,3-dibromo-propyl)-isocyanurate	52434-90-9	
		Tris(2,4-Dibromo-phenyl) phosphate	49690-63-3	
		Tris(tribromo-neopentyl) phosphate	19186-97-1	
		Chlorinated and brominated phosphate ester	125997-20-8	
		Pentabromo-toluene	87-83-2	
		Pentabromo-benzyl bromide	38521-51-6	
		1,3-Butadiene homopolymer, brominated	68441-46-3	
		Pentabromo-benzyl-acrylate, monomer	59447-55-1	
		Pentabromo-benzyl-acrylate, polymer	59447-57-3	
		Decabromo-diphenyl-ethane	84852-53-9	
		Tribromo-bisphenyl-maleinimide	59789-51-4	
		Octabromo-1,1,3-trimethyl-1-phenylindane (FR-1808)	155613-93-7	
		Tetrabromo-cyclo-octane	31454-48-5	
		1,2-Dibromo-4-(1,2 dibromo-ethyl)-cyclo-hexane	3322-93-8	
Tetrabromophthalic acid Na salt	25357-79-3			
Tetrabromo phthalic anhydride	632-79-1			
Other Brominated Flame Retardants	-			
10 11 93 166	Cadmium/Cadmium compounds	Cadmium	7440-43-9	
		Cadmium oxide	1306-19-0	
		Cadmium sulfide	1306-23-6	
12 167	Chromium (VI) Compounds	Barium chromate	10294-40-3	
		Calcium chromate	13765-19-0	
		Strontium chromate	7789-06-2	
		Zinc chromate	13530-65-9	
14	Dibutyltin (DBT) compounds	Dibutyltin oxide	818-08-6	
		Dibutyltin diacetate	1067-33-0	
		Dibutyltin dilaurate	77-58-7	
		Dibutyltin maleate	78-04-6	
		Other dibutyltin compounds	-	
15	Dioctyltin (DOT) compounds	Dioctyl Tin Oxide	870-08-6	
		Dioctyltin dilaurate	3648-18-8	
		Other Dioctyltin compounds	-	
17	Disodium tetraborate, anhydrous	Disodium tetraborate, anhydrous	1330-43-4	
		Disodium tetraborate, pentahydrate	12179-04-3	
		Disodium tetraborate, decahydrate	1303-96-4	

No.	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
18	Fluorinated Greenhouse Gases (PFC, SF6, HFC)	Tetrafluoromethane(Carbon tetrafluoride, PFC-14)	75-73-0	
		Hexafluoroethane(PFC-116)	76-16-4	
		Octafluoropropane(PFC-218)	76-19-7	
		Decafluorobutane(PFC-31-10)	355-25-9	
		Dodecafluoropentane(PFC-41-12)	678-26-2	
		Tetradecafluorohexane(PFC-51-14)	355-42-0	
		Octafluorocyclobutane(PFC-c318)	115-25-3	
		Sulfur Hexafluoride(SF6)	2551-62-4	
		Trifluoromethane(HFC-23)	75-46-7	
		Difluoromethane(HFC-32)	75-10-5	
		Methyl fluoride(HFC-41)	593-53-3	
		2H,3H-Decafluoropentane(HFC-43-10mee)	138495-42-8	
		Pentafluoroethane(HFC-125)	354-33-6	
		1,1,2,2-Tetrafluoroethane(HFC-134)	359-35-3	
		1,1,1,2-Tetrafluoroethane(HFC-134a)	811-97-2	
		1,1-Difluoroethane(HFC-152a)	75-37-6	
		1,1,2-Trifluoroethane(HFC-143 )	430-66-0	
		1,1,1-Trifluoroethane(HFC-143a)	420-46-2	
		2H-Heptafluoropropane(HFC-227ea)	431-89-0	
		1,1,1,2,2,3-Hexafluoro-propane(HFC-236cb)	677-56-5	
1,1,1,2,3,3-Hexafluoropropane(HFC-236ea)	431-63-0			
1,1,1,3,3,3-Hexafluoropropane(HFC-236fa)	690-39-1			
1,1,2,2,3-Pentafluoropropane(HFC-245ca)	679-86-7			
1,1,1,3,3-Pentafluoropropane(HFC-245fa)	460-73-1			
1,1,1,3,3-Pentafluorobutane(HFC-365mfc)	406-58-6			
20	Hexabromocyclododecane (HBCDD)	Hexabromocyclododecane (HBCDD)	25637-99-4	
		alpha-hexabromocyclododecane	134237-50-6	
		beta-hexabromocyclododecane	134237-51-7	
		gamma-hexabromocyclododecane	134237-52-8	
		1,2,5,6,9,10-hexabromocyclododecane	3194-55-6	
21 22 23 24 25 154 168	Lead/Lead Compounds	Lead	7439-92-1	
		Lead (II) sulfate	7446-14-2	
		Lead (II) carbonate	598-63-0	
		Trilead bis(carbonate) dihydroxide	1319-46-6	
		Lead (II) acetate, trihydrate	6080-56-4	
		Lead selenide	12069-00-0	
		Lead (IV) oxide	1309-60-0	
		Lead (II,IV) oxide	1314-41-6	
		Lead (II) sulfide	1314-87-0	
		Lead (II) phosphate	7446-27-7	
		Lead (II) titanate	12060-00-3	
		Lead sulfate, sulphuric acid, lead salt	15739-80-7	
		Lead sulphate, tribasic	12202-17-4	
		Lead stearate	1072-35-1	
		Lead (II) chromate	7758-97-6	
Lead chromate molybdate sulphate red	12656-85-8			
Lead sulfochromate yellow	1344-37-2			
29 30 132 169	Mercury/Mercury Compounds	Mercury	7439-97-6	
		Mercury, chloro(cyclohexylmethyl)-	33631-63-9	
		Mercury (II) chloride	7487-94-7	
		Mercuric sulfate	7783-35-9	
		Mercuric nitrate	10045-94-0	
		Mercuric (II) oxide	21908-53-2	
		Mercuric sulfide	1344-48-5	
31	Nickel/Nickel Compounds	Nickel	7440-02-0	
		Nickel (II) oxide	1313-99-1	
		Nickel (II) chloride	7718-54-9	
		Nickel (II) chloride, hexahydrate	7791-20-0	
		Nickel(II) sulfate	7786-81-4	
		Nickel(II) sulfate, hexahydrate	10101-97-0	
		Nickel(II) sulfate, heptahydrate	10101-98-1	
		Antimony nickel titanium oxide yellow	8007-18-9	
		Nickel niobium titanium yellow rutile	68611-43-8	
Cobalt titanate green spinel	68186-85-6			

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
32	Ozone Depleting Substances  (CFC, Halon, HBFC, HCFC & others)	Trichlorofluoromethane(CFC-11)	75-69-4	
		Dichlorodifluoromethane(CFC-12)	75-71-8	
		Chlorotrifluoromethane(CFC-13)	75-72-9	
		Pentachlorofluoroethane(CFC-111)	354-56-3	
		Tetrachlorodifluoroethane(CFC-112)	76-12-0	
		1,1,2,2-Tetrachloro-1,2-difluoroethane(CFC-112)	76-12-0	
		1,1,1,2-Tetrachloro-2,2-difluoroethane(CFC-112a)	76-11-9	
		Trichlorotrifluoroethane (CFC-113)	76-13-1	
		1,1,2-Trichloro-1,2,2 trifluoroethane (CFC-113)	76-13-1	
		1,1,1-Trichloro-2,2,2 trifluoroethane (CFC-113a)	354-58-5	
		Dichlorotetrafluoroethane(CFC-114)	76-14-2	
		Monochloropentafluoroethane(CFC-115)	76-15-3	
		Heptachlorofluoropropane(CFC-211)	422-78-6	
		1,1,1,2,2,3,3-Heptachloro-3-fluoropropane(CFC-211aa)	135401-87-5	
		1,1,1,2,3,3,3-Heptachloro-2-fluoropropane(CFC-211ba)	422-78-6	
			422-81-1	
		Hexachlorodifluoropropane(CFC-212)	3182-26-1	
		Pentachlorotrifluoropropane(CFC-213)	2354-06-5	
			134237-31-3	
		Tetrachlorotetrafluoropropane (CFC-214)	29255-31-0	
		1,2,2,3-Tetrachloro-1,1,3,3-tetrafluoropropane (CFC-214aa)	2268-46-4	
		1,1,1,3-Tetrachloro-2,2,3,3-tetrafluoropropane (CFC-214cb)	-	
		Trichloropentafluoropropane(CFC-215)	1599-41-3	
		1,2,2-Trichloropentafluoropropane(CFC-215aa)	1599-41-3	
		1,2,3-Trichloropentafluoropropane(CFC-215ba)	76-17-5	
		1,1,2-Trichloropentafluoropropane(CFC-215bb)	-	
		1,1,3-Trichloropentafluoropropane(CFC-215cb)	-	
		1,1,1-Trichloropentafluoropropane(CFC-215ca)	4259-43-2	
		Dichlorohexafluoropropane(CFC-216)	661-97-2	
		Chloroheptafluoropropane(CFC-217)	422-86-6	
		Bromochloromethane(Halon-1011)	74-97-5	
		Dibromodifluoromethane(Halon-1202)	75-61-6	
		Bromochlorodifluoromethane(Halon-1211)	353-59-3	
		Bromotrifluoromethane(Halon-1301)	75-63-8	
		Dibromotetrafluoroethane(Halon-2402)	124-73-2	
		Tetrachloromethane(carbon tetrachloride)	56-23-5	
		1,1,1-Trichloroethane(methylchloroform)	71-55-6	
		Bromomethane(methyl bromide)	74-83-9	
		Bromoethane(ethyl bromide)	74-96-4	
		Trifluoroiodomethane(trifluoromethyl iodide)	2314-97-8	
		Chloromethane(methyl chloride)	74-87-3	
		Dibromofluoromethane(HBFC-21 B2)	1868-53-7	
		Bromodifluoromethane(HBFC-22 B1)	1511-62-2	
		Bromofluoromethane(HBFC-31 B1)	373-52-4	
		Tetrabromofluoroethane(HBFC-121 B4)	306-80-9	
		Tribromodifluoroethane(HBFC-122 B3)	-	
		Dibromotrifluoroethane(HBFC-123 B2)	354-04-1	
		Bromotetrafluoroethane(HBFC-124 B1)	124-72-1	
		Tribromofluoroethane(HBFC-131 B3)	-	
		Dibromodifluoroethane(HBFC-132 B2)	75-82-1	
Bromotrifluoroethane(HBFC-133 B1)	421-06-7			
Dibromofluoroethane(HBFC-141 B2)	358-97-4			
Bromodifluoroethane(HBFC-142 B1)	420-47-3			
Bromofluoroethane(HBFC-151 B1)	762-49-2			
Hexabromofluoropropane(HBFC-221 B6)	-			
Pentabromodifluoropropane(HBFC-222 B5)	-			
Tetrabromotrifluoropropane(HBFC-223 B4)	-			
Tribromotetrafluoropropane(HBFC-224 B3)	-			
Dibromopentafluoropropane(HBFC-225 B2)	431-78-7			
Bromohexafluoropropane(HBFC-226 B1)	2252-78-0			
Pentabromofluoropropane(HBFC-231 B5)	-			
Tetrabromodifluoropropane(HBFC-232 B4)	-			
Tribromotrifluoropropane(HBFC-233 B3)	-			
Dibromotetrafluoropropane(HBFC-234 B2)	-			
Bromopentafluoropropane(HBFC-235 B1)	460-88-8			
Tetrabromofluoropropane(HBFC-241 B4)	-			

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
32	Ozone Depleting Substances  (CFC, Halon, HBFC, HCFC & others)	Tribromodifluoropropane(HBFC-242 B3)	70192-80-2	
		Dibromotrifluoropropane(HBFC-243 B2)	431-21-0	
		Bromotetrafluoropropane HBFC-244 B1)	679-84-5	
		Tribromofluoropropane(HBFC-251 B3)	75372-14-4	
		Dibromodifluoropropane(HBFC-252 B2)	460-25-3	
		Bromotrifluoropropane(HBFC-253 B1)	421-46-5	
		Dibromofluoropropane(HBFC-261 B2)	51584-26-0	
		Bromodifluoropropane(HBFC-262 B1)	-	
		Bromofluoropropane(HBFC-271 B1)	1871-72-3	
		Dichlorofluoromethane(HCFC-21)	75-43-4	
		Chlorodifluoromethane(HCFC-22)	75-45-6	
		Chlorofluoromethane(HCFC-31)	593-70-4	
		Tetrachlorofluoroethane(HCFC-121)	134237-32-4	
		1,1,2,2-Tetrachloro-1-fluoroethane(HCFC-121)	354-14-3	
		1,1,1,2-Tetrachloro-2-fluoroethane(HCFC-121a)	354-11-0	
		Trichlorodifluoroethane(HCFC-122)	41834-16-6	
		1,2,2-Trichloro-1,1-difluoroethane(HCFC-122)	354-21-2	
		1,1,2-Trichloro-1,2-difluoroethane(HCFC-122a)	354-15-4	
		1,1,1-Trichloro-2,2-difluoroethane(HCFC 122b)	354-12-1	
		Dichlorotrifluoroethane(HCFC-123)	34077-87-7	
		1,1-Dichloro-2,2,2-trifluoroethane(HCFC-123)	306-83-2	
		1,2-Dichloro-1,1,2-trifluoroethane(HCFC-123a)	354-23-4	
		1,1-Dichloro-1,2,2-trifluoroethane(HCFC-123b)	90454-18-5	
			812-04-4	
		Chlorotetrafluoroethane (HCFC-124)	63938-10-3	
		2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	2837-89-0	
		1-chloro-1,1,2,2-tetrafluoroethane(HCFC-124a)	354-25-6	
		Trichlorofluoroethane(HCFC-131)	27154-33-2	
		1,1,2-Trichloro-2-fluoroethane(HCFC-131)	(134237-34-6)	
		1,1,2-Trichloro-1-fluoroethane(HCFC-131a)	359-28-4	
		1,1,1-Trichloro-2-fluoroethane(HCFC131b)	811-95-0	
			2366-36-1	
		Dichlorodifluoroethane(HCFC-132)	25915-78-0	
		1,2-Dichloro-1,2-difluoroethane(HCFC-132)	431-06-1	
		1,1-Dichloro-2,2-difluoroethane(HCFC-132a)	471-43-2	
		1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1649-08-7	
		1,1-Dichloro-1,2-difluoroethane(HCFC-132c)	1842-05-3	
		Chlorotrifluoroethane(HCFC-133)	1330-45-6	
		1-Chloro-1,2,2-trifluoroethane(HCFC-133)	431-07-2	
		2-Chloro-1,1,1-trifluoroethane(HCFC-133a)	1330-45-6	
1-Chloro-1,1,2-trifluoroethane(HCFC-133b)	75-88-7			
	421-04-5			
Dichlorofluoroethane(HCFC-141)	1717-00-6			
1,2-Dichloro-1-fluoroethane(HCFC-141)	(25167-88-8)			
1,1-Dichloro-2-fluoroethane(HCFC-141a)	430-57-9			
1,1-Dichloro-1-fluoroethane(HCFC-141b)	430-53-5			
	1717-00-6			
Chlorodifluoroethane(HCFC-142)	25497-29-4			
2-Chloro-1,1-Difluoroethane(HCFC-142)	338-65-8			
1-Chloro-1,1-difluoroethane(HCFC-142b)	75-68-3			
1-Chloro-1,2-difluoroethane(HCFC-142a)	338-64-7			
Chlorofluoroethane(HCFC-151)	110587-14-9			
1-Chloro-2-fluoroethane(HCFC-151)	762-50-5			
1-Chloro-1-fluoroethane(HCFC-151a)	1615-75-4			
Hexachlorofluoropropane(HCFC-221)	134237-35-7			
1,1,1,2,2,3-Hexachloro-3-fluoropropane(HCFC-221ab)	29470-94-8			
	422-26-4			
Pentachlorodifluoropropane(HCFC-222)	134237-36-8			
1,1,1,3,3-pentachloro-2,2-difluoropropane(HCFC-222ca)	422-49-1			
1,2,2,3,3-pentachloro-1,1-difluoropropane(HCFC-222aa)	422-30-0			
Tetrachlorotrifluoropropane(HCFC-223)	134237-37-9			
1,1,3,3-Tetrachloro-1,2,2-trifluoropropane(HCFC-223ca)	422-52-6			
1,1,1,3-Tetrachloro-2,2,3-trifluoropropane(HCFC-223cb)	422-50-4			

No.	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
32	Ozone Depleting Substances  (CFC, Halon, HBFC, HCFC & others)	Trichlorotetrafluoropropane(HCFC 224) 1,3,3-Trichloro-1,1,2,2-tetrafluoropropane(HCFC 224ca) 1,1,3-Trichloro-1,2,2,3-tetrafluoropropane(HCFC 224cb) 1,1,1-Trichloro-2,2,3,3-tetrafluoropropane(HCFC 224cc) Dichloropentafluoropropane(HCFC225) 2,2-Dichloro-1,1,1,3,3-pentafluoropropane(HCFC 225aa) 2,3-Dichloro-1,1,1,2,3-pentafluoropropane(HCFC 225ba) 1,2-Dichloro-1,1,2,3,3-pentafluoropropane(HCFC 225bb) 3,3-Dichloro-1,1,1,2,2-pentafluoropropane(HCFC 225ca) 1,3-Dichloro-1,1,2,2,3-pentafluoropropane(HCFC 225cb) 1,1-Dichloro-1,2,2,3,3-pentafluoropropane(HCFC 225cc) 1,2-Dichloro-1,1,3,3,3-pentafluoropropane(HCFC 225da) 1,3-Dichloro-1,1,2,3,3-pentafluoropropane(HCFC 225ea) 1,1-Dichloro-1,2,3,3,3-pentafluoropropane(HCFC 225eb) Chlorohexafluoropropane(HCFC-226) 2-Chloro-1,1,1,3,3,3-hexafluoro-propane(HCFC-226da) Pentachlorofluoropropane(HCFC-231) 1,1,1,2,3-pentachloro-2-fluoro-propane(HCFC-231bb) Tetrachlorodifluoropropane(HCFC-232) 1,1,1,3-Tetrachloro-3,3-difluoropropane(HCFC-232fc) Trichlorotrifluoropropane(HCFC-233) 1,1,1-Trichloro-3,3,3-trifluoropropane(HCFC-233fb) Dichlorotetrafluoropropane(HCFC-234) 1,2-Dichloro-1,2,3,3-tetrafluoropropane(HCFC-234db) Chloropentafluoropropane(HCFC-235) 1-Chloro-1,1,3,3,3-pentafluoropropane(HCFC-235fa) Tetrachlorofluoropropane(HCFC-241) 1,1,2,3-Tetrachloro-1-fluoropropane(HCFC-241db) Trichlorodifluoropropane(HCFC-242) 1,3,3,Trichloro-1,1-difluoropropane(HCFC-242fa) Dichlorotrifluoropropane(HCFC-243) 1,1-Dichloro-1,2,2-trifluoropropane (HCFC-243cc) 2,3-Dichloro-1,1,1-trifluoropropane (HCFC-243db) 3,3-Dichloro-1,1,1-trifluoropropane (HCFC-243fa) Chlorotetrafluoropropane(HCFC-244) 3-Chloro-1,1,2,2-tetrafluoropropane(HCFC-244ca) 1-Chloro-1,1,2,2-tetrafluoropropane(HCFC-244cc) Trichlorofluoropropane(HCFC-251) 1,1,3-Trichloro-1-fluoropropane(HCFC-251fb) 1,1,2-Trichloro-1-fluoropropane(HCFC-251dc) Dichlorodifluoropropane(HCFC-252) 1,3-Dichloro-1,1-difluoropropane(HCFC-252fb) Chlorotrifluoropropane(HCFC-253) 3-Chloro-1,1,1-trifluoropropane(HCF-253fb) Dichlorofluoropropane(HCFC-261) 1,1-Dichloro-1-fluoropropane(HCFC-261fc) 1,2-Dichloro-2-fluoro-propane(HCFC-261ba) Chlorodifluoropropane(HCFC-262) 1-Chloro-2,2-difluoropropane(HCFC-262ca) 2-Chloro-1,3-difluoropropane(HCFC-262da) 1-Chloro-1,1-difluoropropane(HCFC-262fc) Chlorofluoropropane(HCFC-271) 2-Chloro-2-fluoropropane(HCFC-271ba) 1-Chloro-1-fluoropropane(HCFC-271fb)	134237-38-0 422-54-8 422-53-7 422-51-5 127564-92-5 128903-21-9 422-48-0 422-44-6 422-56-0 507-55-1 13474-88-9 431-86-7 136013-79-1 111512-56-2 134308-72-8 431-87-8 134190-48-0 421-94-3 134237-39-1 460-89-9 134237-40-4 7125-83-9 127564-83-4 425-94-5 134237-41-5 460-92-4 134190-49-1 666-27-3 134237-42-6 460-63-9 134237-43-7 7125-99-7 338-75-0 460-69-5 134190-50-4 679-85-6 421-75-0 134190-51-5 818-99-5 421-41-0 134190-52-6 819-00-1 134237-44-8 460-35-5 134237-45-9 7799-56-6 420-97-3 134190-53-7 420-99-5 102738-79-4 421-02-3 134190-54-8 420-44-0 430-55-7	
33	Perchlorates	Lithium Perchlorate Ammonium perchlorate Barium perchlorate Lead perchlorate Magnesium Perchlorate Perchloric acid, cobalt (2+) salt Perchloric acid, mercury(2+) salt Perchloric acid, nickel(2+) salt, hexahydrate Nickel perchlorate Potassium Perchlorate Sodium Perchlorate Thallium(3+) perchlorate	7791-03-9 7790-98-9 13465-95-7 13637-76-8 10034-81-8 13455-31-7 7616-83-3 13520-61-1 13637-71-3 7778-74-7 7601-89-0 15596-83-5	

<b>No.</b>	<b>Chemical Substance Group</b>	<b>Specific Chemical Substance</b>	<b>CAS No</b>	<b>Note</b>
36	Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	
		Dibutyl phthalate (DBP)	84-74-2	
		Benzyl butyl phthalate (BBP)	85-68-7	
		Diisobutyl phthalate (DIBP)	84-69-5	
37	Phthalates, Selected Group 2 (DIDP, DINP, DNOP)	Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	
		Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	
		Di-n-octyl phthalate (DNOP)	117-84-0	
44	Polybrominated biphenyls (PBB)	Polybrominated Biphenyls	59536-65-1	
		Dibromobiphenyl	92-86-4	
		2-Bromobiphenyl	2052-07-5	
		3-Bromobiphenyl	2113-57-7	
		4-Bromobiphenyl	92-66-0	
		Tribromobiphenyl	59080-34-1	
		Tetrabromobiphenyl	40088-45-7	
		Pentabromobiphenyl	56307-79-0	
		Hexabromobiphenyl	59080-40-9	
		hexabromo-1,1-biphenyl	36355-01-8	
		Firemaster FF-1	67774-32-7	
		Heptabromobiphenyl	35194-78-6	
		Octabromobiphenyl	61288-13-9	
Nonabromobiphenyl	27753-52-2			
Decabromobiphenyl	13654-09-6			
45	Polybrominated diphenyl ethers (PBDE)	Bromodiphenyl ether	101-55-3	
		Dibromodiphenyl ethers	2050-47-7	
		Tribromodiphenyl ether	49690-94-0	
		Tetrabromodiphenyl ethers	40088-47-9	
		Hexabromodiphenyl ether	36483-60-0	
		Heptabromodiphenylether	68928-80-3	
		Nonabromodiphenylether	63936-56-1	
		Decabromodiphenyl ether	1163-19-5	
		Pentabromodiphenyl ether (Note ; Commercial PeBDPO is complicated reaction mixture containing various kinds of diphenyl oxide to brominate.)	32534-81-9	
		Octabromodiphenyl ether	32536-52-0	
46	Polychlorinated Biphenyls (PCBs) and specific substitutes	Polychlorinated Biphenyls(all isomers and congeners)	1336-36-3	
		Monomethyl-tetrachloro-diphenyl methane(Ugilec 141)	76253-60-6	
		Monomethyl-dichloro-diphenyl methane(Ugilec 121, Ugilec 21)	81161-70-8	
		Monomethyl-dibromo-diphenyl methane(DBBT)	99688-47-8	
47	Polychlorinated Terphenyls (PCTs)	Polychlorinated Terphenyls(PCT)(all isomers and congeners)	61788-33-8	
48	Polychlorinated naphthalenes	Naphthalene, chloro derivatives	70776-03-3	
		1-Chloronaphthalene	90-13-1	
		2-Chloronaphthalene	91-58-7	
		1,5-Dichloronaphthalene	1825-30-5	
		1,4-Dichloronaphthalene	1825-31-6	
		1,2-Dichloronaphthalene	2050-69-3	
		1,6-Dichloronaphthalene	2050-72-8	
		1,7-Dichloronaphthalene	2050-73-9	
		1,8-Dichloronaphthalene	2050-74-0	
		2,3-Dichloronaphthalene	2050-75-1	
		2,6-Dichloronaphthalene	2065-70-5	
		1,3-Dichloronaphthalene	2198-75-6	
		2,7-Dichloronaphthalene	2198-77-8	
		Chloronaphthalene	25586-43-0	
		Dichloronaphthalene	28699-88-9	
		Pentachloronaphthalene	1321-64-8	
		Trichloronaphthalene	1321-65-9	
		Hexachloronaphthalene	1335-87-1	
		Tetrachloronaphthalene	1335-88-2	
		Perchloronaphthalene	2234-13-1	
		1,4,6-Trichloronaphthalene	2437-54-9	
		1,4,5-Trichloronaphthalene	2437-55-0	
		1,4,5,8-Tetrachloronaphthalene	3432-57-3	
1,2,4,8-Tetrachloronaphthalene	6529-87-9			

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
48	Polychlorinated naphthalenes	1,2,4,5-Tetrachloronaphthalene	6733-54-6	
		1,2,3,6,7,8-Hexachloronaphthalene	17062-87-2	
		1,2,3,4-Tetrachloronaphthalene	20020-02-4	
		1,3,5,8-Tetrachloronaphthalene	31604-28-1	
		Heptachloronaphthalene	32241-08-0	
		2,3,6,7-Tetrachloronaphthalene	34588-40-4	
		1,2,4-Trichloronaphthalene	50402-51-2	
		1,2,3-Trichloronaphthalene	50402-52-3	
		1,3,5-Trichloronaphthalene	51570-43-5	
		1,2,6-Trichloronaphthalene	51570-44-6	
		1,2,4,6-Tetrachloronaphthalene	51570-45-7	
		1,2,3,5-Tetrachloronaphthalene	53555-63-8	
		1,3,5,7-Tetrachloronaphthalene	53555-64-9	
		1,2,3,5,7-Pentachloronaphthalene	53555-65-0	
		1,2,5-Trichloronaphthalene	55720-33-7	
		1,2,7-Trichloronaphthalene	55720-34-8	
		1,2,8-Trichloronaphthalene	55720-35-9	
		1,3,6-Trichloronaphthalene	55720-36-0	
		1,3,7-Trichloronaphthalene	55720-37-1	
		1,3,8-Trichloronaphthalene	55720-38-2	
		1,6,7-Trichloronaphthalene	55720-39-3	
		2,3,6-Trichloronaphthalene	55720-40-6	
		1,2,3,7-Tetrachloronaphthalene	55720-41-7	
		1,3,6,7-Tetrachloronaphthalene	55720-42-8	
		1,4,6,7-Tetrachloronaphthalene	55720-43-9	
		1,2,3,4,5,6,7-Heptachloronaphthalene	58863-14-2	
		1,2,3,4,5,6,8-Heptachloronaphthalene	58863-15-3	
		1,2,3,4,5,6-Hexachloronaphthalene	58877-88-6	
		1,2,4,7-Tetrachloronaphthalene	67922-21-8	
		1,2,5,6-Tetrachloronaphthalene	67922-22-9	
		1,2,5,7-Tetrachloronaphthalene	67922-23-0	
		1,2,6,8-Tetrachloronaphthalene	67922-24-1	
		1,2,3,4,5-Pentachloronaphthalene	67922-25-2	
		1,2,3,4,6-Pentachloronaphthalene	67922-26-3	
		1,2,3,4,5,7-Hexachloronaphthalene	67922-27-4	
		1,2,4,5,6,8-Hexachloronaphthalene	90948-28-0	
		1,2,4,5,7,8-Hexachloronaphthalene	103426-92-2	
		1,2,3,4,5,8-Hexachloronaphthalene	103426-93-3	
		1,2,3,5,7,8-Hexachloronaphthalene	103426-94-4	
		1,2,3,5,6,8-Hexachloronaphthalene	103426-95-5	
		1,2,3,4,6,7-Hexachloronaphthalene	103426-96-6	
		1,2,3,5,6,7-Hexachloronaphthalene	103426-97-7	
		1,2,3,6-Tetrachloronaphthalene	149864-78-8	
1,2,6,7-Tetrachloronaphthalene	149864-79-9			
1,2,5,8-Tetrachloronaphthalene	149864-80-2			
1,2,3,8-Tetrachloronaphthalene	149864-81-3			
1,2,7,8-Tetrachloronaphthalene	149864-82-4			
1,2,3,7,8-Pentachloronaphthalene	150205-21-3			
1,3,6,8-Tetrachloronaphthalene	150224-15-0			
1,2,3,6,7-Pentachloronaphthalene	150224-16-1			
1,2,4,6,7-Pentachloronaphthalene	150224-17-2			
1,2,3,5,6-Pentachloronaphthalene	150224-18-3			
1,2,4,5,7-Pentachloronaphthalene	150224-19-4			
1,2,4,5,6-Pentachloronaphthalene	150224-20-7			
1,2,4,7,8-Pentachloronaphthalene	150224-21-8			
1,2,4,6,8-Pentachloronaphthalene	150224-22-9			
1,2,3,6,8-Pentachloronaphthalene	150224-23-0			
1,2,3,5,8-Pentachloronaphthalene	150224-24-1			
1,2,4,5,8-Pentachloronaphthalene	150224-25-2			
49	Radioactive substances	Uranium-238	7440-61-1	
		Radon	10043-92-2	
		Americium-241	14596-10-2	
		Thorium-232	7440-29-1	
		Cesium-137	10045-97-3	
		Strontium-90	10098-97-2	
		Other radioactive substances	-	



<b>No.</b>	<b>Chemical Substance Group</b>	<b>Specific Chemical Substance</b>	<b>CAS No</b>	<b>Note</b>
52	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	Alkanes, C10-13, chloro	85535-84-8	
		Alkanes, C10-12, chloro	108171-26-2	
		Alkanes, C12-13, chloro	71011-12-6	
		Alkanes, chloro	61788-76-9	
		Other Short Chain Chlorinated Paraffins	-	
55	Tri-substituted organostannic compounds	Triphenyltin-N, N-dimethyldithiocarbamate	1803-12-9	
		Triphenyltinfluoride	379-52-2	
		Triphenyltinacetate	900-95-8	
		Triphenyltinchloride	639-58-7	
		Triphenyltinhydroxide	76-87-9	
		Triphenyltin fattyacid((9-11)salt)	18380-71-7	
			18380-72-8	
			47672-31-1	
			94850-90-5	
		Triphenyltinchloroacetate	7094-94-2	
		Tributyltinmethacrylate	2155-70-6	
		Bis(tributyltin)fumalate	6454-35-9	
		Tributyltinfluoride	1983-10-4	
		Bis(tributyltin)2,3-dibromosuccinate	31732-71-5	
		Tributyltinacetate	56-36-0	
		Tributyltinlaurate	3090-36-6	
		Bis(tributyltin)phthalate	4782-29-0	
		Copolymer of alkyl(c=8) acrylate,methyl methacrylate and tributyltin methacrylate	67772-01-4	
		Tributyltinsulfamate	6517-25-5	
		Bis(tributyltin)maleate	14275-57-1	
Tributyltinchloride	1461-22-9			
	7342-38-3			
Tributyltin cyclopentane carbonate=mixture	85409-17-2			
Tributyltin-1, 2,3,4,4a, 4b, 5,6,10,10a-decahydro-7-isopropyl-1, 4a-dimethyl-1-phenanthrenecarboxylatemix	26239-64-5			
Other tri-substituted organostannic compounds	-			
62 63	Chlorinated Flame Retardants (CFR)	Tetrakis(2-chloroethyl)dichloroisopentylidiphosphate	38051-10-4	
		Tris(1-chloro-2-propyl)phosphate	13674-84-5	
		Tris(2,3-dichloro-1-propyl)phosphate	66108-37-0	
		Tris(1,3-dichloro-2-propyl)phosphate	13674-87-8	
		1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-	13560-89-9	
		1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-, (1R,4S,4aS,6aS,7S,10R,10aR,12aR)-rel-	135821-74-8	
		1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-, (1R,4S,4aS,6aR,7R,10S,10aS,12aR)-rel-	135821-03-3	
		Other Chlorinated Flame Retardants	-	
92	Hexahydromethylphthalic anhydride	Hexahydromethylphthalic anhydride	25550-51-0	
		Hexahydro-4-methylphthalic anhydride	19438-60-9	
		Hexahydro-1-methylphthalic anhydride	48122-14-1	
		Hexahydro-3-methylphthalic anhydride	57110-29-9	
98	4-Nonylphenol, branched and linear, ethoxylated	Poly(oxy-1,2-ethanediyl), $\alpha$ -(4-nonylphenyl)- $\omega$ -hydroxy-	26027-38-3	
		Ethanol, 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]-	7311-27-5	
		Ethanol, 2-[2-(4-nonylphenoxy)ethoxy]-	20427-84-3	
		3,6,9,12,15-Pentaoxaheptadecan-1-ol,17-(4-nonylphenoxy)-	34166-38-6	
		3,6,9,12,15,18-Hexaoxaicosan-1-ol, 20-(4-nonylphenoxy)-	27942-27-4	
		3,6,9,12,15,18,21,24-Octaoxaheacosan-1-ol,26-(4-nonylphenoxy)-	14409-72-4	
		Ethanol, 2-(4-nonylphenoxy)-	104-35-8	
		Isononylphenol ethoxylate	37205-87-1	
		Poly(oxy-1,2-ethanediyl), $\alpha$ -(4-nonylphenyl)- $\omega$ -hydroxy-, 4-tert-Nonylphenol diethoxylate	127087-87-0	
	156609-10-8			

No.	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
124	Perfluorooctane sulfonates (PFOS)	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with 2-[methyl]([perfluoro-C4-8-alkyl)-sulfonyl]amino]ethyl acrylate and vinylidene chloride	306975-62-2	
125		Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt	2991-51-7	
140	Perfluorononan-1-oic-acid and its sodium and ammonium salts	Perfluorononan-1-oic-acid	375-95-1	
		Ammonium salt of perfluorononan-1-oic-acid	4149-60-4	
		Sodium salt of perfluorononan-1-oic-acid	21049-39-8	
142	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	Nonadecafluorodecanoic acid	335-76-2	
		sodium nonadecafluorodecanoate	3830-45-3	
		Ammonium nonadecafluorodecanoate	3108-42-7	
143	Perfluorohexane-1-sulphonic acid and its salts	Perfluorohexane-1-sulphonic acid	355-46-4	
		ammonium perfluorohexane-1-sulphonate	68259-08-5	
		potassium perfluorohexane-1-sulphonate	3871-99-6	
147	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropenta cyclo[12.2.1.16,9.0 2,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-	13560-89-9	
		1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-, (1R,4S,4aS,6aS,7S,10R,10aR,12aR)-rel-	135821-74-8	
		1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-, (1R,4S,4aS,6aR,7R,10S,10aS,12aR)-rel-	135821-03-3	
160	Perfluorooctanoic acid and its salts	Pentadecafluorooctanoic acid	335-67-1	
		Ammonium pentadecafluorooctanoate	3825-26-1	
		Sodium pentadecafluorooctanoate	335-95-5	
		Potassium pentadecafluorooctanoate	2395-00-8	
		Silver pentadecafluorooctanoate	335-93-3	
161	PFOA-related compounds	Pentadecafluorooctanoic acid	335-67-1	
		Ammonium pentadecafluorooctanoate	3825-26-1	
		Sodium pentadecafluorooctanoate	335-95-5	
		Potassium pentadecafluorooctanoate	2395-00-8	
		Silver pentadecafluorooctanoate	335-93-3	
		Pentadecafluorooctanoyl fluoride	335-66-0	
		Methyl pentadecafluorooctanoate	376-27-2	
		Ethyl pentadecafluorooctanoate	3108-24-5	
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecan-1-ol	678-39-7	
	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	1996-88-9	addition	
162	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	Phenol, 4-nonyl, phosphite	3050-88-2	
		Phenol, p-isononyl-, phosphite	31631-13-7	
		Phenol, p-sec-nonyl-, phosphite	106599-06-8	
165	Perfluorobutane sulfonic acid (PFBS) and its	N,N,N,-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	25628-08-4	
		1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	375-73-5	
171	Halogenated Flame Retardants	Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(14) [Aliphatic/alicyclic brominated compounds]	-	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(15) [Aliphatic/alicyclic brominated compounds in combination with antimony compounds]	-	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(16) [Aromatic brominated compounds excluding brominated diphenyl ether and biphenyls]	-	

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
171	Halogenated Flame Retardants	Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(17) [Aromatic brominated compounds excluding brominated diphenyl ether and biphenyls) in combination with antimony compounds]	-	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(22) [Aliphatic/alicyclic chlorinated and brominated compounds]	-	
		Brominated flame retardant which comes under notation of ISO 1043-4 code number FR(42) [Brominated organic phosphorus compounds]	-	
		Other Brominated Flame Retardants	-	
		Other Short Chain Chlorinated Paraffins	-	
		Other Chlorinated Flame Retardants	-	
		Bromodiphenyl ether	101-55-3	
		1,2,4,5,7,8-Hexachloronaphthalene	103426-92-2	
		1,2,3,4,5,8-Hexachloronaphthalene	103426-93-3	
		1,2,3,5,7,8-Hexachloronaphthalene	103426-94-4	
		1,2,3,5,6,8-Hexachloronaphthalene	103426-95-5	
		1,2,3,4,6,7-Hexachloronaphthalene	103426-96-6	
		1,2,3,5,6,7-Hexachloronaphthalene	103426-97-7	
		Alkanes, C10-12, chloro	108171-26-2	
		Decabromodiphenyl ether	1163-19-5	
		2,4,6-tribromo-phenol	118-79-6	
		Chlorinated and brominated phosphate ester	125997-20-8	
		Pentachloronaphthalene	1321-64-8	
		Trichloronaphthalene	1321-65-9	
		Hexachloronaphthalene	1335-87-1	
		Tetrachloronaphthalene	1335-88-2	
		alpha-hexabromocyclododecane	134237-50-6	
		beta-hexabromocyclododecane	134237-51-7	
		gamma-hexabromocyclododecane	134237-52-8	
		Brominated epoxy resin end-capped with tribromophenol	135229-48-0	
		1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro- 1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-	13560-89-9	
		1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro- 1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-, (1R,4S,4aS,6aR,7R,10S,10aS,12aR)-rel-	135821-03-3	
		1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6, 6a,7,10,10a,11,12,12a-dodecahydro-, (1R,4S,4aS,6aS,7S,10R,10aR,12aR)-rel-	135821-74-8	
		Decabromobiphenyl	13654-09-6	
		Tris(1-chloro-2-propyl)phosphate	13674-84-5	
		Tris(1,3-dichloro-2-propyl)phosphate	13674-87-8	
		Brominated epoxy resin end-capped with tribromophenol	139638-58-7	
		1,2,3,6-Tetrachloronaphthalene	149864-78-8	
		1,2,6,7-Tetrachloronaphthalene	149864-79-9	
		1,2,5,8-Tetrachloronaphthalene	149864-80-2	
		1,2,3,8-Tetrachloronaphthalene	149864-81-3	
		1,2,7,8-Tetrachloronaphthalene	149864-82-4	
		1,2,3,7,8-Pentachloronaphthalene	150205-21-3	
		1,3,6,8-Tetrachloronaphthalene	150224-15-0	
		1,2,3,6,7-Pentachloronaphthalene	150224-16-1	
		1,2,4,6,7-Pentachloronaphthalene	150224-17-2	
		1,2,3,5,6-Pentachloronaphthalene	150224-18-3	
		1,2,4,5,7-Pentachloronaphthalene	150224-19-4	
		1,2,4,5,6-Pentachloronaphthalene	150224-20-7	
		1,2,4,7,8-Pentachloronaphthalene	150224-21-8	
		1,2,4,6,8-Pentachloronaphthalene	150224-22-9	
		1,2,3,6,8-Pentachloronaphthalene	150224-23-0	
		1,2,3,5,8-Pentachloronaphthalene	150224-24-1	
		1,2,4,5,8-Pentachloronaphthalene	150224-25-2	
		Octabromo-1,1,3-trimethyl-1-phenylindane (FR-1808)	155613-93-7	
1,2,3,6,7,8-Hexachloronaphthalene	17062-87-2			
Dibromo-styrene grafted PP	171091-06-8			

No.	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
171	Halogenated Flame Retardants	1,5-Dichloronaphthalene	1825-30-5	
		1,4-Dichloronaphthalene	1825-31-6	
		Tris(tribromo-neopentyl) phosphate	19186-97-1	
		1,2,3,4-Tetrachloronaphthalene	20020-02-4	
		Dibromodiphenyl ethers	2050-47-7	
		1,2-Dichloronaphthalene	2050-69-3	
		1,6-Dichloronaphthalene	2050-72-8	
		1,7-Dichloronaphthalene	2050-73-9	
		1,8-Dichloronaphthalene	2050-74-0	
		2,3-Dichloronaphthalene	2050-75-1	
		2-Bromobiphenyl	2052-07-5	
		2-Hydroxy-propyl-2-(2-hydroxy-ethoxy)-ethyl-TBP	20566-35-2	
		2,6-Dichloronaphthalene	2065-70-5	
		3-Bromobiphenyl	2113-57-7	
		TBBA-(2,3-dibromo-propyl-ether)	21850-44-2	
		1,3-Dichloronaphthalene	2198-75-6	
		2,7-Dichloronaphthalene	2198-77-8	
		Perchloronaphthalene	2234-13-1	
		1,4,6-Trichloronaphthalene	2437-54-9	
		1,4,5-Trichloronaphthalene	2437-55-0	
		TBBA-bis-(allyl-ether)	25327-89-3	
		Tetrabromophthalic acid Na salt	25357-79-3	
		Chloronaphthalene	25586-43-0	
		N,N,N,-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-	25628-08-4	
		Hexabromocyclododecane (HBCDD)	25637-99-4	
		Bis(2-ethylhexyl)tetrabromo-phthalate	26040-51-7	
		Tribromo-phenyl-allyl-ether, unspecified	26762-91-4	
		Nonabromobiphenyl	27753-52-2	
		Dichloronaphthalene	28699-88-9	
		TBBA carbonate oligomer	28906-13-0	
		TBBA, unspecified	30496-13-0	
		Tetrabromo-cyclo-octane	31454-48-5	
		1,3,5,8-Tetrachloronaphthalene	31604-28-1	
		Poly-dibromo-styrene	31780-26-4	
		1,2,5,6,9,10-hexabromocyclodecane	3194-55-6	
		Heptachloronaphthalene	32241-08-0	
		2,3-Dibromo-2-butene-1,4-diol	3234-02-4	
		Pentabromodiphenyl ether	32534-81-9	
		Octabromodiphenyl ether	32536-52-0	
		N,N'-Ethylene -bis-(tetrabromo-phthalimide)	32588-76-4	
		2,4,6-Tribromo-phenyl-allyl-ether	3278-89-5	
		TBBA-bisphenol A-phosgene polymer	32844-27-2	
		Dibromo-neopentyl-glycol	3296-90-0	
		1,2-Dibromo-4-(1,2 dibromo-ethyl)-cyclo-hexane	3322-93-8	
		1,4,5,8-Tetrachloronaphthalene	3432-57-3	
		1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide	34454-97-2	
		2,3,6,7-Tetrachloronaphthalene	34588-40-4	
		Heptabromobiphenyl	35194-78-6	
		hexabromo-1,1-biphenyl	36355-01-8	
		Tribromo-neopentyl-alcohol	36483-57-5	
Hexabromodiphenyl ether	36483-60-0			
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonyl fluoride	375-72-4			
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	375-73-5			
1,2-Bis(2,4,6-tribromo-phenoxy) ethane	37853-59-1			
TBBA-dimethyl-ether	37853-61-5			
Tetrakis(2-chloroethyl)dichloroisopentylidiphosphate	38051-10-4			
Pentabromo-benzyl bromide	38521-51-6			
Tetrabromo-bisphenol S	39635-79-5			
TBBA-epichlorhydrin oligomer	40039-93-8			
Tetrabromobiphenyl	40088-45-7			
Tetrabromodiphenyl ethers	40088-47-9			
TBBA bis-(2-hydroxy-ethyl-ether)	4162-45-2			
TBBS-bis-(2,3-dibromo-propyl-ether)	42757-55-1			
Tris(2,4-Dibromo-phenyl) phosphate	49690-63-3			
Tribromodiphenyl ether	49690-94-0			

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
171	Halogenated Flame Retardants	1,2,4-Trichloronaphthalene	50402-51-2	
		1,2,3-Trichloronaphthalene	50402-52-3	
		1,3,5-Trichloronaphthalene	51570-43-5	
		1,2,6-Trichloronaphthalene	51570-44-6	
		1,2,4,6-Tetrachloronaphthalene	51570-45-7	
		Tris-(2,3-dibromo-propyl)-isocyanurate	52434-90-9	
		Ethylene-bis(5,6-dibromo-norbornane-2,3-dicarboximide)	52907-07-0	
		1,2,3,5-Tetrachloronaphthalene	53555-63-8	
		1,3,5,7-Tetrachloronaphthalene	53555-64-9	
		1,2,3,5,7-Pentachloronaphthalene	53555-65-0	
		Bis(methyl)tetrabromo-phthalate	55481-60-2	
		1,2,5-Trichloronaphthalene	55720-33-7	
		1,2,7-Trichloronaphthalene	55720-34-8	
		1,2,8-Trichloronaphthalene	55720-35-9	
		1,3,6-Trichloronaphthalene	55720-36-0	
		1,3,7-Trichloronaphthalene	55720-37-1	
		1,3,8-Trichloronaphthalene	55720-38-2	
		1,6,7-Trichloronaphthalene	55720-39-3	
		2,3,6-Trichloronaphthalene	55720-40-6	
		1,2,3,7-Tetrachloronaphthalene	55720-41-7	
		1,3,6,7-Tetrachloronaphthalene	55720-42-8	
		1,4,6,7-Tetrachloronaphthalene	55720-43-9	
		Pentabromophenyl	56307-79-0	
		Poly tribromo-styrene	57137-10-7	
		1,2,3,4,5,6,7-Heptachloronaphthalene	58863-14-2	
		1,2,3,4,5,6,8-Heptachloronaphthalene	58863-15-3	
		1,2,3,4,5,6-Hexachloronaphthalene	58877-88-6	
		Tetra-decabromo-diphenoxy-benzene	58965-66-5	
		Tribromobiphenyl	59080-34-1	
		Hexabromobiphenyl	59080-40-9	
		Vinylbromide	593-60-2	
		Pentabromo-benzyl-acrylate, monomer	59447-55-1	
		Pentabromo-benzyl-acrylate, polymer	59447-57-3	
		Polybrominated Biphenyls	59536-65-1	
		Tribromo-bisphenyl-maleinimide	59789-51-4	
		Pentabromo-phenol	608-71-9	
		Octabromobiphenyl	61288-13-9	
		Tribromo-styrene	61368-34-1	
		2,4-Dibromo-phenol	615-58-7	
		Alkanes, chloro	61788-76-9	
		Tetrabromo phthalic anhydride	632-79-1	
		Nonabromodiphenylether	63936-56-1	
		1,2,4,8-Tetrachloronaphthalene	6529-87-9	
		Tris(2,3-dichloro-1-propyl)phosphate	66108-37-0	
		1,2,4,5-Tetrachloronaphthalene	6733-54-6	
		Firemaster FF-1	67774-32-7	
		1,2,4,7-Tetrachloronaphthalene	67922-21-8	
		1,2,5,6-Tetrachloronaphthalene	67922-22-9	
		1,2,5,7-Tetrachloronaphthalene	67922-23-0	
		1,2,6,8-Tetrachloronaphthalene	67922-24-1	
		1,2,3,4,5-Pentachloronaphthalene	67922-25-2	
		1,2,3,4,6-Pentachloronaphthalene	67922-26-3	
		1,2,3,4,5,7-Hexachloronaphthalene	67922-27-4	
		1,3-Butadiene homopolymer, brominated	68441-46-3	
		Heptabromodiphenylether	68928-80-3	
		Bromo-/Chloro-paraffins	68955-41-9	
		Poly(2,6-dibromo-phenylene oxide)	69882-11-7	
		TBBA-TBBA-diglycidyl-ether oligomer	70682-74-5	
		Naphthalene, chloro derivatives	70776-03-3	
		Alkanes, C12-13, chloro	71011-12-6	
TBBA carbonate oligomer, 2,4,6-tribromo-phenol terminated	71342-77-3			
TBPA, glycol-and propylene-oxide esters	75790-69-1			
3,5,3',5'-Tetrabromo-bisphenol A (TBBPA)	79-94-7			
Bromo-/Chloro-alpha-olefin	82600-56-4			
Decabromo-diphenyl-ethane	84852-53-9			
Alkanes, C10-13, chloro	85535-84-8			

<b>No.</b>	<b>Chemical Substance Group</b>	<b>Specific Chemical Substance</b>	<b>CAS No</b>	<b>Note</b>
171	Halogenated Flame Retardants	Pentabromo-toluene	87-83-2	
		1-Chloronaphthalene	90-13-1	
		1,2,4,5,6,8-Hexachloronaphthalene	90948-28-0	
		2-Chloronaphthalene	91-58-7	
		4-Bromobiphenyl	92-66-0	
		Dibromobiphenyl	92-86-4	
		TBBA carbonate oligomer, phenoxy end capped	94334-64-2	
		Dibromo-propanol	96-13-9	
173	Diocetyl tin 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	Stannane, dioctylbis[(1-oxododecyl)oxy]-	3648-18-8	
		Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4	
		dioctyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-	
178	Medium-chain chlorinated paraffins (MCCP)	Alkanes, C14-17, chloro	85535-85-9	addition
		di-, tri- and tetrachlorotetradecane	-	addition
		Tetradecane, chloro derivs.	198840-65-2	addition
		Alkanes, C14-16, chloro	1372804-76-6	addition
179	orthoboric acid, sodium salt	boric acid (H3BO3), sodium salt, hydrate	25747-83-5	addition
		Boric acid (H3BO3), disodium salt	22454-04-2	addition
		Trisodium orthoborate	14312-40-4	addition
		Boric acid, sodium salt	1333-73-9	addition
		Orthoboric acid, sodium salt	13840-56-7	addition
		Boric acid (H3BO3), sodium salt (1:1)	14890-53-0	addition
180	4-Nonylphenol, branched and linear	Phenol, 4-nonyl-, branched	84852-15-3	addition
		p-(1,1-dimethylheptyl)phenol	30784-30-6	addition
		4-(1-Ethyl-1,4-dimethylpentyl)phenol	142731-63-3	addition
		4-(1-Ethyl-1,3-dimethylpentyl)phenol	186825-36-5	addition
		4-(1-ethyl-1-methylhexyl)phenol	52427-13-1	addition
		p-isononylphenol	26543-97-5	addition
		p-(1-methyloctyl)phenol	17404-66-9	addition
		p-nonylphenol	104-40-5	addition
		Phenol, nonyl-, branched	90481-04-2	addition
		4-(3-ethylheptan-2-yl)phenol	186825-39-8	addition
		4-(1,1,5-Trimethylhexyl)phenol	521947-27-3	addition
		Nonylphenol	25154-52-3	addition
		Isononylphenol	11066-49-2	addition
182	C9-C14 PFCAs and their salts	Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-henicosafluoro-	2058-94-8	addition
		Perfluorononan-1-oic acid, sodium salt	21049-39-8	addition
		Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-tricosafluoro-	307-55-1	addition
		Ammonium nonadecafluorodecanoate	3108-42-7	addition
		Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-	335-76-2	addition
		Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-	375-95-1	addition
		Tetradecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-heptacosafluoro-	376-06-7	addition
		Sodium nonadecafluorodecanoate	3830-45-3	addition
		Perfluorononan-1-oic acid, ammonium salt	4149-60-4	addition
		Tridecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-pentacosafluoro-	72629-94-8	addition

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
183	C9-C14 PFCA-related substances	Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-docosafuoro-11-(trifluoromethyl)-	16486-96-7	addition
		Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-eicosafuoro-	1765-48-6	addition
		Tetradecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-hexacosafuoro-13-(trifluoromethyl)-	18024-09-4	addition
		Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-eicosafuoro-, potassium salt	307-71-1	addition
		Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,10,10,10-octadecafluoro-9-(trifluoromethyl)-, ammonium salt	3658-63-7	addition
		Ammonium tricosafuorododecanoate	3793-74-6	addition
		Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-docosafuoro-11-(trifluoromethyl)-, compd. With ethanamine (1:1)	68015-87-2	addition
		2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, hexadecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, octadecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate	115592-83-1	addition
		2-Propenoic acid, 2-methyl-, C10-16-alkyl esters, polymers with 2-hydroxyethyl methacrylate, Me methacrylate and perfluoro-C8-14-alkyl acrylate	125328-29-2	addition
		2-Propenoic acid, 2-methyl-, C10-16-alkyl esters, polymers with 2-hydroxyethyl methacrylate, Me methacrylate and gamma-omega perfluoro-C8-14-alkyl acrylate	129783-45-5	addition
		2-Propenoic acid, dodecyl ester, polymers with Bu (1-oxo-2-propenyl)carbamate and gamma-omega-perfluoro-C8-14-alkyl acrylate	144031-01-6	addition
		Dodecanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-docosafuoro-11-(trifluoromethyl)-	15811-52-6	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-2-211 etrieve-14-(trifluoromethyl)pentadecyl acrylate	16083-87-7	addition
		2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecylester	17741-60-5	addition
		Bis[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl] hydrogen phosphate	1895-26-7	addition
		Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-	2043-54-1	addition
		2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester	2144-54-9	addition
		Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodo-	30046-31-2	addition
		Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-tricosafuoro-11-iodo-	307-50-6	addition
		Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-12-iodo-	307-60-8	addition
Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-14-iodo-	307-63-1	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
183	C9-C14 PFCA-related substances	Dodecane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-tetracosafuoro-12-iodo-2-	3248-61-1	addition
		Tetradecane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-octacosafuoro-14-iodo-2-	3248-63-3	addition
		Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15-hentriacontafuoro-15-iodo-	335-79-5	addition
		Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13-heptacosafuoro-13-iodo-	376-04-5	addition
		1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-	39239-77-5	addition
		Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-10-iodo-	423-62-1	addition
		2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecyl ester	4980-53-4	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-tetracosafuoro-13-(trifluoromethyl)tetradecyl acrylate	52956-82-8	addition
		Nonane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluoro-9-iodo-	558-97-4	addition
		2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl ester	6014-75-1	addition
		1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuoro-	60699-51-6	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-icosafuoro-2-hydroxy-12-(trifluoromethyl)tridecyl dihydrogen phosphate	63295-27-2	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl dihydrogen phosphate	63295-28-3	addition
		2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	65104-45-2	addition
		Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-16-iodo-	65510-55-6	addition
		Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluoro-11-iodo-	65510-56-7	addition
		Decane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-eicosafuoro-10-iodo-2-(trifluoromethyl)-	677-93-0	addition
		Tetradecanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-hexacosafuoro-13-(trifluoromethyl)-	68025-62-7	addition
		2H-Pyran, 2,2,3,3,4,4,5,5,6-nonafluorotetrahydro-6-(nonadecafluorononyl)-	68155-54-4	addition
		Alkyl iodides, C4-20, gamma-omega-perfluoro	68188-12-5	addition
Fatty acids, C7-13, perfluoro	68333-92-6	addition		
Alkyl iodides, C10-12, gamma-omega-perfluoro	68390-33-0	addition		
Phosphonic acid, perfluoro-C6-12-alkyl derivs.	68412-68-0	addition		
Phosphinic acid, bis(perfluoro-C6-12-alkyl)derivs.	68412-69-1	addition		



No.	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
183	C9-C14 PFCA-related substances	1-(carboxylatomethyl)-1-(2-hydroxyethyl)-4-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-1-oxodecyl)nipiperazinium	71356-38-2	addition
		Fatty acids, C7-13, perfluoro, ammonium salts	72968-38-8	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-icosadecafluoro-11-(trifluoromethyl) dodecyl methacrylate	74256-14-7	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-tetracosadecafluoro-13-(trifluoromethyl)tetradecyl methacrylate	74256-15-8	addition
		2-Propenoic acid, gamma-omega-perfluoro-C8-14-alkyl esters	85631-54-5	addition
		2-Propenoic acid, perfluoro-C8-16-alkyl esters	85681-64-7	addition
		1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Alkyl iodides, C6-18, perfluoro	865-86-1	addition
		Alkyl iodides, C6-18, perfluoro	90622-71-2	addition
		Amides, C7-19, alpha-omega-perfluoro-N,N-bis(hydroxyethyl)	90622-99-4	addition
		Fatty acids, C7-19, perfluoro	91032-01-8	addition
		Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs., aluminum salts	93062-53-4	addition
		1,1'-[oxybis[(1-methylethylene)oxy]]bis[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosadecafluoropentadecan-2-ol]	93776-00-2	addition
		(2-carboxylatoethyl)(dimethyl)[3-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosadecafluoro-2-hydroxypentadecyl)amino]propyl]ammonium	93776-12-6	addition
		(2-carboxylatoethyl)[3-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosadecafluoro-2-hydroxytridecyl)amino]propyl dimethylammonium	93776-13-7	addition
		(2-carboxylatoethyl)(dimethyl)[[[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosadecafluoro-2-hydroxy-14-(trifluoromethyl)pentadecyl]amino]propyl]mmonium	93776-15-9	addition
		bis(2-hydroxyethyl)methyl(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosadecafluoro-2-hydroxypentadecyl)ammonium	93776-16-0	addition
		[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosadecafluoro-2-hydroxytridecan-1-yl][bis(2-hydroxyethyl)]methylammonium iodide	93776-17-1	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosadecafluoro-2-hydroxytridecyl dihydrogen phosphate	94158-70-0	addition
		bis(2-hydroxyethyl)methyl[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosadecafluoro-2-hydroxy-14-(trifluoromethyl)pentadecyl]	94159-76-9	addition
		1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosadecafluoropentadecan-2-ol	94159-79-2	addition
		1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosadecafluorotridecan-2-ol	94159-80-5	addition
		1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosadecafluoro-14-(trifluoromethyl)pentadecan-2-ol	94159-82-7	addition
		1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-icosadecafluoro-12-(trifluoromethyl)tridecan-1-ol	94159-83-8	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosadecafluoro-2-hydroxypentadecyl dihydrogen phosphate	94200-42-7	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,16,16,17,17,17-nonacosadecafluoro-2-hydroxyheptadecyl dihydrogen phosphate	94200-43-8	addition
		Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosadecafluoro-2-hydroxytridecyl phosphate	94200-46-1	addition
		Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosadecafluoro-2-hydroxypentadecyl phosphate	94200-47-2	addition

<b>No.</b>	<b>Chemical Substance Group</b>	<b>Specific Chemical Substance</b>	<b>CAS No</b>	<b>Note</b>
183	C9-C14 PFCA-related substances	Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,17-nonacosafuoro-2-hydroxyheptadecyl phosphate	94200-48-3	addition
		Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-icosafuoro-2-hydroxy-12-(trifluoromethyl)tridecyl phosphate	94200-50-7	addition
		Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl phosphate	94200-51-8	addition
188	Bis(2-ethylhexyl) tetrabromophthalate	Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	addition
191	Perfluoroheptanoic acid and its salts	Perfluoroheptanoic acid	375-85-9	addition
		Sodium perfluoroheptanoate	20109-59-5	addition
		Ammonium perfluoroheptanoate	6130-43-4	addition
		Potassium perfluoroheptanoate	21049-36-5	addition
193	Per- and poly-fluoroalkyl substances (PFAS)	Pentadecafluorooctanoic acid	335-67-1	addition
		Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs., aluminum salts	93062-53-4	addition
		1,1'-[oxybis[(1-methylethylene)oxy]]bis[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosafuoropentadecan-2-ol]	93776-00-2	addition
		(2-carboxylatoethyl)(dimethyl)[3-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosafuoro-2-hydroxypentadecyl)amino]propyl]ammonium	93776-12-6	addition
		(2-carboxylatoethyl)[3-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosafuoro-2-hydroxytridecyl)amino]propyl]dimethylammonium	93776-13-7	addition
		(2-carboxylatoethyl)(dimethyl)[[[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl]amino]propyl]mmonium	93776-15-9	addition
		Diammonium 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl phosphate	93857-44-4	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,18,18,18-dotriacontafuoro-17-(trifluoromethyl)octadecyl acrylate	94158-63-1	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,16,16,16-octacosafuoro-15-(trifluoromethyl)hexadecyl methacrylate	94158-64-2	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,18,18,18-dotriacontafuoro-17-(trifluoromethyl)octadecyl methacrylate	94158-65-3	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosafuoro-2-hydroxytridecyl dihydrogen phosphate	94158-70-0	addition
		1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosafuoropentadecan-2-ol	94159-79-2	addition
		1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosafuorotridecan-2-ol	94159-80-5	addition
		1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-14-(trifluoromethyl)pentadecan-2-ol	94159-82-7	addition
		1-[[3-(dimethylamino)propyl]amino]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-icosafuoro-12-(trifluoromethyl)tridecan-1-ol	94159-83-8	addition
Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl phosphate	94200-45-0	addition		
Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosafuoro-2-hydroxytridecyl phosphate	94200-46-1	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosafluoro-2-hydroxypentadecyl phosphate	94200-47-2	addition
		Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,17-nonacosafluoro-2-hydroxyheptadecyl phosphate	94200-48-3	addition
		Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-icosafluoro-2-hydroxy-12-(trifluoromethyl)tridecyl phosphate	94200-50-7	addition
		Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafluoro-2-hydroxy-14-(trifluoromethyl)pentadecyl phosphate	94200-51-8	addition
		Diammonium 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,17,17,17-octacosafluoro-2-hydroxy-16-(trifluoromethyl)heptadecyl phosphate	94200-52-9	addition
		Carbamic acid, [2-(sulfothio)ethyl]-, C-(γ-ω-perfluoro-C6-9-alkyl) esters, monosodium salts	95370-51-7	addition
		Trimethoxy(1H,1H,2H,2H-heptadecafluorodecyl)silane	83048-65-1	addition
		Perfluorooctylethyldimethylchlorosilane	74612-30-9	addition
		Perfluorooctylethyldichloromethyl silane	3102-79-2	addition
		Butanoic acid, 3,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-2-(trifluoromethyl)-	1882109-59-2	addition
		Hexanoic acid, 2,2,4,4,5,5,6,6,6-nonafluoro-3,3-bis(trifluoromethyl)-	1812247-20-3	addition
		Hexanoic acid, 2,3,4,4,5,5,6,6,6-nonafluoro-2,3-bis(trifluoromethyl)-	1812247-18-9	addition
		Hexanoic acid, 2,2,3,3,4,5,6,6,6-nonafluoro-4,5-bis(trifluoromethyl)-	1144512-36-6	addition
		Hexanoic acid, 2,2,3,3,4,4,6,6,6-nonafluoro-5,5-bis(trifluoromethyl)-	1144512-34-4	addition
		Heptanoic acid, 2,2,3,3,4,4,5,6,6,7,7,7-dodecafluoro-5-(trifluoromethyl)-	909009-42-3	addition
		Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2-(trifluoromethyl)-	207678-51-1	addition
		Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-	35605-76-6	addition
		Ethanaminium, N,N,N-triethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)	98241-25-9	addition
		Decanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	27854-31-5	addition
		2-Decenoic acid, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hexadecafluoro-	70887-84-2	addition
		1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1-(dihydrogen phosphate)	57678-03-2	addition
		Hexanoic acid, 2,3,3,4,4,5,6,6,6-nonafluoro-2,5-bis(trifluoromethyl)-	1882109-80-9	addition
		1-Propanaminium,N,N,N-trimethyl-3- [(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl) amino]-, chloride (1:1)	53517-98-9	addition
		1-Propanesulfonic acid,3-[ethyl (2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-,sodium salt (1:1)	89685-61-0	addition
		Phosphine, tris[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]-	325459-92-5	addition
		Palladium, dichlorobis[tris[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]phosphine-kP]-	326475-46-1	addition
		Butanoic acid, 3,3,4,4,4-pentafluoro-2,2-bis(1,1,2,2,2-pentafluoroethyl)-	1882109-58-1	addition
		Hexanoic acid, 2,3,3,4,5,5,6,6,6-nonafluoro-2,4-bis(trifluoromethyl)-	1812247-19-0	addition
		Hexanoic acid, 3,3,4,4,5,5,6,6,6-nonafluoro-2,2-bis(trifluoromethyl)-	1812247-17-8	addition
		Hexanoic acid, 2,2,3,3,5,5,6,6,6-nonafluoro-4,4-bis(trifluoromethyl)-	1192593-79-5	addition

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	Hexanoic acid, 2,2,3,4,4,5,6,6,6-nonafluoro-3,5-bis(trifluoromethyl)-	1144512-35-5	addition
		Heptanoic acid, 2,2,3,3,4,5,5,6,6,7,7,7-dodecafluoro-4-(trifluoromethyl)-	1144512-18-4	addition
		Heptanoic acid, 2,2,3,4,4,5,5,6,6,7,7,7-dodecafluoro-3-(trifluoromethyl)-	705240-04-6	addition
		Isooctanoic acid, pentadecafluoro-	123116-17-6	addition
		Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-	15166-06-0	addition
		Octadecanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	99955-83-6	addition
		Pentanedioic acid, 3-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]-2-oxoethyl]-3-hydroxy-, 1,5-bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester	302911-86-0	addition
		1,3-Propanediol, 2,2-bis[[γ-ω-perfluoro-C4–10-alkyl]thio]methyl] derivatives, phosphates, ammonium salts	148240-85-1	addition
		1,3-Propanediol, 2,2-bis[[γ-ω-perfluoro-C6–12-alkyl]thio]methyl] derivatives, phosphates, ammonium salts	148240-87-3	addition
		1,3-Propanediol, 2,2-bis[[γ-ω-perfluoro-C10-20-alkyl]thio]methyl] derivs., phosphates, ammonium salts	148240-89-5	addition
		Oxirane, methyl-, polymer with oxirane, mono[2-hydroxy-3-[(γ-ω-perfluoro-C8-20-alkyl)thio]propyl] ethers	183146-60-3	addition
		Pentanoic acid, 4,4-bis[(γ-ω-perfluoro-C8-20-alkyl)thio]derivs., compds. with diethanolamine	71608-61-2	addition
		2-Propenoic acid, 2-methyl-, C10-16-alkyl esters, polymers with 2-hydroxyethyl methacrylate, Me methacrylate and γ-ω-perfluoro-C8-14-alkyl acrylate	129783-45-5	addition
		2-Propenoic acid, dodecyl ester, polymers with Bu (1-oxo-2-propenyl)carbamate and γ-ω-perfluoro-C8-14-alkyl acrylate	144031-01-6	addition
		2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, homopolymer	74049-08-4	addition
		2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate	65104-45-2	addition
		2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl ester, polymer with 2-propenoic acid	53515-73-4	addition
		Hexanoic acid, 2,2,3,4,5,5,6,6,6-nonafluoro-3,4-bis(trifluoromethyl)-	1882109-81-0	addition
		Hexanoic acid, 2,2,3,3,4,5,5,6,6,6-decafluoro-4-(1,1,2,2,2-pentafluoroethyl)-	1882109-79-6	addition
		Hexanoic acid, 2,2,3,4,4,5,5,6,6,6-decafluoro-3-(1,1,2,2,2-pentafluoroethyl)-	1882109-78-5	addition
		Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-(1,1,2,2,3,3,3-heptafluoropropyl)-	1882109-77-4	addition
		Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-	1882109-76-3	addition
		Pentanoic acid, 2,2,3,5,5,5-hexafluoro-3,4,4-tris(trifluoromethyl)-	1882109-75-2	addition
Pentanoic acid, 2,2,4,5,5,5-hexafluoro-3,3,4-tris(trifluoromethyl)-	1882109-74-1	addition		
Pentanoic acid, 2,3,3,5,5,5-hexafluoro-2,4,4-tris(trifluoromethyl)-	1882109-73-0	addition		
Pentanoic acid, 2,3,4,5,5,5-hexafluoro-2,3,4-tris(trifluoromethyl)-	1882109-72-9	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	Pentanoic acid, 2,4,4,5,5,5-hexafluoro-2,3,3-tris(trifluoromethyl)-	1882109-71-8	addition
		Pentanoic acid, 3,3,4,4,5,5-hexafluoro-2,2,4-tris(trifluoromethyl)-	1882109-70-7	addition
		Pentanoic acid, 2,2,3,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-	1882109-68-3	addition
		Pentanoic acid, 2,2,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-	1882109-67-2	addition
		Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-	1882109-66-1	addition
		Pentanoic acid, 2,3,3,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-	1882109-65-0	addition
		Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-	1882109-64-9	addition
		Pentanoic acid, 3,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-	1882109-63-8	addition
		Pentanoic acid, 3,4,4,5,5,5-hexafluoro-2,2,3-(trifluoromethyl)-	1882109-69-4	addition
		Butanoic acid, 4,4,4-trifluoro-2,2,3,3-tetrakis(trifluoromethyl)-	1882109-62-7	addition
		Butanoic acid, 2,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-(trifluoromethyl)-	1882109-61-6	addition
		Butanoic acid, 2,3,3,4,4,4-hexafluoro-2-[2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethyl]-	1882109-60-5	addition
		Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)- ammonium salt (1:1)	13058-06-5	addition
		Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)- sodium salt (1:1)	1195164-59-0	addition
		Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)- ammonium salt (1:1)	19742-57-5	addition
		Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)- iron salt (1:x)	61436-04-2	addition
		Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)- potassium salt (1:1)	29457-73-6	addition
		Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)- sodium salt (1:1)	18017-22-6	addition
		Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)- chromium salt (1:x)	15739-82-9	addition
		Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)- aluminum salt (3:1)	15715-47-6	addition
		Bis(perfluorooctyl)phosphinic acid	40143-79-1	addition
		Perfluorohexylperfluorooctyl phosphinate	610800-34-5	addition
		Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-tricosafuoro-11-iodo-	307-50-6	addition
		Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15-hentriacontafuoro-15-iodo-	335-79-5	addition
		Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13-alkyl iodides, C10-12, $\nu$ - $\omega$ -perfluoro	376-04-5	addition
		Alkyl iodides, C10-12, $\nu$ - $\omega$ -perfluoro	68390-33-0	addition
		2-Dodecenoic acid, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	70887-94-4	addition
		Dodecanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	53826-13-4	addition
		2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, hexadecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, octadecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate	115592-83-1	addition

<b>No.</b>	<b>Chemical Substance Group</b>	<b>Specific Chemical Substance</b>	<b>CAS No</b>	<b>Note</b>
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, alpha-(2-methyl-1-oxo-2-propenyl)-omega-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1, 2-ethanediy), 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16, 16-nonacosafluorohexadecyl 2-propenoate, octadecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluorotetradecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16, 17,17,18,18,18-tritriacontafluorooctadecyl 2-propenoate	116984-14-6	addition
		2-Propenoic acid, 2-methyl-, C10-16-alkyl esters, polymers with 2-hydroxyethylmethacrylate, Me methacrylate and perfluoro-C8-14-alkyl acrylate	125328-29-2	addition
		Heptadecafluoro-1-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)oxy]nonene	84029-60-7	addition
		Triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)silane	101947-16-4	addition
		1H,1H,2H,2H-Perfluorodecyltrichlorosilane	78560-44-8	addition
		2-Propenoic acid, $\gamma$ -w-perfluoro-C8-14-alkyl esters	85631-54-5	addition
		2-Propenoic acid, perfluoro-C8-16-alkyl esters	85681-64-7	addition
		N-(3-aminopropyl)-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanamide	85938-56-3	addition
		Octanoic acid, pentadecafluoro-, branched	90480-55-0	addition
		Octanoic acid, pentadecafluoro-, branched, ammonium salt	90480-56-1	addition
		Alkyl iodides, C6-18, perfluoro	90622-71-2	addition
		Amides, C7-19, $\alpha$ -w-perfluoro-N,N-bis(hydroxyethyl)	90622-99-4	addition
		Fatty acids, C7-19, perfluoro	91032-01-8	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,16,16,16-octacosafuoro-15-(trifluoromethyl)hexadecyl acrylate	91615-22-4	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl methacrylate	6014-75-1	addition
		3,4-bis[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]benzenesulphonyl chloride	24216-05-5	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,17,17, 17-octacosafuoro-2-hydroxy-16-(trifluoromethyl)heptadecyl acrylate	16083-78-6	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl acrylate	16083-87-7	addition
		Propanamide, 3-[( $\gamma$ -w-perfluoro-C4-10-alkyl)thio] derivs.	68187-42-8	addition
		Alkyl iodides, C4-20, $\gamma$ -w-perfluoro	68188-12-5	addition
		Fatty acids, C7-13, perfluoro	68333-92-6	addition
		Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs.	68412-69-1	addition
		1-(carboxylatomethyl)-1-(2-hydroxyethyl)-4-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-1-oxodecyl)piperazinium	71356-38-2	addition
		Carboxylic acids, C7-13, perfluoro, ammonium salts	72968-38-8	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-icosafuoro-11-(trifluoromethyl)dodecyl methacrylate	74256-14-7	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-tetracosafuoro-13-(trifluoromethyl)tetradecyl methacrylate	74256-15-8	addition
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl acrylate	27905-45-9	addition		

<b>No.</b>	<b>Chemical Substance Group</b>	<b>Specific Chemical Substance</b>	<b>CAS No</b>	<b>Note</b>
193	Per- and poly-fluoroalkyl substances (PFAS)	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodotetradecane	30046-31-2	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecene	30389-25-4	addition
		Perfluorooctanoic anhydride	33496-48-9	addition
		2-carboxyethylbis(2-hydroxyethyl)-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]propylammonium hydroxide	39186-68-0	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecanol	39239-77-5	addition
		N-[3-[bis(2-hydroxyethyl)amino]propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanamide	41358-63-8	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-tetracosafuoro-13-(trifluoromethyl)tetradecyl acrylate	52956-82-8	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl dihydrogen phosphate	57678-05-4	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecanol	60699-51-6	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-icosafuoro-2-hydroxy-12-(trifluoromethyl)tridecyl dihydrogen phosphate	63295-27-2	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl dihydrogen phosphate	63295-28-3	addition
		4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,17,17,17-octacosafuoro-2-hydroxy-16-(trifluoromethyl)heptadecyl dihydrogen phosphate	63295-29-4	addition
		1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-16-iodohexadecane	65510-55-6	addition
		1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluoro-11-iodoundecane	65510-56-7	addition
		Chromium(3+) perfluorooctanoate	68141-02-6	addition
		Icosafuoro-10-iodo-2-(trifluoromethyl)decane	677-93-0	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecan-1-ol	678-39-7	addition
		Bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) hydrogen phosphate	678-41-1	addition
		1-bromohenicosafuorodecane	307-43-7	addition
		1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-12-iodododecane	307-60-8	addition
		Nonacosafuoro-1-iodotetradecane	307-63-1	addition
		Pentadecafluorooctyl fluoride	335-66-0	addition
		Silver(1+) perfluorooctanoate	335-93-3	addition
		Sodium pentadecafluorooctanoate	335-95-5	addition
		Methyl perfluorooctanoate	376-27-2	addition
		Henicosafuoro-10-iododecane	423-62-1	addition
		Heptadecafluoro-1-iodooctane	507-63-1	addition
		Nonadecafluoro-9-iodononane	558-97-4	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl methacrylate	1996-88-9	addition
		1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iododecane	2043-53-0	addition
		1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-henicosafuoro-12-	2043-54-1	addition
		Potassium perfluorooctanoate	2395-00-8	addition
		Ethyl perfluorooctanoate	3108-24-5	addition
		1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-tetracosafuoro-12-iodo-2-(trifluoromethyl)dodecane	3248-61-1	addition
		Octacosafuoro-14-iodo-2-(trifluoromethyl)tetradecane	3248-63-3	addition
		Ammonium pentadecafluorooctanoate	3825-26-1	addition
		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecyl methacrylate	4980-53-4	addition
		N-ethylheptadecafluorooctanesulphonamide	4151-50-2	addition
		N-(2-hydroxyethyl)-N-methylperfluorooctane sulfonamide	24448-09-7	addition
		N-Ethyl-N-(2-hydroxyethyl) perfluorooctane sulfonamide	1691-99-2	addition

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	N-Methylperfluorooctane sulfonamide	31506-32-8	addition
		Perfluorooctane sulfonic acid and its salts	1763-23-1	addition
		Magnesium bis(perfluorooctane-1-sulfonate)	91036-71-4	addition
		Sodium perfluorooctane sulfonate	4021-47-0	addition
		perfluorooctane sulfonyl fluoride	307-35-7	addition
		Potassium perfluorooctane sulfonate	2795-39-3	addition
		diethanolammonium perfluorooctane sulfonate	70225-14-8	addition
		Piperidin-1-ium perfluorooctane-1-sulfonate	71463-74-6	addition
		ammonium perfluorooctane sulfonate	29081-56-9	addition
		didecyldimethylammonium perfluorooctane sulfonate	251099-16-8	addition
		tetraethylammonium perfluorooctane sulfonate	56773-42-3	addition
		Potassium perfluorooctane sulfonate	2795-39-3	addition
		lithium perfluorooctane sulfonate	29457-72-5	addition
		Pentacosafuorotridecanoic acid	72629-94-8	addition
		Tricosafuorododecanoic acid	307-55-1	addition
		Henicosafuoroundecanoic acid	2058-94-8	addition
		Perfluorononan-1-oic acid	375-95-1	addition
		Heptacosafuorotetradecanoic acid	376-06-7	addition
		Nonadecafluorodecanoic acid	335-76-2	addition
		Sodium,2-methylpropane-1-sulfonate	68187-47-3	addition
		1,1,2,2-Tetrahydroperfluoroalkyl (C8-C14) alcohol	68391-08-2	addition
		Thiols, C8-20, gamma-omega-perfluoro, telomers with acrylamide	70969-47-0	addition
		Silicic acid (H 4 SiO 4), sodium salt (1:2), reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol	125476-71-3	addition
		Thiols, C4-20, gamma-omega-perfluoro, telomers with acrylamide and acrylic acid, sodium salts	1078712-88-5	addition
		1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(2-((gamma-omega-perfluoro-C4-20-alkyl)thio)acetyl) derivs., inner salts	1078715-61-3	addition
		Ethanol, 2,2'-iminobis-, compd. with a-fluoro-ω-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (2:1)	65530-63-4	addition
		Pentadecanoic acid, nonacosafuoro-	141074-63-7	addition
		Hexadecanoic acid, hentriacontafluoro-	67905-19-5	addition
		Perfluoroheptadecanoic acid	57475-95-3	addition
		Octadecanoic acid, pentatriacontafluoro-	16517-11-6	addition
		Perfluorononadecanoic acid	133921-38-7	addition
		Eicosanoic acid, nonatriacontafluoro-	68310-12-3	addition
		Ethanol, 2,2'-iminobis-, compd. with a,a'-[phosphinicobis(oxy-2,1-ethanediy)]bis[ω-fluoropoly(difluoromethylene)] (1:1)	65530-64-5	addition
		Poly(difluoromethylene), a-[2-[(2-carboxyethyl)thio]ethyl]-ω-fluoro-, lithium salt	65530-69-0	addition
		Poly(difluoromethylene), a,a'-[phosphinicobis(oxy-2,1-ethanediy)]bis[ω-fluoro-, ammonium salt	65530-70-3	addition
Poly(difluoromethylene), a-fluoro-ω-[2-(phosphonooxy)ethyl]-, monoammonium salt	65530-71-4	addition		
Poly(difluoromethylene), a-fluoro-ω-[2-(phosphonooxy)ethyl]-, diammonium salt	65530-72-5	addition		
Ethanol, 2,2'-iminobis-, compd. with a-fluoro-ω-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (1:1)	65530-74-7	addition		
Poly(difluoromethylene), a-[2-[(2-carboxyethyl)thio]ethyl]-ω-fluoro-	65530-83-8	addition		
Perfluorononan-1-oic acid, sodium salt	21049-39-8	addition		
Perfluorononan-1-oic acid, ammonium salt	4149-60-4	addition		
Sodium nonadecafluorodecanoate	3830-45-3	addition		
Ammonium nonadecafluorodecanoate	3108-42-7	addition		
1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,11,11,12,12,12-heneicosafuoro-	865-86-1	addition		
2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,11,11,12,12,12- heneicosafuorododecyl ester	2144-54-9	addition		



№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2- Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-heneicosafuorododecylester	17741-60-5	addition
		bis[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl] hydrogen phosphate	1895-26-7	addition
		bis(4-tert-butylphenyl)iodonium nonafluorobutane-1-sulfonate	194999-85-4	addition
		tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	220689-12-3	addition
		dimethyl(phenyl)sulfanium perfluorobutanesulfonate	220133-51-7	addition
		1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate	209482-18-8	addition
		Triphenylsulfanium perfluorobutane sulfonate	144317-44-2	addition
		1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	375-73-5	addition
		magnesium perfluorobutanesulfonate	507453-86-3	addition
		lithium perfluorobutanesulfonate	131651-65-5	addition
		morpholinium perfluorobutanesulfonate	503155-89-3	addition
		Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	29420-49-3	addition
		Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	68259-10-9	addition
		N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	25628-08-4	addition
		N,N-Bis(2-hydroxyethyl) perfluorobutane-1-sulfonamide	34455-00-0	addition
		Perfluorobutane sulfonyl fluoride	375-72-4	addition
		N-Methyl perfluorobutane sulfonamidoethyl methacrylate	67584-59-2	addition
		N-Methyl perfluorobutane sulfonamidoethyl acrylate	67584-55-8	addition
		N-Methyl perfluorobutane sulfonamidoethanol	34454-97-2	addition
		undecafluorohexanoic acid	307-24-4	addition
		ammonium undecafluorohexanoate	21615-47-4	addition
		ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	62037-80-3	addition
		potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	67118-55-2	addition
		2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	2062-98-8	addition
		2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid	13252-13-6	addition
		Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-	75579-40-7	addition
		Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-	75579-39-4	addition
		undecafluorohexanoic acid (PFHxA), its salts and related substances	307-24-4	addition
		Sodium undecafluorohexanoate	2923-26-4	addition
		undecafluorohexanoic acid	307-24-4	addition
		ammonium undecafluorohexanoate	21615-47-4	addition
		perfluorohexanoyl fluoride	355-38-4	addition
		6:2 fluorotelomer phosphate monoester	57678-01-0	addition
		triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-(perfluorohexyl)octane	51851-37-7	addition
		(perfluorohexyl)hexadecane	133331-77-8	addition
		(perfluorohexyl)hexadecane	133310-71-1	addition
		6:2 fluorotelomer aldehyde	56734-81-7	addition
		6:2 fluorotelomer unsaturated aldehyde	69534-12-9	addition
		perfluoroheptanal	63967-41-9	addition
		6:2 fluorotelomer carboxylic acid	53826-12-3	addition
		6:2 fluorotelomer unsaturated carboxylic acid	70887-88-6	addition
		6:2 fluorotelomer olefin	25291-17-2	addition
		6:2 fluorotelomer alcohol	647-42-7	addition
		6:2 fluorotelomer acrylate	17527-29-6	addition
		6:2 fluorotelomer methacrylate	2144-53-8	addition
		4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononanoic acid	27854-30-4	addition
		Perfluorohexanesulphonyl fluoride (the raw material for PFHxS and PFHxS-related substances)	423-50-7	addition
		1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro	41997-13-1	addition
Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0	addition		
1-Hexanesulfinic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (2:1)	86525-30-6	addition		
Tridecafluoro-Nmethylhexanesulphonamide	68259-15-4	addition		
Ammonium perfluorohexane-1-sulphonate	68259-08-5	addition		
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1000597-52-3	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid	108427-54-9	addition
		Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	108427-55-0	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	1187817-57-7	addition
		Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-24-0	addition
		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-27-3	addition
		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1310480-28-4	addition
		Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-45-0	addition
		Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	1329995-69-8	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	41242-12-0	addition
		Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	421555-73-9	addition
		Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic	421555-74-0	addition
		Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	425670-70-8	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	55120-77-9	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	70136-72-0	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	72033-41-1	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5	addition
		Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9Cl)	866621-50-3	addition
		Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	910606-39-2	addition
		Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	911027-68-4	addition
		Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5	addition
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	92011-17-1	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	928049-42-7	addition
		Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	144116-10-9	addition
		Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	1462414-59-0	addition
		Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	153443-35-7	addition
		Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	189274-31-5	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2-methyl-2-propanamine (1:1)	202189-84-2	addition
		Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	213740-81-9	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)	341035-71-0	addition
		Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	341548-85-4	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	350836-93-0	addition
		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	41184-65-0	addition
		Potassium perfluorohexane-1-sulphonate	3871-99-6	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-[4,7-dimethyl-4-[[1-methylpropylidene)amino]oxy]-3,5-dioxa-6-aza-4-silanon-6-en-1-yl]-N-ethyl	944578-05-6	addition
		Sulfonic acids, C6-12-alkane, perfluoro	93572-72-6	addition
		Isoxazolidine, 4-(4-methoxyphenyl)-2-methyl-5-[[1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	93416-31-0	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with epichlorohydrin, adipates (esters)	91081-99-1	addition
		2,4-Pentanedione, 3-[1-(2-furanyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-64-9	addition
		2,4-Pentanedione, 3-[1-(2-thienyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-63-8	addition
		Furan, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-56-9	addition
		Thiophene, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-55-8	addition
		Benzene, 1-methyl-4-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-50-3	addition
		Furan, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-49-0	addition
		Thiophene, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-48-9	addition
		Benzene, 1-methoxy-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-52-2	addition
Benzene, 1-methyl-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-51-1	addition		
Furan, 2-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-48-6	addition		
Thiophene, 2-[2-[(tridecafluorohexyl)sulfonyl]ethenyl]-	86525-43-1	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	Glycine, N-propyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, potassium salt (1:1)	85665-66-3	addition
		1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-propyl	85665-64-1	addition
		1-Propanaminium, N-(2-hydroxyethyl)-3-[(2-hydroxy-3-sulfopropyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]- N,N-dimethyl-, hydroxide, sodium salt (1:1:1)	81190-38-7	addition
		1-Propanesulfonic acid, 3-[methyl[3-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]propyl]amino]-, sodium salt (1:1	80621-17-6	addition
		1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, lithium salt	117806-54-9	addition
		2-Propenoic acid, 2-methyl-, polymers with butyl methacrylate, lauryl methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate	127133-66-8	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-(oxiranylmethyl)	129813-71-4	addition
		1-Octanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-	13417-01-1	addition
		2-Propenoic acid, 2-methyl-, 2-[[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester	14650-24-9	addition
		Fatty acids, C18-unsaturated, trimers, 2-[[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl esters	148240-78-2	addition
		Fatty acids, C18-unsaturated, trimers, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl esters	148240-80-6	addition
		Fatty acids, C18-unsaturated, trimers, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl esters	148240-81-7	addition
		Fatty acids, C18-unsaturated, trimers, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl esters	148240-82-8	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 1,6-diisocyanatohexane homopolymer and ethylene glycol	148684-79-1	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 2-ethyl-1-hexanol and polymethylenepolyphenylene isocyanate	160901-25-7	addition
		1-Propanaminium, 3-[[[heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-, iodide	1652-63-7	addition
		1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-, ammonium salt	17202-41-4	addition
		1-Octanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt	178094-69-4	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl)-, polymers with 1,1'-methylenebis[4-isocyanatobenzene] and polymethylenepolyphenylene isocyanate, 2-ethylhexyl esters, methyl ethyl ketone oxime-blocked	178535-22-3	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl], potassium salts	179005-06-2	addition
		1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-methyl-, reaction products with benzene-chlorine-sulfur chloride (S2Cl2) reaction products chlorides	182700-90-9	addition
Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]-, ethyl ester	1869-77-8	addition		
2-Propenoic acid, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	1893-52-3	addition		
Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethylamino)propyl], reaction products with acrylic acid	192662-29-6	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	Carbamic acid, N,N'-(4-methyl-1,3-phenylene)bis-, C,C'-bis[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl] ester	21055-88-9	addition
		1-Octanesulfonamide, N,N',N'-[phosphinylidynetris(oxy-2,1-ethanediyl)]tris[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-	2250-98-8	addition
		1-Octanesulfonamide, N-butyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-	2263-09-4	addition
		1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-2-propen-1-yl-	24924-36-5	addition
		2-Propenoic acid, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester	25268-77-3	addition
		1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-	2706-91-4	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	29117-08-6	addition
		1-Octanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-	2965-52-8	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]-	2991-50-6	addition
		Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt	2991-51-7	addition
		Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, ammonium salt	2991-52-8	addition
		1-Octanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ammonium salt	30381-98-7	addition
		Fatty acids, linseed-oil, dimers, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl esters	306973-46-6	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 12-hydroxystearic acid and 2,4-TDI, ammonium salts	306973-47-7	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-[(3-octadecyl-2-oxo-5-oxazolidinyl)methyl]	306974-19-6	addition
		Siloxanes and Silicones, dimethyl, mono[3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group]-terminated, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and stearyl methacrylate	306974-28-7	addition
		Sulfonic acids, C6-8-alkane, perfluoro, compounds with polyethylene-polypropylene glycol bis(2-aminopropyl) ether	306974-45-8	addition
		Fatty acids, C18-unsaturated, dimers, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl esters	306974-63-0	addition
		Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and N,N',2-tris(6-isocyanatohexyl)imidodicarbonic diamide, reaction products with N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide and N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-1-heptanesulfonamide, compounds with triethylamine	306975-56-4	addition
		Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymer with 1,1'-methylenebis[4-isocyanatobenzene] and 1,2,3-propanetriol, reaction products with N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide and N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-1-heptanesulfonamide, compounds with morpholine	306975-57-5	addition

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride	306975-62-2	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, polymer with 1,6-diisocyanatohexane, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkane sulfonamides-blocked	306975-84-8	addition
		2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with N-(hydroxymethyl)-2-propenamide, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate, stearyl methacrylate and vinylidene chloride	306975-85-9	addition
		1-Hexadecanaminium, N,N-dimethyl-N-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-, bromide, polymers with butyl acrylate, butyl methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	306976-25-0	addition
		2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with 2,4-diisocyanato-1-methylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 2-propenoic acid, N-ethyl-N-(hydroxyethyl)perfluoro-C4-8-alkanesulfonamides-blocked	306976-55-6	addition
		2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, telomer with 2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate and 1-octanethiol, N-oxides	306977-10-6	addition
		2-Propenoic acid, 2-methyl-, 3-(trimethoxysilyl)propyl ester, polymers with acrylic acid, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and propylene glycol monoacrylate, hydrolyzed, compounds with 2,2'-(methylimino)bis[ethanol]	306977-58-2	addition
		2-Propenoic acid, butyl ester, polymers with acrylamide, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride	306978-04-1	addition
		Hexane, 1,6-diisocyanato-, homopolymer, N-(hydroxyethyl)-N-methyl perfluoro-C4-8-alkane sulfonamides- and stearyl alcohol-blocked	306978-65-4	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-[2-(methylamino)ethyl]-, .omega.-[(1,1,3,3-tetramethylbutyl)phenoxy]-, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivatives	306979-40-8	addition
		Sulfonamides, C4-8-alkane, perfluoro, N,N'-[1,6-hexanediy]bis[(2-oxo-3,5-oxazolidinediy)methylene]]bis[N-methyl-	306980-27-8	addition
		1-Decanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro-	307-51-7	addition
		Cyclohexanesulfonic acid, 1,2,2,3,3,4,4,5,5,6,6-undecafluoro-, potassium salt (1:1)	3107-18-4	addition
		Cyclohexanesulfonic acid, 1,2,2,3,3,4,4,5,5,6,6-decafluoro-4-(1,1,2,2,2-pentafluoroethyl)-, potassium salt (1:1)	335-24-0	addition
		1-Heptanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	335-71-7	addition
		1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro-	335-77-3	addition
1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-2-propen-1-yl-	335-97-7	addition		
1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-	34455-03-3	addition		
Cyclohexanesulfonyl fluoride, 1,2,2,3,3,4,4,5,5,6,6-undecafluoro-	355-03-3	addition		
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	355-46-4	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	Poly[oxy(methyl-1,2-ethanediyl), .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	37338-48-0	addition
		1-Pentanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-	375-81-5	addition
		1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	375-92-8	addition
		2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester	376-14-7	addition
		1-Propanaminium, 3-[[heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-, chloride	38006-74-5	addition
		2-Propenoic acid, 2-[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester	383-07-3	addition
		1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[2-(phosphonooxy)ethyl]-	3820-83-5	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]-, sodium salt (1:1)	3871-50-9	addition
		1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, potassium salt (1:1)	3872-25-1	addition
		1-Propanaminium, 3-[(carboxymethyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-N,N,N-trimethyl-, inner salt	38850-52-1	addition
		1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-3-[(3-sulfopropyl)[(tridecafluorohexyl)sulfonyl]amino]-, inner salt	38850-58-7	addition
		1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-	38850-60-1	addition
		2-Propenoic acid, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester	423-82-5	addition
		1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-2-propen-1-yl-	423-86-9	addition
		1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	50598-28-2	addition
		1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(phenylmethyl)-	50598-29-3	addition
		Benzenesulfonic acid, [[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]methyl]-, sodium salt (1:1)	51032-47-4	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]carbonyl]-.omega.-butoxy-	52032-20-9	addition
		1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, chloride (1:1)	52166-82-2	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-[2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]propylamino]ethyl]-.omega.-hydroxy-	52550-45-5	addition
		Glycine, N-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]-N-propyl-, potassium salt (1:1)	55910-10-6	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	56372-23-7	addition
		Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[heptadecafluorooctyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, monopotassium salt	57589-85-2	addition
		2-Propenoic acid, 4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]butyl ester	58920-31-3	addition
		2-Propenoic acid, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	59071-10-2	addition
		1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, potassium salt (1:1)	60270-55-5	addition

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 2-methyl-, 4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]butyl ester	61577-14-8	addition
		1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[3-(trimethoxysilyl)propyl]-	61660-12-6	addition
		2-Propenoic acid, 2-[[[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-eicosaflluoroundecyl)sulfonyl]methylamino]ethyl ester	66008-68-2	addition
		2-Propenoic acid, 2-[[[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononyl)sulfonyl]methylamino]ethyl ester	66008-69-3	addition
		2-Propenoic acid, 2-[methyl[(2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptyl)sulfonyl]amino]ethyl ester	66008-70-6	addition
		Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt	67584-42-3	addition
		1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-2-propen-1-yl-	67584-48-9	addition
		1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-2-propen-1-yl-	67584-49-0	addition
		1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-[3-(trichlorosilyl)propyl]-	67584-50-3	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]-, potassium salt (1:1)	67584-52-5	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, potassium salt (1:1)	67584-53-6	addition
		1-Heptanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	67584-54-7	addition
		2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl ester	67584-56-9	addition
		2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-57-0	addition
		1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]-, iodide (1:1)	67584-58-1	addition
		2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl ester	67584-60-5	addition
		2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-61-6	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]-, potassium salt (1:1)	67584-62-7	addition
		2-Propenoic acid, 2-methyl-, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butyl ester	67906-38-1	addition
		2-Propenoic acid, 2-methyl-, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]butyl ester	67906-40-5	addition
1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-2-propen-1-yl-	67906-41-6	addition		
1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosaflluoro-, ammonium salt	67906-42-7	addition		
2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67906-70-1	addition		
2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester, polymer with octadecyl 2-propenoate and 2-propenoic acid	67906-71-2	addition		
2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl ester	67906-73-4	addition		



№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl ester, polymer with octadecyl 2-propenoate and 2-propenoic acid	67906-74-5	addition
		1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-[2-(phosphonooxy)ethyl]-	67923-61-9	addition
		2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	67939-36-0	addition
		2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl ester, polymer with octadecyl 2-propenoate and 2-propenoic acid	67939-37-1	addition
		1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[3-(trichlorosilyl)propyl]-	67939-42-8	addition
		2-Propenoic acid, 2-methyl-, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl ester	67939-61-1	addition
		1-Pentanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediy)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-	67939-87-1	addition
		1-Octanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, hydrochloride (1:1)	67939-88-2	addition
		1-Pentanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-[2-(phosphonooxy)ethyl]-	67939-90-6	addition
		1-Hexanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediy)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	67939-92-8	addition
		1-Heptanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediy)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	67939-93-9	addition
		1-Heptanesulfonamide, N,N',N''-[phosphinylidynetris(oxy-2,1-ethanediy)]tris[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	67939-94-0	addition
		2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	67939-96-2	addition
		1-Heptanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediy)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt (1:1)	67939-97-3	addition
		1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-[2-(phosphonooxy)ethyl]-, ammonium salt (1:2)	67939-98-4	addition
		1-Heptanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, hydrochloride (1:1)	67940-02-7	addition
		1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-(phosphonooxy)ethyl]-	67969-65-7	addition
		1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[2-(phosphonooxy)ethyl]-, diammonium salt	67969-69-1	addition
		Carbamic acid, N,N'-(4-methyl-1,3-phenylene)bis-, bis[2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl] ester	68081-83-4	addition
		2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	68084-62-8	addition
		Cyclohexanesulfonyl fluoride, nonafluorobis(trifluoromethyl)-	68156-00-3	addition
		Cyclohexanesulfonic acid, nonafluorobis(trifluoromethyl)-, potassium salt	68156-01-4	addition
		Cyclohexanesulfonyl fluoride, decafluoro-1,1,2,2,2-(pentafluoroethyl)-	68156-06-9	addition
		Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt (1:1)	68156-07-0	addition

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl	68227-87-2	addition
		2-Propenoic acid, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.	68227-94-1	addition
		2-Propenoic acid, butyl ester, telomer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,4-butanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,4-butanediyl), 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	68227-96-3	addition
		2-Propenoic acid, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butyl ester	68227-97-4	addition
		2-Propenoic acid, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl ester	68227-98-5	addition
		2-Propenoic acid, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]butyl ester	68227-99-6	addition
		2-Propenoic acid, ethyl ester, polymer with 4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]butyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]butyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,4-butanediyl), .alpha.-(2-methyl	68228-00-2	addition
		1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(4-hydroxybutyl)-N-methyl-	68239-72-5	addition
		1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(4-hydroxybutyl)-N-methyl-	68239-73-6	addition
		1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(4-hydroxybutyl)-N-methyl-	68239-74-7	addition
		1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-[3-(trimethoxysilyl)propyl]-	68239-75-8	addition
		1-Nonanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-	68259-06-3	addition
		1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt (1:1)	68259-07-4	addition
1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, ammonium salt (1:1)	68259-09-6	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-	68259-12-1	addition
		1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-methyl-	68259-14-3	addition
		1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-	68259-15-4	addition
		Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	68259-38-1	addition
		Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	68259-39-2	addition
		2-Propenoic acid, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester	68298-06-6	addition
		1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(phenylmethyl)-	68298-08-8	addition
		1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(phenylmethyl)-	68298-09-9	addition
		1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(phenylmethyl)-	68298-10-2	addition
		1-Propanaminium, 3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl](3-sulfopropyl)amino]-N-(2-hydroxyethyl)-N,N-dimethyl-, inner salt	68298-11-3	addition
		1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-methyl-	68298-13-5	addition
		2-Propenoic acid, 2-[butyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	68298-60-2	addition
		2-Propenoic acid, 2-[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[butyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, methyloxirane polymer with oxirane di-2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol	68298-62-4	addition
		2-Propenoic acid, 2-methyl-, 2-[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl ester,telomer with butyl 2-propenoate, 2-[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,4,4-nonadecafluorobutyl)sulfonyl]amino]ethoxy]carbon	68298-78-2	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	68298-80-6	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	68298-81-7	addition
		1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(4-hydroxybutyl)-N-methyl-	68298-89-5	addition
		Benzenesulfonic acid, [[[[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]methyl]-, sodium salt (1:1)	68299-20-7	addition
Benzenesulfonic acid, [[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]methyl]-, sodium salt (1:1)	68299-21-8	addition		
Benzenesulfonic acid, ar-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]methyl]-, sodium salt (1:1)	68299-29-6	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 2-methyl-, 4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]butyl ester, telomer with butyl 2-propenoate, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,4-butanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,4-butanediyl), 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	68299-39-8	addition
		1-Heptanesulfonamide, N-butyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-	68310-02-1	addition
		Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-	68310-17-8	addition
		1-Propanaminium, 3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-, iodide, ammonium salt (1:1:1)	68310-75-8	addition
		Cyclohexanesulfonyl fluoride, decafluoro(trifluoromethyl)-	68318-34-3	addition
		1-Propanaminium, 3-[(carboxymethyl)[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-, inner salt	68318-36-5	addition
		2-Propenoic acid, eicosyl ester, polymer with 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, hexadecyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate, and octadecyl 2-propenoate	68329-56-6	addition
		Sulfonic acids, C6-12-alkane, perfluoro, potassium salts	68391-09-3	addition
		Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, potassium salt (1:1)	68541-01-5	addition
		Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, potassium salt (1:1)	68541-02-6	addition
		2-Propenoic acid, polymer with 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-propenoate	68541-80-0	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]-, sodium salt (1:1)	68555-69-1	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, sodium salt (1:1)	68555-70-4	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]-, sodium salt (1:1)	68555-71-5	addition
		1-Pentanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-	68555-72-6	addition

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-	68555-73-7	addition
		1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-N-methyl-	68555-74-8	addition
		1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-	68555-75-9	addition
		1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-N-methyl-	68555-76-0	addition
		1-Pentanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-	68555-78-2	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]-ethyl ester	68555-79-3	addition
		1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]-, chloride (1:1)	68555-81-7	addition
		2-Propenoic acid, butyl ester, polymer with 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate and 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate	68555-90-8	addition
		2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	68555-91-9	addition
		2-Propenoic acid, 2-methyl-, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	68555-92-0	addition
2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-chloro-1,3-butadiene, 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate	68568-77-4	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, telomer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl), .alpha.-(2-methyl-1-oxo-2-propenyl)-.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	68586-14-1	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with TDI	68608-13-9	addition
		Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,1'-methylenebis[4-isocyanatobenzene]	68608-14-0	addition
		1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-, reaction products with N-ethyl-1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-1-butanefulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-1-heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-1-hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-1-pentanesulfonamide, polymethylenepolyphenylene isocyanate and stearyl alcohol	68649-26-3	addition
		2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 2-oxiranylmethyl 2-methyl-2-propenoate	68797-76-2	addition
		Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, potassium salt (1:1)	68815-72-5	addition
		2-Propenoic acid, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl)	68867-60-7	addition

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 1-octanethiol and .alpha.-(1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediy)	68867-62-9	addition
		2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and 2-methyl-1,3-butadiene	68877-32-7	addition
		Chromium, diaquatetrachloro[.mu.-[N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]glycinato-.kappa.O:.kappa.O']]-.mu.-hydroxybis(2-methylpropanol)di-	68891-96-3	addition
		Chromium, diaquatetrachloro[.mu.-[N-ethyl-N-[(1,1,2,2,3,3,4,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]glycinato-.kappa.O:.kappa.O']]-.mu.-hydroxybis(2-propanol)-	68891-97-4	addition
		Chromium, diaquatetrachloro[.mu.-[N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]glycinato-.kappa.O:.kappa.O']]-.mu.-hydroxybis(2-propanol)di-	68891-98-5	addition
		Chromium, diaquatetrachloro[.mu.-[N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]glycinato-.kappa.O:.kappa.O']]-.mu.-hydroxybis(2-propanol)di-	68891-99-6	addition
		2-Propenoic acid, eicosyl ester, polymers with branched octyl acrylate, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl acrylate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl acrylate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl acrylate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl acrylate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl acrylate, polyethylene glycol acrylate methyl ether and stearyl acrylate	68909-15-9	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]-	68957-31-3	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	68957-32-4	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, ethyl ester	68957-53-9	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]-, ethyl ester	68957-54-0	addition
		1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,4,5,5-undecafluoropentyl)sulfonyl]amino]-, chloride (1:1)	68957-55-1	addition
		1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,4,5,5-undecafluoropentyl)sulfonyl]amino]-, iodide (1:1)	68957-57-3	addition
1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, iodide (1:1)	68957-58-4	addition		

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	1-Pentanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, hydrochloride (1:1)	68957-60-8	addition
		1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, hydrochloride (1:1)	68957-61-9	addition
		1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	68957-62-0	addition
		Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]-	68957-63-1	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl]-.omega.-methoxy-	68958-60-1	addition
		Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-.omega.-methoxy-	68958-61-2	addition
		1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)	70225-15-9	addition
		1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)	70225-17-1	addition
		1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]-, sulfate (2:1)	70225-20-6	addition
		1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]-, sulfate (2:1)	70225-24-0	addition
		1-Propanaminium, 3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-, sulfate (2:1)	70225-26-2	addition
		1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, sulfate (2:1)	70248-52-1	addition
2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 1,1-dichloroethene, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate and 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate	70776-36-2	addition		



№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 2-methyl-, 2-[[[5-[[[4-[[[heptadecafluorooctyl)sulfonyl]methylamino]butoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl ester, telomer with butyl 2-propenoate, 2-[[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(nonafluorobutyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(tridecafluorohexyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(undecafluoropentyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	70900-40-2	addition
		Phosphonic acid, P-[3-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]propyl]-	71463-78-0	addition
		Phosphonic acid, P-[3-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]propyl]-	71463-79-1	addition
		Phosphonic acid, P-[3-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]propyl]- diethyl ester	71463-80-4	addition
		Phosphonic acid, P-[3-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]propyl]- diethyl ester	71463-81-5	addition
		2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene, 2-[[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 2-propenoic acid	71487-20-2	addition
		1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl]][(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]-	72785-08-1	addition
		2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate	73018-93-6	addition
		Benzamide, 4-[[4-[[[2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]propylamino]ethyl]amino]carbonyl]phenyl]methyl]-N-octadecyl]-	73019-19-9	addition
		1,3-Benzenedicarboxamide, N3-[2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl]-N1-[2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]propylamino]ethyl]-4-methyl]-	73019-20-2	addition
		2-Propenoic acid, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]propylamino]ethyl ester, polymer with .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-methoxypoly(oxy-1,2-ethanediyl)	73019-28-0	addition

№	Chemical Substance Group	Specific Chemical Substance	CAS No	Note
193	Per- and poly-fluoroalkyl substances (PFAS)	2-Propenoic acid, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]propylamino]ethyl ester, polymer with 2-methyloxirane polymer with oxirane mono(2-methyl-2-propenoate)	73038-33-2	addition
		2-Propenoic acid, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]propylamino]ethyl ester, polymer with .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-butoxypoly[oxy(methyl-1,2-ethanediyl)]	73275-59-9	addition
		1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][(tridecafluorohexyl)sulfonyl]amino]-2-hydroxy-, monosodium salt	73772-32-4	addition
		1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, acetate (1:1)	73772-33-5	addition
		1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-[2-(2-hydroxyethoxy)ethoxy]ethyl]-	73772-34-6	addition
		1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-	754-91-6	addition
		1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][(heptadecafluorooctyl)sulfonyl]amino]-2-hydroxy-, monosodium salt	94133-90-1	addition
		2-Propenoic acid, 2-methyl-, 3-(trimethoxysilyl)propyl ester, polymer with ethenylbenzene, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl 2-propenoate and 2-hydroxyethyl 2-propenoate	95590-48-0	addition
		Sulfonamides, C7-8-alkane, perfluoro, N-methyl-N-[2-[(1-oxo-2-propenyl)oxy]ethyl], polymers with 2-ethoxyethyl acrylate, glycidyl methacrylate and N,N,N-trimethyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]ethanaminium chloride	98999-57-6	addition
		Perfluorooctane sulfonate	P-01-0035 (PMN Case No.)	addition
		Modified fluoroaliphatic adduct	P-83-0126 (PMN Case No.)	addition
		Fluorochemical epoxide	P-90-0110 (PMN Case No.)	addition
		Fluorinated polysiloxane	P-94-1508 (PMN Case No.)	addition
		Fluorinated polysiloxane	P-94-1509 (PMN Case No.)	addition
		Polymethylenepolyphenylene isocyanate and bis(4-NCO-phenyl)methane reaction products with 2-ethyl-1-hexanol, 2-butanone, oxime, N-ethyl-N-(2-hydroxyethyl)-1-C4-8 perfluoroalkanesulfonamide	P-94-2205 (PMN Case No.)	addition
		Fluorochemical esters	P-98-0809 (PMN Case No.)	addition
		Fluoroalkyl derivative	P-99-0296 (PMN Case No.)	addition
		Hexafluoroethane	76-16-4	addition
		Octafluoropropane	76-19-7	addition
		Octafluorocyclobutane	115-25-3	addition
		Fluorinert heat transfer fluids (FC-40, FC-283) ???	86508-42-1	addition
		Poly(propylene-co-tetrafluoroethylene)	27029-05-6	addition
		Methyl-trioctylammonium bis(trifluoromethylsulfonyl)imide	375395-33-8	addition
		Perfluoropolyalkyl Ether	60164-51-4	addition
		Fluoroelastomers	64706-30-5	addition
		1-Hexene, 3,3,4,4,5,5,6,6,6-nonafluoro-, polymer with ethene and 1,1,2,2-tetrafluoroethene	68258-85-5	addition
		1-Propene, 1,1,2,3,3,3-hexafluoro-, oxidized, polymd.	69991-67-9	addition
		Polytetrafluoroethylene	9002-84-0	addition
Vinylidene fluoride-hexafluoropropylene polymer	9011-17-0	addition		

<i>No.</i>	<i>Chemical Substance Group</i>	<i>Specific Chemical Substance</i>	<i>CAS No</i>	<i>Note</i>
193	Per- and poly-fluoroalkyl substances (PFAS)	Polyvinylidene fluoride	24937-79-9	addition
		1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene and 1,1,2,2-tetrafluoroethene	25190-89-0	addition
		Perfluoroethylene propylene copolymer	25067-11-2	addition
		2-(Perfluorohexyl)ethane-1-sulfonic acid	27619-97-2	addition
		Heptafluorobutyric acid	375-22-4	addition
		ethene,1,1,2,2-tetrafluoro-, polymer with 1,1'oxybis[ethene]	102646-47-9	addition
		Perfluorohexane	355-42-0	addition
		Perfluoromethylcyclopentane	1805-22-7	addition
		Perfluoro(1,3-dimethylcyclohexane)	355-27-3	addition
		Chlorotrifluoroethylene polymer	9002-83-9	addition
		Poly(ethylene-alt-chlorotrifluoroethylene)	25101-45-5	addition
		Fluoroethylene-alkyl vinyl ether	146915-43-7	addition
		Ethanesulfonic acid, 2-[1-[difluoro(trifluoroethyl)oxy]methyl]-1,2,2,2-tetrafluoroethoxy-1,1,2,2-tetrafluoro-, polymer with tetrafluoroethene	31175-20-9	addition
		1,1,1,2,2,3,4,5,5,5-decafluoropentane	138495-42-8	addition
		Butane, 1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy-	163702-07-6	addition
		Methylperfluoroisoalkyl ether	163702-08-7	addition
		Ethyl perfluoroalkyl ether	163702-05-4	addition
		Perfluoroindane	374-80-1	addition
		Aliphatic perfluoroalkane	335-57-9	addition
		1H-perfluoroalkane	354-33-6	addition
		1,1,2,2-tetrafluoroethane	359-35-3	addition
		Perfluoroisohexane	355-04-4	addition
		Perfluoro-2-methyl-3-ethylpentane	354-97-2	addition
		Perfluoro-2,4-dimethyl-3-ethylpentane	50285-18-2	addition
		Perfluoro-1,2-dimethylcycloalkane	306-98-9	addition
		Perfluoro-1,3-dimethylcycloalkane	335-27-3	addition
		Perfluorodecalin	306-94-5	addition
		Perfluoromethyldecalin	306-92-3	addition
		Perfluoroperhydrofluorene	307-08-4	addition
		Perfluorotetradecahydrophenanthrene	306-91-2	addition
		Perfluoroperhydrofluoranthene	662-28-2	addition
		Perfluoroperhydrobenzyltetralin	116265-66-8	addition
		Propane, 1,1,1,2,2,3,3-heptafluoro-3-methoxy-	375-03-1	addition
		Ethyl perfluoroisoalkyl ether	297730-93-9	addition
		3,3,4,4,5,5,6,6-octafluoro-1-Hexene	159148-08-0	addition
		3,3,4,5,5,5-hexafluoro-1-Pentene	2375-68-0	addition
		1,1,1,2,3,4,5,5,5-nonafluoro-2-(trifluoromethyl)-Pentane	85720-78-1	addition
		Methyl perfluoroisoalkyl ether	22052-84-2	addition
		Ethyl perfluoroisobutyl ether	163702-06-5	addition
		1,1,2,2-tetrafluoro-1-(2,2,2-trifluoroethoxy)-ethane	406-78-0	addition
		Perfluoromethylcyclohexane	355-02-2	addition