



**Management Criteria of
Environmental Impact Materials
Ver. 6.1**

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1. Target of this management standard**① Target products**

Products delivered to ThreeBond and ThreeBond products (raw materials, containers, packaging materials, auxiliary materials *, application equipment)

② Target management process

ThreeBond product manufacturing process

2. Responsibility

The person in charge of Supply-chain Management Administrative Division is responsible for reviewing the chemical substances covered by ThreeBond Group Management Criteria of Environmental Impact materials.

3. Revision of ThreeBond Group Management Criteria of Environmental Impact materials

The person in charge of Supply-chain Management Administrative Department will consider changing the management standard for ThreeBond Group Management Criteria of Environmental Impacts according to the following procedure.

① Create a change plan with considering the following contents.

- Domestic and overseas legal information on chemical substances
- Market trend
- Customer's Management Criteria of Environmental Impacts
- Other necessary items

② Considering the importance of the changes, if necessary, send the changes information to the relevant departments in the interface contact form.**③ If necessary, the person in charge of Supply-chain Management Administrative Division will instruct the Design Review Committee to discuss the matter.****④ After consultation with the Design Review Committee, the Quality Assurance Committee will discuss when it's necessary.****⑤ After consultation and approval by the Quality Assurance Committee, the revised document will be registered and completed.****※ About auxiliary materials**

Auxiliary materials refer to materials other than the raw materials, containers, and packaging materials for ThreeBond products. Examples are described below.

◆ Example of auxiliary materials

- | | | |
|-------------------|-----------------|--|
| ▪ Dispensing hose | ▪ Tape | ▪ Cushioning agent |
| ▪ Tube | ▪ Gloves | ▪ Plastic bag |
| ▪ Workbench mat | ▪ O-ring | ▪ Pallet |
| ▪ Poly cup | ▪ Packing | ▪ Ink for seal |
| ▪ Label | ▪ Resin spatula | ▪ Wetted part of manufacturing equipment |

ThreeBond Group Management Criteria of Environmental Impact materials Ver.6.1

No.	Category	Name & group of Environmental Impact materials	ThreeBond Management Criteria	Remarks
1	Prohibited substances	Cadmium and its compounds	Prohibit intentional use or less than 100 ppm	Container and package materials must be $(1+2+3+4) \leq 100\text{ppm}$
2	Prohibited substances	Lead and its compound	Prohibit intentional use or less than 1000 ppm	Container and package materials must be $(1+2+3+4) \leq 100\text{ppm}$
3	Prohibited substances	Mercury and its compound	Prohibit intentional use or less than 1000 ppm	Container and package materials must be $(1+2+3+4) \leq 100\text{ppm}$
4	Prohibited substances	Hexavalent chromium compound	Prohibit intentional use or less than 1000 ppm	Container and package materials must be $(1+2+3+4) \leq 100\text{ppm}$
5	Prohibited substances	Polybromobiphenyls (PBB)	Prohibit intentional use or less than 1000 ppm	
6	Prohibited substances	Polybromodiphenylethers (PBDE)	Prohibit intentional use or less than 1000 ppm	
7	Prohibited substances	Trisubstituted organic tin compound (tributyltin compound, triphenyltin compound)	Prohibit intentional use or less than 1000 ppm (as tin element)	
8	Prohibited substances	Polychlorinated biphenyls (PCB)	Prohibit intentional use	
9	Prohibited substances	Polychlorinated naphthalene (PCN)	Prohibit intentional use	Chlorine number 1 or more
10	Prohibited substances	Polychlorinated terphenyl (PCT)	Prohibit intentional use or less than 50ppm	
11	Prohibited substances	Polyvinyl chloride (PVC)	Prohibit intentional use	
12	Prohibited substances	Chlorinated paraffin (CP)	Prohibit intentional use or less than 1000 ppm	Applicable only to carbon chain length 10 to 13 (SCCP) (for carbon chain length 14 to 17 (MCCP), the amount of SCCP by-product is less than 10,000 ppm)
13	Prohibited substances	Asbestos	Do not use	
14	Prohibited substances	Specific aromatic amine	Prohibit intentional use or less than 30ppm	24 kinds of aromatic amines in Appendix 1 by reductive decomposition
15	Prohibited substances	Azo dyes and pigments that form amines corresponding to No. 14	Prohibit intentional use or generated Specific amine Less than 30ppm	Azo dyes / pigments listed in Appendix 2 (azo dyes / pigments that generate 30 ppm or more of 24 amines in Appendix 1 by reductive decomposition)
16	Prohibited substances	Ozone depleting substances	Prohibit intentional use or use in manufacturing process	Substances listed in Appendix 3
17	Prohibited substances	Radioactive substance	Prohibit intentional use	
18	Prohibited substances	Bis (2-ethylhexyl) phthalate (DEHP)	Prohibit intentional use or less than 1000 ppm	Containers, packaging materials, and auxiliary materials must be less than 1000ppm.
19	Prohibited substances	Dibutyl phthalate (DBP)	Prohibit intentional use or less than 1000 ppm	Containers, packaging materials, and auxiliary materials must be less than 1000ppm.
20	Prohibited substances	Butylbenzyl phthalate (BBP)	Prohibit intentional use or less than 1000 ppm	Containers, packaging materials, and auxiliary materials must be less than 1000ppm.
21	Prohibited substances	Diisobutyl phthalate (DIBP)	Prohibit intentional use or less than 1000 ppm	Containers, packaging materials, and auxiliary materials must be less than 1000ppm.
22	Prohibited substances	Phthalates (DEHP, DBP, BBP, DIBP)	Less than 1000ppm in total concentration of 4 kinds	The total concentration of the four types of containers, packaging materials, and auxiliary materials must be less than 1000 ppm.
23	Prohibited substances	Hexabromocyclododecane (HBCDD)	Prohibit intentional use or less than 100 ppm	
24	Prohibited substances	PFOS (perfluorooctane sulfonic acid and its salts)	Prohibit intentional use or less than 1000 ppm	Substances listed in Appendix 4
25	Prohibited substances	PFOA (perfluorooctanoic acid, its salts and its esters)	Prohibit intentional use or less than 25 ppb for PFOA and its salts Less than 1 ppm for PFOA related substances	Substances listed in Attached Table 5 (when multiple target substances are contained, the total concentration is less than 1 ppm (1000 ppb))
26	Prohibited substances	Specific benzotriazole: 2- (2H-1,2,3-benzotriazol-2-yl) -4,6-di-tert-butylphenol	Prohibit intentional use or less than 1000 ppm	
27	Prohibited substances	Dimethyl fumarate (DMF)	Prohibit intentional use or less than 0.1 ppm	
28	Prohibited substances	Polycyclic aromatic hydrocarbon (PAH)	Prohibit intentional use or less than 1 ppm	Substances listed in Appendix 6 (less than 0.5 ppm when used in materials that come into contact with the skin for 30 seconds or more, or that are repeatedly in contact with the skin for a short period of time)
29	Prohibited substances	Conflict minerals	Prohibited use (including inclusion of impurities)	DRC and its surrounding 3 domestically produced minerals (gold, tin, tungsten, tantalum, cobalt) derived from smelters not listed in Conflict-Free Composite wood,plywood,particle board,medium density fiberboard)products or components.(Intentional use)
30	Prohibited substances	Formaldehyde	Prohibit intentional use or less than 75 ppm	
31	Prohibited substances	Disubstituted organotin compounds (dibutyltin compounds, dioctyltin compounds)	Prohibit intentional use and less than 1000 ppm (as tin element)	

32	Prohibited substances	Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9- C14 PFCA-related substances	In the case of C9- C14 PFCAs (including individual salts), the concentration must be less than 25ppb (0.025ppm) -In the case of combination of one or multiple C9-C14 PFCA- related substances, the concentration must be less than 260ppb in total of the C9-C14 PFCA- related substances.	Substances listed in Appendix 7
33	Prohibited substances	Perfluorohexane-1-sulphonic acid (PFHxS), its salts, and PFHxS-related substances	Intentional use prohibited, and -In the case of PFHxS (including its salts), the concentration must be less than 25ppb (0.025ppm) -In the case of combination of one or multiple PFHxS-related substances, the concentration must be less than 1000ppb (1ppm) in total of the PFHxS- related substances.	Substances listed in Appendix 8
34	Prohibited substances	DechloranePlus TM (1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene)	Prohibit intentional use	Substances listed in Appendix 9 General product name
35	Prohibited substances	UV-328 (2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol)	Prohibit intentional use	Substances listed in Appendix 10 General product name
36	Prohibited substances	Tris phosphate (Phenol isopropylated phosphate) (3:1) (PIP(3:1))	Prohibit intentional use	—
37	Prohibited substances	Hydrofluorocarbon(HFC)	Prohibit intentional use	—
38	Prohibited substances	Three chlorinated phosphate ester flame retardants - Tris(1,3-dichloro-2-propyl) phosphate (TDCPP) - Tris(2-chloroethyl) phosphate (TCEP) - Tris (chloroisopropyl) phosphate (TCPP)	Less than 1000 ppm	—
32	Reported substance	chemSHERPA controlled substances	Content of 0.1 wt% or more is reported	See latest version https://chemsherpa.net/tool#declarable

Appendix 1: 24 aromatic amines that should not be generated by reductive decomposition of azo compounds

No.	CAS No.	Substance name in Cabinet Order	Another name used in JIS L 1940 et	Substance
1	92-67-1	4-aminodiphenyl	Biphenyl-4-ylamine 4-aminobiphenyl Kiseniruamin	4-aminobiphenyl
2	92-87-5	Benzidine	—	benzidine
3	95-69-2	4-chloro-2-methylaniline	4-chloro-ortho-toluidine	—
4	91-59-8	2-naphthylamine (also known as beta-)	—	2-naphthylamine
5	97-56-3	2-methyl-4-(2-tolylazo) aniline	Ortho-aminoazotoluene 4-amino-2', 3'-dimethylazobenzene 4-ortho-tolylazo-ortho-toluidine	—
6	99-55-8	2-methyl-5-nitroaniline	5-nitro-ortho-toluidine 2-amino-4-nitrotoluene	—
7	106-47-8	p-chloroaniline	4-chloroaniline	—
8	615-05-4	2,4-diaminoanisole	4-methoxy-meta-	4-methoxy-m-phenylenediamine
9	101-77-9	4,4'-methylenedianiline	4,4'-diaminodiphenylmethane	4,4'-diaminodiphenylmethane
10	91-94-1	3,3'-dichlorobenzidine	3,3'-Dichlorobiphenyl-4,4'-ylenediamine	3,3'-dichlorobenzidine
11	119-90-4	3,3'-dimethoxybenzidine	o-dianisidine	3,3'-dimethoxybenzidine
12	119-93-7	3,3'-Dimethylbenzidine (also known as ortho-toluidine)	4,4'-bi-o-toluidine	o-toluidine
13	838-88-0	4,4'-diamino-3,3'-dimethyldiphenylmethane	4,4'-Methylenedi-o-toluidine 3,3'-dimethyl-4,4'-diaminodiphenylmethane	4,4'-methylenedi-o-toluidine
14	120-71-8	2-methoxy-5-methylaniline	6-methoxy-meta-toluidine p-cresidine	2-Methoxy-5-methylaniline
15	101-14-4	3,3'-dichloro-4,4'-diaminodiphenylmethane	4,4'-Methylene-bis-(2-chloroaniline) 2,2'-dichloro-4,4'-methylenedianiline	4,4'-methylene-bis-(2-chloro-aniline)
16	101-80-4	4,4'-diaminodiphenyl ether	4,4'-oxydianili	4,4'-diaminobiphenyl ether
17	139-65-1	4,4'-diaminodiphenyl sulfide	4,4'-thiodianiline	4,4'-diaminodiphenyl sulfide
18	95-53-4	o-Toluidine	2-aminotoluene	o-toluidine
19	95-80-7	2,4-diaminotoluene	4-Methyl-meta-phenylenediamine 2,4- toluenediamine	2,4-diaminotoluene
20	137-17-7	2,4,5-trimethylaniline	—	2,4,5-trimethylaniline
21	90-04-0	o-anisidine	2-methoxyaniline	o-anisidine
22	60-09-3	p-phenylazoaniline	4-aminoazobenzene	4-amino azobenzene
23	95-68-1	2,4-dimethylaniline	2,4-xylidine	2,4-xylidine
24	87-62-7	2,6-dimethylaniline	2,6-xylidine	2,6-xylidine

Appendix 2: Azo dyes and pigments that form specific aromatic amines

No.	CAS No.	Dye name	C.I. Constitution No.
1	12217-14-0	Acid Black 29	—
2	6358-80-1	Acid Black 94	30336
3	12219-01-1	Acid Black 131	—
4	12219-02-2	Acid Black 132	—
5	72827-68-0	Acid Black 209	—
6	97199-27-4	Acid Brown 415	—
7	2429-80-3	Acid Orange 45	22195
8	5858-39-9	Acid Red 4	14710
9	5858-63-9	Acid Red 5	14905
10	5858-30-0	Acid Red 24	16140
11	6441-93-6	Acid Red 35	18065
12	3567-65-5	Acid Red 85	22245
13	8006-06-2	Acid Red 104	26420
14	6459-94-5	Acid Red 114	23635
15	8005-61-6	Acid Red 115	27200
16	6245-62-1	Acid Red 116	26660
17	90880-75-4	Acid Red 119:1	—
18	6548-30-7	Acid Red 128	24125
19	6300-53-4	Acid Red 148	26665
20	6226-78-4	Acid Red 150	27190
21	8004-55-5	Acid Red 158	20530
22	61901-41-5	Acid Red 167	—
23	6505-96-0	Acid Red 264	18133
24	6358-43-6	Acid Red 265	18129
25	6625-46-3	Acid Violet 12	18075
26	5421-66-9	Basic Brown 4	21010
27	12221-66-8	Basic Red 42	—
28	68391-30-0	Basic Red 76	12245
29	118658-98-3	Basic Red 111	—
30	12227-67-7	Basic Yellow 82	—

Appendix 3: Ozone depleting substances (including isomers, substances subject to Montreal Protocol)

Annex	Group	Substance group	Substance name	Substance	CAS No. example
A	I	CFCs	CFC-11	CFC-11	75-69-4
			CFC-12	CFC-12	75-71-8
			CFC-113	CFC-113	76-13-1
			CFC-114	CFC-114	76-14-2
			CFC-115	CFC-115	76-15-3
	II	Halong	Halong-1211	Halon 1211	353-59-3
			Halong-1301	Halon 1301	75-63-8
			Halong-2402	Halon 2402	124-73-2
B	I	Other CFCs	CFC-13	CFC-13	75-72-9
			CFC-111	CFC-111	354-56-3
			CFC-112	CFC-112	76-12-0
			CFC-211	CFC-211	422-78-6
			CFC-212	CFC-212	3182-26-1
			CFC-213	CFC-213	134237-31-3
			CFC-214	CFC-214	29255-31-0
			CFC-215	CFC-215	1599-41-3
			CFC-216	CFC-216	661-97-2
			CFC-217	CFC-217	422-86-6
	II	Carbon tetrachloride	Carbon tetrachloride	Carbon tetrachloride	56-23-5
	III	1,1,1-Trichloroethane (methyl chloroform)	1,1,1-Trichloroethane (methyl chloroform)	1,1,1-Trichloroethane	71-55-6
C	I	HCFCs	HCFC-21	HCFC-21	75-43-4
			HCFC-22	HCFC-22	75-45-6
			HCFC-31	HCFC-31	593-70-4
			HCFC-121	HCFC-121	354-11-0
			HCFC-122	HCFC-122	354-21-2
			HCFC-123	HCFC-123	812-04-4
			HCFC-123 ※	HCFC-123 ※	306-83-2
			HCFC-124	HCFC-124	354-25-6
			HCFC-124 ※	HCFC-124 ※	2837-89-0
			HCFC-131	HCFC-131	27154-33-2
			HCFC-132	HCFC-132	25915-78-0
			HCFC-133	HCFC-133	75-88-7
			HCFC-141	HCFC-141	430-57-9
			HCFC-141b ※	HCFC-141b ※	1717-00-6
			HCFC-142	HCFC-142	25497-29-4
			HCFC-142b ※	HCFC-142b ※	75-68-3
			HCFC-151	HCFC-151	1615-75-4
			HCFC-221	HCFC-221	134237-35-7
			HCFC-222	HCFC-222	134237-36-8
			HCFC-223	HCFC-223	134237-37-9
			HCFC-224	HCFC-224	134237-38-0
			HCFC-225	HCFC-225	127564-92-5
			HCFC-225ca ※	HCFC-225ca ※	422-56-0
			HCFC-225cb ※	HCFC-225cb ※	507-55-1
			HCFC-226	HCFC-226	134308-72-8
			HCFC-231	HCFC-231	134190-48-0
			HCFC-232	HCFC-232	127564-82-3
			HCFC-233	HCFC-233	134237-40-4
			HCFC-234	HCFC-234	127564-83-4
			HCFC-235	HCFC-235	134237-41-5
			HCFC-241	HCFC-241	134190-49-1
			HCFC-242	HCFC-242	134237-42-6
			HCFC-243	HCFC-243	134237-43-7

C			HCFC-244	HCFC-244	134190-50-4
			HCFC-251	HCFC-251	134190-51-5
			HCFC-252	HCFC-252	134190-52-6
			HCFC-253	HCFC-253	134237-44-8
			HCFC-261	HCFC-261	134237-45-9
			HCFC-262	HCFC-262	134190-53-7
			HCFC-271	HCFC-271	134190-54-8
	II	HBFC	CHBr2	Dibromofluoromethane	1868-53-7
			CHF2Br	Bromodifluoromethane	1511-62-2
			CH2FBr	Bromofluoromethane	373-52-4
			C2HBr4	Tetrabromofluoroethane	306-80-9
			C2HF2Br3	Tribromodifluoroethane	-
			C2HF3Br2	Dibromotrifluoroethane	354-04-1
			C2HF4Br	Bromotetrafluoroethane	124-72-1
			C2H2FBr3	Tribromofluoroethane	-
			C2H2F2Br2	Dibromodifluoroethane	75-82-1
			C2H2F3Br	Bromotrifluoroethane	421-06-7
			C2H3FBr2	Dibromofluoroethane	358-97-4
			C2H3F2Br	Bromodifluoroethane	359-07-9
			C2H4FBr	Bromofluoroethane	762-49-2
			C3HBr6	Hexabromofluoropropane	-
			C3HF2Br5	Pentabromodifluoropropane	-
			C3HF3Br4	Tetrabromotrifluoropropane	-
			C3HF4Br3	Tribromotetrafluoropropane	-
			C3HF5Br2	Dibromopentafluoropropane	431-78-7
			C3HF6Br	Bromohexafluoropropane	-
			C3H2FBr5	Pentabromofluoropropane	-
			C3H2F2Br4	Tetrabromodifluoropropane	-
			C3H2F3Br3	Tribromotrifluoropropane	-
			C3H2F4Br2	Dibromotetrafluoropropane	-
			C3H2F5Br	Bromopentafluoropropane	460-88-8
			C3H3FBr4	Tetrabromofluoropropane	-
			C3H3F2Br3	Tribromodifluoropropane	70192-80-2
			C3H3F3Br2	Dibromotrifluoropropane	70192-83-5
			C3H3F4Br	Bromotetrafluoropropane	679-84-5
			C3H4FBr3	Tribromofluoropropane	75372-14-4
			C3H4F2Br2	Dibromodifluoropropane	460-25-3
			C3H4F3Br	Bromotrifluoropropane	421-46-5
			C3H5FBr2	Dibromofluoropropane	51584-26-0
			C3H5F2Br	Bromodifluoropropane	-
			C3H6FBr	Bromofluoropropane	352-91-0
	III	Bromochloromethane	Bromochloromethane	Chlorobromomethane	74-97-5
E	I	Methyl bromide	Methyl bromide	Methyl bromide	74-83-9

* Indicated substances are most likely to be used commercially.

* The above is an example, so please check the latest list.

Appendix 4: PFOS (perfluorooctane sulfonic acid and its salts)

No.	CAS No. example	Substance name
1	1763-23-1	Perfluorooctane sulfonate acid
2	45298-90-6	Perfluorooctane sulfonate anion
3	307-35-7	Perfluoro-1-octanesulfonyl fluoride
4	306975-62-2	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)-sulfonyl]amino]ethyl acrylate and vinylidene chloride
5	2991-51-7	Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt
6	2795-39-3	Perfluorooctane sulfonate potassium salt
7	29081-56-9	Perfluorooctane sulfonate ammonium salt
8	29457-72-5	Perfluorooctane sulfonate lithium salt
9	56773-42-3	Tetraethylammoniumheptadecafluorooctansulfonate

※ The information above is an example. Please check the latest list of GADSL (link below).

<https://www.gadsl.org/>

Appendix 5: PFOA (perfluorooctanoic acid, its salts and its esters)

PFOA and its salts

No.	CAS No. example	Substance name
1	335-67-1	Perfluorooctanoic acid
2	45285-51-6	Perfluorooctanoate (conjugate base of the free acid)
3	90480-55-0	Branched perfluorooctanoic acid
4	1882109-81-0	Hexanoic acid, 2,2,3,4,4,5,5,6,6,6-nonafluoro-3,4-bis(trifluoromethyl)-
5	1882109-80-9	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-nonafluoro-2,5-bis(trifluoromethyl)-
6	1882109-79-6	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-decafluoro-4-(1,1,2,2,2-pentafluoroethyl)-
7	1882109-78-5	Hexanoic acid, 2,2,3,4,4,5,5,6,6,6-decafluoro-3-(1,1,2,2,2-pentafluoroethyl)-
8	1882109-77-4	Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-(1,1,2,2,3,3,3-heptafluoropropyl)-
9	1882109-76-3	Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-
10	1882109-75-2	Pentanoic acid, 2,2,3,5,5,5-hexafluoro-3,4,4-tris(trifluoromethyl)-
11	1882109-74-1	Pentanoic acid, 2,2,4,5,5,5-hexafluoro-3,3,4-tris(trifluoromethyl)-
12	1882109-73-0	Pentanoic acid, 2,3,3,5,5,5-hexafluoro-2,4,4-tris(trifluoromethyl)-
13	1882109-72-9	Pentanoic acid, 2,3,4,5,5,5-hexafluoro-2,3,4-tris(trifluoromethyl)-
14	1882109-71-8	Pentanoic acid, 2,4,4,5,5,5-hexafluoro-2,3,3-tris(trifluoromethyl)-
15	1882109-70-7	Pentanoic acid, 3,3,4,5,5,5-hexafluoro-2,2,4-tris(trifluoromethyl)-
16	1882109-68-3	Pentanoic acid, 2,2,3,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-
17	1882109-67-2	Pentanoic acid, 2,2,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-
18	1882109-66-1	Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-
19	1882109-65-0	Pentanoic acid, 2,3,3,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-
20	1882109-64-9	Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-
21	1882109-63-8	Pentanoic acid, 3,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-
22	1882109-69-4	Pentanoic acid, 3,4,4,5,5,5-hexafluoro-2,2,3-(trifluoromethyl)-
23	1882109-62-7	Butanoic acid, 4,4,4-trifluoro-2,2,3,3-tetrakis(trifluoromethyl)-
24	1882109-61-6	Butanoic acid, 2,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-(trifluoromethyl)-
25	1882109-60-5	Butanoic acid, 2,3,3,4,4,4-hexafluoro-2-[2,2,2-trifluoro-1,1,1-tris(trifluoromethyl)ethyl]-
26	1882109-59-2	Butanoic acid, 3,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-2-(trifluoromethyl)-
27	1882109-58-1	Butanoic acid, 3,3,4,4,4-pentafluoro-2,2-bis(1,1,2,2,2-pentafluoroethyl)-
28	1812247-20-3	Hexanoic acid, 2,2,4,4,5,5,6,6,6-nonafluoro-3,3-bis(trifluoromethyl)-
29	1812247-19-0	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-nonafluoro-2,4-bis(trifluoromethyl)-
30	1812247-18-9	Hexanoic acid, 2,3,4,4,5,5,6,6,6-nonafluoro-2,3-bis(trifluoromethyl)-
31	1812247-17-8	Hexanoic acid, 3,3,4,4,5,5,6,6,6-nonafluoro-2,2-bis(trifluoromethyl)-
32	1192593-79-5	Hexanoic acid, 2,2,3,3,5,5,6,6,6-nonafluoro-4,4-bis(trifluoromethyl)-
33	1144512-36-6	Hexanoic acid, 2,2,3,3,4,5,6,6,6-nonafluoro-4,5-bis(trifluoromethyl)-
34	1144512-35-5	Hexanoic acid, 2,2,3,4,4,5,6,6,6-nonafluoro-3,5-bis(trifluoromethyl)-
35	1144512-34-4	Hexanoic acid, 2,2,3,3,4,4,6,6,6-nonafluoro-5,5-bis(trifluoromethyl)-
36	1144512-18-4	Heptanoic acid, 2,2,3,3,4,5,5,6,6,7,7,7-dodecafluoro-4-(trifluoromethyl)-
37	909009-42-3	Heptanoic acid, 2,2,3,3,4,4,5,6,6,7,7,7-dodecafluoro-5-(trifluoromethyl)-
38	705240-04-6	Heptanoic acid, 2,2,3,4,4,5,5,6,6,7,7,7-dodecafluoro-3-(trifluoromethyl)-
39	207678-51-1	Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2-(trifluoromethyl)-
40	123116-17-6	Isooctanoic acid, pentadecafluoro-
41	35605-76-6	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-
42	15166-06-0	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-
43	90480-56-1	Ammonium salt, linear/branched PFOA (Octanoic acid, pentadecafluoro-, branched, ammonium salt)
44	3825-26-1	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7,8,8,8-pentadecafluoro-, ammonium salt (1:1)
45	335-95-5	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7,8,8,8-pentadecafluoro-, sodium salt (1:1)
46	2395-00-8	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7,8,8,8-pentadecafluoro-, potassium salt (1:1)
47	335-93-3	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7,8,8,8-pentadecafluoro-, silver(1+) salt (1:1)
48	68141-02-6	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7,8,8,8-pentadecafluoro-, chromium(3+) salt (3:1)

49	98241-25-9	Ettrianamium, N,N,N'-triethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)
50	13058-06-5	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-, ammonium salt (1:1)
51	1195164-59-0	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-, sodium salt (1:1)
52	19742-57-5	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, ammonium salt (1:1)
53	61436-04-2	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, iron salt (1:1)
54	29457-73-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, potassium salt (1:1)
55	18017-22-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, sodium salt (1:1)
56	15739-82-9	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, chromium salt (1:x)
57	15715-47-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, aluminum salt (3:1)

PFOA Related Compounds

58	68333-92-6	Fatty acids, C7-13, perfluoro
59	91032-01-8	Fatty acids, C7-19, perfluoro
60	72968-38-8	Fatty acids, C7-13, perfluoro, ammonium salts
61	376-27-2	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, methyl ester
62	3108-24-5	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ethyl ester
63	33496-48-9	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 1,1'-anhydride
64	68412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs.
65	93062-53-4	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs., aluminum salts
66	40143-79-1	Bis(perfluorooctyl)phosphinic acid
67	610800-34-5	Perfluorohexylperfluorooctyl phosphinate
68	335-66-0	Octanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
69	507-63-1	Perfluorooctyl iodide
70	307-50-6	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-
71	307-60-8	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-
72	307-63-1	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-
73	335-79-5	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-
74	376-04-5	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-
75	423-62-1	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-
76	558-97-4	Nonane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluoro-9-iodo-
77	677-93-0	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)-
78	3248-61-1	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-(trifluoromethyl)-
79	3248-63-3	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-(trifluoromethyl)-
80	307-43-7	Decane, 1-bromo-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro-
81	90622-71-2	Alkyl iodides, C6-18, perfluoro
82	2043-53-0	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
83	2043-54-1	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-
84	30046-31-2	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-
85	65510-55-6	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-
86	65510-56-7	Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluoro-11-iodo-
87	68188-12-5	Alkyl iodides, C4-20, γ - ω -perfluoro
88	68390-33-0	Alkyl iodides, C10-12, γ - ω -perfluoro
89	21652-58-4	8:2 Fluorotelomer olefin
90	30389-25-4	1-Dodecene, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
91	60699-51-6	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-
92	39239-77-5	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-
93	865-86-1	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
94	678-39-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
95	70887-94-4	2-Dodecenoic acid, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-eicosafuoro-
96	53826-13-4	Dodecanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
97	70887-84-2	2-Decenoic acid, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hexadecafluoro-

98	27854-31-5	Decanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
99	63295-27-2	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-eicosafluoro-12-(trifluoromethyl)-, 1-(dihydrogen phosphate)
100	63295-28-3	1,2-Pentadecanediol, 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)-, 1-(dihydrogen phosphate)
101	63295-29-4	1,2-Heptadecanediol, 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-16-(trifluoromethyl)-, 1-(dihydrogen phosphate)
102	94158-70-0	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-heneicosafluoro-, 1-(dihydrogen phosphate)
103	94200-46-1	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-heneicosafluoro-, 1-(dihydrogen phosphate), diammonium salt
104	94200-47-2	1,2-Pentadecanediol, 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-, 1-(dihydrogen phosphate), diammonium salt
105	94200-48-3	1,2-Heptadecanediol, 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-, 1-(dihydrogen phosphate), diammonium salt
106	94200-50-7	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-eicosafluoro-12-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt
107	94200-51-8	1,2-Pentadecanediol, 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)-, 1-(dihydrogen phosphate), diammonium salt
108	94200-52-9	1,2-Heptadecanediol, 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-16-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt
109	57678-03-2	8:2 Fluorotelomer phosphate monoester
110	678-41-1	8:2 Fluorotelomer phosphate diester
111	93857-44-4	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, dihydrogen phosphate, diammonium salt
112	57678-05-4	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro-, 1-(dihydrogen phosphate)
113	1895-26-7	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro-, 1,1'-(hydrogen phosphate)
114	16083-78-6	2-Propenoic acid, 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-
115	4980-53-4	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
116	6014-75-1	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
117	16083-87-7	2-Propenoic acid, 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 ester
118	52956-82-8	2-Propenoic acid, 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 ester
119	74256-14-7	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-eicosafluoro-11-(trifluoromethyl)dodecyl ester
120	74256-15-8	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-tetracosafuoro-13-(trifluoromethyl)tetradecyl ester
121	17741-60-5	2-(Perfluorodecyl) ethyl acrylate
122	2144-54-9	2-(Perfluorodecyl) ethyl methacrylate
123	27905-45-9	8:2 Fluorotelomer acrylate
124	1996-88-9	8:2 Fluorotelomer methacrylate
125	85631-54-5	2-Propenoic acid, gamma-omega-perfluoro-C8-14-alkyl esters
126	91615-22-4	2-Propenoic acid, 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 ester
127	94158-63-1	2-Propenoic acid, 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-dotriacontafluoro-17-(trifluoromethyl)octadecyl ester
128	94158-64-2	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,16,16,16-octacosafuoro-15-(trifluoromethyl)hexadecyl ester
129	94158-65-3	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,18,18,18-dotriacontafluoro-17-(trifluoromethyl)octadecyl ester
130	93776-12-6	1-Propanaminium, N-(2-carboxyethyl)-N,N- 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]-, inner salt
131	93776-13-7	1-Propanaminium, N- (2-carboxyethyl)-3-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,13,13,13-heneicosafluoro-2-hydroxytridecyl)amino] -N,N-dimethyl-,

132	94159-83-8	2-Tridecanol, 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-eicosafluoro-12-(trifluoromethyl)-
133	94159-79-2	2-Pentadecanol, 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-pentacosafuoro-
134	94159-80-5	2-Tridecanol, 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-heneicosafluoro-
135	94159-82-7	2-Pentadecanol, 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)-
136	99955-83-6	8:2 Fluorotelomer stearate monoester
137	302911-86-0	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
138	3102-79-2	Perfluorooctylethylchloromethyl silane
139	74612-30-9	Perfluorooctylethyltrimethylchlorosilane
140	101947-16-4	Perfluorooctylethyltriethoxysilane
141	78560-44-8	Perfluorooctylethyltrichlorosilane
142	83048-65-1	Perfluorooctylethyltrimethoxysilane
143	68187-42-8	Propanamide, 3-[(γ - ω -perfluoro-C ₄₋₁₀ -alkyl)thio] derivatives
144	70969-47-0	Thiols, C ₈₋₂₀ , γ - ω -perfluoro, telomers with acrylamide
145	95370-51-7	Carbamic acid, [2-(sulphothio)ethyl]-, C-(γ - ω -perfluoro-C ₆₋₉ -alkyl) esters, monosodium salts
146	148240-85-1	1,3-Propanediol, 2,2-bis[[(γ - ω -perfluoro-C ₄₋₁₀ -alkyl)thio]methyl] derivatives, phosphates, ammonium salts
147	148240-87-3	1,3-Propanediol, 2,2-bis[[(γ - ω -perfluoro-C ₆₋₁₂ -alkyl)thio]methyl] derivatives, phosphates, ammonium salts
148	148240-89-5	1,3-Propanediol, 2,2-bis[[(γ - ω -perfluoro-C ₁₀₋₂₀ -alkyl)thio]methyl] derivs., phosphates, ammonium salts
149	183146-60-3	Oxirane, methyl-, polymer with oxirane, mono[2-hydroxy-3-[(γ - ω -perfluoro-C ₈₋₂₀ -alkyl)thio]propyl] ethers
150	71608-61-2	Pentanoic acid, 4,4-bis[(γ - ω -perfluoro-C ₈₋₂₀ -alkyl)thio]derivs., compds. with diethanolamine
151	94200-45-0	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-, 1-(dihydrogen phosphate), ammonium salt (1:2)
152	93776-00-2	2-Pentadecanol, 1,1'-[oxybis[(1-methyl-2,1-ethanediyl)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-pentacosafuoro-
153	115592-83-1	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, 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
154	129783-45-5	2-Propenoic acid, 2-methyl-, C ₁₀₋₁₆ -alkyl esters, polymers with 2-hydroxyethyl methacrylate, Me methacrylate and γ - ω -perfluoro-C ₈₋₁₄ -alkyl acrylate
155	144031-01-6	2-Propenoic acid, dodecyl ester, polymers with Bu (1-oxo-2-propenyl)carbamate and γ - ω -perfluoro-C ₈₋₁₄ -alkyl acrylate
156	116984-14-6	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-ethanediyl), 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 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-pentacosafuorotetradecyl 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-
157	74049-08-4	Poly[2-(perfluorooctyl)ethyl acrylate]
158	65104-45-2	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-heneicosafluorododecyl 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
159	53515-73-4	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
160	90622-99-4	Amides, C ₇₋₁₉ , α - ω -perfluoro-N,N-bis(hydroxyethyl)
161	71356-38-2	Piperazinium, 1-(carboxymethyl)-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)-, inner salt

162	85681-64-7	2-Propenoic acid, perfluoro-C8-16-alkyl esters
163	125328-29-2	2-Propenoic acid, 2-methyl-, C10-16-alkyl esters, polymers with 2-hydroxyethylmethacrylate, Me methacrylate and perfluoro-C8-14-alkyl acrylate
164	325459-92-5	Phosphine, tris[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]-
165	326475-46-1	Palladium, dichlorobis[tris[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]phosphine-κP]-
166	39186-68-0	1-Propanaminium, N-(2-carboxyethyl)-N,N-bis(2-hydroxyethyl)-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, inner salt
167	41358-63-8	Octanamide, N-[3-[bis(2-hydroxyethyl)amino]propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
168	24216-05-5	Benzenesulfonyl chloride, 3,4-bis[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-
169	53517-98-9	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)
170	85938-56-3	Octanamide, N-(3-aminopropyl)-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
171	89685-61-0	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)
172	84029-60-7	Nonene, heptadecafluoro-1-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)oxy]-
173	4151-50-2	N-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonamide, N-Ethylperfluorooctane-1-sulfonamide

Other PFOA Related Compounds

174	2043-52-9	Nonane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-9-iodo-
175	10258-49-8	Octane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-8-iodo-
176	25291-12-7	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-9-iodo-
177	169331-74-2	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-
178	25431-45-2	1-Nonene, 3,3,4,4,5,5,6,6,7,7,8,8,9,9-pentadecafluoro-
179	38787-57-4	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-
180	25431-48-5	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-9-iodo-
181	918-32-1	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-9-iodo-
182	38787-66-5	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-9-iodo-
183	109856-51-1	Nonadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-
184	57325-44-7	Tricosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-
185	89889-22-5	2-Decene, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-pentadecafluoro-, (E)- (9CI)
186	755-02-2	1-Nonanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9-pentadecafluoro-
187	25600-66-2	1-Decanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-pentadecafluoro-
188	25431-52-1	Nonadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-9-iodo-
189	307-29-9	1-Octanamine, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
190	307-30-2	1-Octanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
191	57325-43-6	Tricosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-9-iodo-
192	5678-75-1	1-Octanamine, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, hydrochloride(1:1)
193	16083-64-0	1-Decanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-pentadecafluoro-2-iodo-
194	2837-34-5	Pentacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-9-iodo-
195	52717-05-2	5-Tridecene, 7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-pentadecafluoro-
196	647-12-1	Octanenitrile, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
197	38787-60-9	6-Tetradecene, 8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentadecafluoro-
198	335-60-4	Octanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
199	31185-69-0	1,1-Octanediol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
200	52717-06-3	8-Heptadecene, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-
201	754-85-8	2-Nonanone, 3,3,4,4,5,5,6,6,7,7,8,8,9,9-pentadecafluoro-
202	92914-88-0	2-Nonanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9-pentadecafluoro-2-methyl-
203	335-64-8	Octanoyl chloride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
204	812-70-4	Decanoic acid, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-pentadecafluoro-
205	222037-87-8	Octanoyl bromide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
206	307-31-3	Octanimidamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
207	45291-33-6	Nonanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9-pentadecafluoro-
208	864071-08-9	Octanoic-1,2-13C2 acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
209	864071-09-0	Octanoic-1-13C acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro- (9CI)
210	927835-01-6	1-Octanaminium, N,N,N-trimethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)
211	98065-31-7	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, potassium salt,hydrate (1:1:2)
212	51249-68-4	7-Hexadecene,1,1,1,2,2,3,3,4,4,5,5,6,6,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-
213	812-72-6	Octane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-8-(2-propen-1-yloxy)-

214	20084-49-5	Oxirane, 2-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)-
215	27607-61-0	1-Nonanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-pentadecafluoro-
216	423-54-1	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
217	3145-68-4	1-Octanamine, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)-
218	307-96-0	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, butyl ester
219	4314-38-9	Octanimidamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-hydroxy-
220	20120-44-9	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 2-propen-1-ylester
221	307-93-7	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ethenyl ester
222	307-98-2	2-Propenoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl ester
223	25061-59-0	Pyridinium, 1-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)-, 1,1,1-trifluoromethanesulfonate (1:1)
224	3934-23-4	2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl ester
225	171184-15-9	1-Decanaminium, N-(carboxymethyl)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-pentadecafluoro-N,N-dimethyl-, inner salt
226	111918-97-9	Hexadecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl ester
227	17352-09-9	Methanesulfonic acid, 1,1,1-trifluoro-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl ester
228	15435-88-8	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-hydroxy-
229	886046-97-5	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester
230	29723-33-9	Benzeneethanamine, N-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctylidene)-
231	424-01-1	2-Propenamide, N-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)-
232	37696-83-6	Octanamide, N-butyl-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
233	129560-87-8	Benzoic acid, 4-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)oxy]-
234	37696-86-9	Octanamide, N-dodecyl-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
235	73782-58-8	Benzoic acid, 4-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)amino]-
236	1407514-44-6	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-(2-hydroxypropyl)-
237	869308-35-0	Benzoic acid, 4-hydroxy-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctylester
238	24962-65-0	1-Octanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 1-(4-ethenylphenyl)methyl ester
239	118454-01-6	Octanamide, N-[4-(methoxymethyl)butyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
240	24120-18-1	2-Butenedioic acid (Z), bis(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl) ester (9CI)
241	230295-06-4	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, (4-ethenylphenyl)methyl ester
242	335-90-0	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]-, iodide (1:1)
243	37043-12-2	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-[3-(trifluoromethyl)propyl]-
244	186043-52-7	1,3,5,2,4,6-Triazatriphosphorine, 2,2,4,4,6,6-hexahydro-2,2,4,4,6,6-hexakis[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)oxy]- (9CI)
245	110388-02-8	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-[2-(2-hydroxyethoxy)ethyl]-
246	29680-98-6	Octanamide, N,N'-trimethylenebis[2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro- (8CI)
247	95215-99-9	1,3,5,2-Triazatriphosphorine, 2,2'-diazido-2,2'-diyluro-4,6-bis(pentadecafluoroneptyl)- (9CI)
248	518358-34-4	Phosphinous amide, N-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl)-P,P-bis(pentafluorophenyl)- (9CI)
249	118826-52-1	[1,1'-Biphenyl]-4-carboxylic acid, 4'-(2-methylbutyl)-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl ester, (S)- (9CI)
250	103188-04-1	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-(4-methoxyphenyl)-
251	864149-62-2	Octanamide, N,N'-(1R,2R)-1,2-cyclohexanediyldis[2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro- (9CI)
252	305848-92-4	Octanamide, N,N'-1,2-cyclohexanediyldis[2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro- (9CI)
253	2212-77-3	1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrachloro-, 1,2-bis(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl) ester
254	90179-39-8	1-Propanaminium, N-(carboxymethyl)-N,N-dimethyl-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, inner salt
255	90480-57-2	Octanoic acid, pentadecafluoro-, mixed esters with 2,2'-[1,4-butanediylbis(oxymethylene)]bis[oxirane] and 2,2'-[1,6-hexanediylbis(oxymethylene)]bis[oxirane]
256	93480-00-3	Poly(oxy-1,2-ethanediyl), α -[2-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]ethyl]- ω -hydroxy-
257	1799-55-9	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-pentadecafluorononyl ester
258	5158-52-1	1-Propanaminium, N-(2-carboxyethyl)-N,N-dimethyl-3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, inner salt
259	29014-57-1	2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctyl ester, homopolymer

260	32609-65-7	Methanaminium, N,N,N-trimethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)
261	63439-39-4	1-Nonanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-pentadecafluoro-, dihydrogenphosphate, diammonium salt (9CI)
262	90218-71-6	Benzenesulfonyl chloride, [(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]methyl-, branched and linear
263	105656-07-3	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, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-nonadecafluoroundecyl 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, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-pentadecafluorononyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-tricosafuorotridecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-1-Propanaminium, N,N,N-tripropyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)
264	105681-94-5	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-heneicosafuorododecylester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-nonadecafluoroundecyl 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, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-pentadecafluorononyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-tricosafuorotridecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-1-Propanaminium, N,N,N-tripropyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)
265	277749-00-5	2-Propenoic acid, 2-methyl-, 1,1,2,2,3,3,3-heptafluoropropyl ester, polymer with methyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-pentadecafluorononyl 2-methyl-2-propenoate and 1,1,2,2,2-pentafluoroethyl 2-methyl-2-propenoate
266	1017277-36-9	Cyclotetrasiloxane, 2-(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoroundecyl)-2,4,6,8-tetramethyl-, Si-[3-(oxiranylmethoxy)propyl] derivs
267	206886-57-9	Poly(oxy-1,2-ethanediyl), alpha-(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl)-omega-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl)oxy]-
268	122402-79-3	2-Propenoic acid, C16-18-alkyl esters, polymers with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl acrylate
269	160336-09-4	2-Propenoic acid, 2-methyl-, methyl ester, telomere with 1-dodecanethiol, 2-ethylhexyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 2-Propenoic acid
270	321318-71-2	Siloxanes and Silicones, di-Me, mono[3-[(2-methyl-1-oxo-2-propenyl)oxy]propyl group]-terminated, polymers with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol- and 2-hydroxyethyl acrylate-blocked 2,4-TDI-trimethylolpropane
271	501098-09-5	Trisiloxane, 3,3'-(3,3,4,4,5,5,6,6,7,7,8,8-dodecafluoro-1,10-decanediyl)bis[3-[(dimethylsilyl)oxy]-1,1,5,5-tetramethyl-, reaction products with 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-1-undecene
272	185701-89-7	Silicic acid (H4SiO4), disodium salt, 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
273	125476-71-3	Poly[[1,3-bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-1,3,1,3-disiloxanediyldiene]-1,3-
274	161045-59-6	1,5-Trisiloxanediol, 3-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-1,1,3,5,5-pentamethyl- (9CI)
275	165320-75-2	2-Propenoic acid, gamma-omega-perfluoro-C8-14-alkyl esters
276	85631-54-5	Decane, 10-bromo-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
277	21652-57-3	Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
278	38550-35-5	Nonane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,9,9,9-octadecafluoro-8-iodo-
279	922524-04-7	1-Decyne, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
280	55009-88-6	Dodecane, 12-bromo-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-
281	332136-76-2	Decane, 9,10-dibromo-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
282	51249-63-9	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
283	99325-00-5	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
284	92835-74-0	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
285	96791-81-0	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,11,11,12,12,12-docosafuoro-9-iodo-
286	641617-25-6	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,11,11,12,12,13,13,13,14,14,14-tetracosafuoro-9-iodo-
287	53638-09-8	Decane, 9,9,10-tribromo-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
288	59665-26-8	Dodecane, 11,12-dibromo-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-
289	214358-54-0	Octadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
290	176979-17-2	1-Decene, 2-bromo-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
291	51249-65-1	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
292	1257261-93-0	

293	53638-13-4	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,11,11,12,12,13,13,14,14,14-hexacosafuoro-9-iodo-
294	110927-73-6	1-Decene, 2-chloro-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
295	30670-30-5	1-Decanamine, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
296	176979-18-3	Docosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
297	1257261-94-1	Tetracosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
298	176979-19-4	Hexacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
299	1257261-91-8	Hexacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-
300	1257261-95-2	Octacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
301	34143-74-3	1-Decanethiol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
302	38550-45-7	1-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-iodo-
303	356056-15-0	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)bis(1-methylethyl)-
304	136022-91-8	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-2-methyl-
305	135984-68-8	Decanal, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
306	34451-28-0	1-Dodecanethiol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
307	102488-49-3	Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10,11,11,12,12,12-heneicosafuorodecyl)tris(1-methylethyl)-
308	38550-46-8	1-Tridecane, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-heneicosafuoro-2-iodo-
309	56184-40-8	1-Decene, 1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-1-iodo-, (Z)- (9CI)
310	94159-84-9	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-
311	864551-38-2	Dodecanal, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
312	356056-16-1	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)bis(1-methylethyl)-
313	460744-98-3	Docosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22-tetatriacontafluoro-10,13-diiodo-
314	25474-72-0	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-triacontafluoro-9,12-diiodo-
315	51249-69-5	5-Tetradecene, 1,1,1,2,2,3,3,4,4,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-hexacosafuoro-, (E)- (9CI)
316	959462-52-3	Tetracosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,17,17,18,18,19,19,20,20,21,21,22,22,23,23,24,24-tetatriacontafluoro-10,15-diiodo-
317	1254971-75-9	Heneicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21-tetatriacontafluoro-10,12-diiodo-
318	123445-18-1	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)trimethoxy-
319	1221157-06-7	Silanamine, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-N,N,1,1-tetramethyl-
320	53638-14-5	6-Tetradecene, 1,1,1,2,2,3,3,4,4,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-
321	135440-42-5	1,4-Butanediol, 2-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)-
322	35709-15-0	8-Hexadecene, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-
323	64018-23-1	Decanoyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
324	784189-62-4	Heptacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,18,18,19,19,20,20,21,21,22,22,23,23,24,24,25,25,26,26,27,27,27-dotetracontafluoro-12,16-diiodo-
325	1980064-30-9	Octacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,19,19,20,20,21,21,22,22,23,23,24,24,25,25,26,26,27,27,28,28,28-dotetracontafluoro-12,17-diiodo-
326	1980086-18-7	Hexacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,17,17,18,18,19,19,20,20,21,21,22,22,23,23,24,24,25,25,26,26,26-dotetracontafluoro-12,15-diiodo-
327	186599-47-3	Silanediamine, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-N,N,N',N',1-pentamethyl-
328	731858-13-2	Phosphinic acid, P-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
329	146090-84-8	Silane, triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)-
330	64018-26-4	Dodecanoyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
331	142502-68-9	2-Decenal, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-hexadecafluoro-, (2Z)-
332	731858-15-4	Phosphinic acid, P-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)-
333	186599-45-1	Silanetriamine, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-N,N,N',N',N',N'-hexamethyl-
334	136022-86-1	Decanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-2-methyl-
335	521084-64-0	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)tripropoxy-
336	80220-63-9	Phosphonic acid, P-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
337	36880-07-6	1-Propanol, 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-
338	92678-93-8	Phosphonic acid, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, sodium salt (9CI)
339	246234-80-0	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)tris(1-methylethyl)-

340	92678-96-1	Phosphonic acid, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, compd. with N,N-diethylethanamine (1:1) (9CI)
341	27607-42-7	Ethanol, 2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)amino]-
342	864551-40-6	2-Dodecenal, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-eicosafuoro-
343	1383918-01-1	2-Dodecenal, 3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-eicosafuoro-(2Z)-
344	129498-18-6	Disiloxane, 1,3-bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-1,1,3,3-tetramethyl-
345	252237-39-1	Phosphonic acid, P-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)-
346	136909-85-8	3-Undecen-2-one, 4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-hexadecafluoro-, (Z)-(9CI)
347	38565-53-6	Oxirane, 2-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononyl)-
348	61726-43-0	Phosphonic acid, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, dimethyl ester (9CI)
349	142010-50-2	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-isocyanato-
350	195324-88-0	Benzene, 1-bromo-4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
351	27619-90-5	1-Decanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
352	52835-16-2	Oxirane, 2-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)-
353	133377-48-7	Decane, 10,10-diethoxy-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
354	340157-97-3	Benzene, 1-bromo-3-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
355	61726-45-2	Phosphonic acid, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)-, dimethyl ester (9CI)
356	38565-54-7	Oxirane, 2-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafuoroundecyl)-
357	39108-34-4	1-Decanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
358	27607-36-9	Ethanol, 2,2'-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)imino]bis-
359	356055-77-1	Benzenemethanol, 4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
360	609816-23-1	Benzenemethanamine, 4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
361	96497-21-1	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-
362	145876-00-2	Dodecane, 12-azido-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-
363	27619-91-6	1-Dodecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
364	1262446-13-8	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1-(hydrogen sulfate), potassium salt (1:1)
365	93857-45-5	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, 1-(dihydrogen phosphate), ammonium salt (1:2)
366	37858-04-1	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1-acetate
367	90146-96-6	Phosphonic acid, P-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, diethyl ester
368	120226-60-0	1-Dodecanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
369	1262446-14-9	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, 1-(hydrogen sulfate), potassium salt (1:1)
370	125640-21-3	Ethanethioic acid, S-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester
371	36554-97-9	8,10-Heptadecanedione, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,11,11,12,12,13,13,14,14,15,15,16,16,17,17,17-triacontafuoro-
372	854095-13-9	Phosphonic acid, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)-, diethyl ester (9CI)
373	31841-41-5	1-Decanaminium, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-N,N-bis(2-hydroxyethyl)-N-methyl-, iodide (1:1)
374	42977-21-9	Disulfide, bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)
375	90183-56-5	Phosphonic acid, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, bis(1-methylethyl) ester (9CI)
376	500776-69-2	Phosphinic acid, bis(heptadecafluorooctyl)-, sodium salt (9CI)
377	93345-48-3	Decane, 10-(ethenylsulfonyl)-1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
378	96250-52-1	2-Propenoic acid, 2-fluoro-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester
379	25935-14-2	Pyridinium, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, iodide (1:1)
380	61798-68-3	Pyridinium, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, 4-methylbenzenesulfonate (1:1)
381	15498-45-0	2-Propenoic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl ester
382	93776-20-6	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1-(dihydrogen phosphate), ammonium salt (1:1)
383	93776-21-7	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, 1-(dihydrogen phosphate), ammonium salt (1:1)
384	149790-22-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1,1',1''-phosphate
385	142623-70-9	Phenol, 4-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-

386	106554-16-9	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, phosphate (3:1) (9CI)
387	462996-04-9	Phosphine, [4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]dichloro-
388	54950-04-8	2-Butenedioic acid (2Z)-, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester
389	86130-60-1	2-Butenedioic acid (2E)-, mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester (9CI)
390	188034-84-6	Benzoic acid, 4-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]-
391	135587-17-6	2,8,9-Trioxa-5-aza-1-silabicyclo[3.3.3]undecane, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-iododecyl)-
392	152682-85-4	2-Butenedioic acid, 1-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl) ester
393	229957-05-5	2-Butenedioic acid (2Z)-, 1-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl) ester
394	649561-66-0	Benzenemethanol, 4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)- α , α -diphenyl-
395	882186-02-9	Iodine, bis(acetato- β O)[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]- (9CI)
396	113823-56-6	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1-(4-methylbenzenesulfonate)
397	892154-91-5	Phosphine, bis[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]dichloro-
398	93491-54-4	2-Propenoic acid, 2-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)methylamino]ethyl ester
399	243977-25-5	Butanedioic acid, 2-methylene-, 1,4-bis(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl) ester
400	93128-66-6	Glycine, N-[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-2-hydroxypropyl]-N-methyl-
401	342889-38-7	Phosphine, tris[3-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]-
402	865758-37-8	Benzene, 1-[chloro[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]phenylmethyl]-4-methoxy-
403	331716-84-8	5-Pyridinecarboxylic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester
404	234096-30-1	2-Butenedioic acid (2Z)-, 1,4-bis(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl) ester
405	934166-50-4	2-Butenedioic acid (2E)-, 1,4-bis(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl) ester
406	89932-76-3	Benzenesulfonamide, 4-[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)oxy]-
407	1161917-33-4	Benzene, 1-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)sulfonyl]-4-(hexyloxy)-
408	865758-36-7	Benzene, 1-[chlorobis(4-methoxyphenyl)methyl]-4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
409	865758-47-0	Benzenemethanol, 4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)- α , α -bis(4-methoxyphenyl)-
410	343343-17-9	Palladium, dichlorobis[tris[3-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]phosphine- β P]-
411	48077-95-8	2-Propenoic acid, 2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfonyl]methylamino]ethyl ester
412	72276-05-2	2-Propenoic acid, 2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl)sulfonyl]methylamino]ethyl ester
413	864551-34-8	β -D-Glucopyranosiduronic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester
414	556050-49-8	Carbonic acid, 2,5-dioxo-1-pyrrolidinyl [4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]methylester
415	902456-09-1	Thymidine, 5'-O-[[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]bis(4-methoxyphenyl)methyl]-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite]
416	1401422-19-2	Cytidine, N-benzoyl-2'-deoxy-5'-O-[[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]bis(4-methoxyphenyl)methyl]-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite]
417	1401422-22-7	Guanosine, 2'-deoxy-5'-O-[[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl](4-methoxyphenyl)phenylmethyl]-N-(2-methyl-1-oxopropyl)-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite]
418	1401422-21-6	Guanosine, 2'-deoxy-5'-O-[[4-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)phenyl]bis(4-methoxyphenyl)methyl]-N-(2-methyl-1-oxopropyl)-, 3'-[2-cyanoethyl N,N-bis(1-methylethyl)phosphoramidite]
419	18017-20-4	Octane, 1,1,1,2,2,3,3,4,4,5,5,6,6-dodecafluoro-8-iodo-2-(trifluoromethyl)-
420	20015-46-7	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-dodecafluoro-7-(trifluoromethyl)-
421	16083-62-8	1-Nonanol, 4,4,5,5,6,6,7,7,8,8,9,9-dodecafluoro-2-iodo-8-(trifluoromethyl)-
422	58935-89-0	2-Nonanol, 1-amino-4,4,5,5,6,6,7,7,8,8,9,9-dodecafluoro-8-(trifluoromethyl)-
423	24564-77-0	Oxirane, 2-[2,2,3,3,4,4,5,5,6,7,7-dodecafluoro-6-(trifluoromethyl)heptyl]-
424	50836-65-2	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-dodecafluoro-7-(trifluoromethyl)octyl ester

425	50836-66-3	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,8,8,8-dodecafluoro-7-(trifluoromethyl)octyl ester
426	30769-91-6	2-Propenethioic acid, 2-methyl-, S-[3,3,4,4,5,5,6,6,7,8,8,8-dodecafluoro-7-(trifluoromethyl)octyl] ester
427	16083-75-3	2-Propenoic acid, 4,4,5,5,6,6,7,7,8,9,9,9-dodecafluoro-2-hydroxy-8-(trifluoromethyl)nonyl ester
428	16083-81-1	2-Propenoic acid, 2-methyl-, 4,4,5,5,6,6,7,7,8,9,9,9-dodecafluoro-2-hydroxy-8-(trifluoromethyl)nonyl ester
429	610778-18-2	Phenol, 4-bromo-2-[4,4,5,5,6,6,7,7,8,9,9,9-dodecafluoro-8-(trifluoromethyl)nonyl]-
430	72623-77-9	Fatty acids, C6-18, perfluoro, ammonium salts
431	332076-28-5	2-Oxepanone, homopolymer, decyl perfluoro-C8-14-alkyl esters, reaction products with 1H-imidazole-1-propanamine, polyethylene-polypropyleneglycol and TDI
432	332076-33-2	2-Oxepanone, homopolymer, decyl perfluoro-C8-14-alkyl esters, reaction products with 1H-imidazole-1-propanamine and TDI homopolymer
433	332076-34-3	2-Oxepanone, homopolymer, decyl perfluoro-C8-14-alkyl esters, reaction products with 1H-imidazole-1-propanamine, polyethylene glycol and TDI homopolymer
434	68391-08-2	Alcohols, C8-14, γ - ω -perfluoro
435	90622-43-8	Alcohols, C7-22, ε - ω -perfluoro-, β - δ -fluoro
436	93776-01-3	2-Tridecanol, 1,1'-[oxybis[(1-methyl-2,1-ethanediyl)oxy]]bis[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-heneicosafuoro-(9CI)]
437	93776-07-9	2,5,8,11,14,17,20,23,26,29-Decaoxadotetracontan-31-ol, 33,33,34,34,35,35,36,36,37,37,38,38,39,39,40,40,41,41,42,42,42-heneicosafuoro-
438	85631-40-9	Quaternary ammonium compounds, dimethyl(γ - ω -perfluoro-C8-14- β -alkenyl)[2-(sulfoxy)ethyl], inner salts
439	91081-09-3	Quaternary ammonium compounds, (hydroxyethyl)dimethyl(γ - ω -perfluoro-C8-14- β -alkenyl), chlorides
440	92129-34-5	Quaternary ammonium compounds, (hydroxyethyl)dimethyl(γ - ω -perfluoro-C8-14- β -alkenyl), Me sulfates (salts)
441	97660-44-1	Ethanol, 2-(methylamino)-, N-(γ - ω -perfluoro-C8-14- β -alkenyl) derivs.
442	98219-29-5	Betaines, N-(hydroxyethyl)-N-methyl-N-(2-sulfoethyl)-N-(1,1,2-trihydroperfluoro-C8-14-2-alkenyl)
443	115340-82-4	Betaines, (hydroxyethyl)methyl(γ , ω -perfluoro-C8-14- β -alkenyl)(2-sulfopropyl)
444	115535-36-9	Quaternary ammonium compounds, trimethyl(δ - ω -perfluoro-C8-14- β -alkenyl), chlorides
445	127133-57-7	Quaternary ammonium compounds, diethylmethyl(γ - ω -perfluoro-C8-14- β -alkenyl), Me sulfates
446	145477-02-7	Quaternary ammonium compounds, diethylmethyl(γ - ω -perfluoro-C8-14- β -alkenyl), tetraphenylborates
447	153325-45-2	Quaternary ammonium compounds, diethylmethyl(γ - ω -perfluoro-C8-14- β -alkenyl), tetrafluoroborates
448	238420-68-3	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., di-me esters
449	238420-80-9	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., bis[4-(ethenyloxy)butyl] esters
450	510732-30-6	Fatty acids, C9-15-unsatd., γ - ω -perfluoro, Et esters, reaction products with(3-hydroxypropoxy)-terminated di-Me siloxanes, Me Et ketone oxime, polymethylenepolyphenylene isocyanate and polypropylene
451	93705-98-7	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, polymer with methyl 2-methyl-2-propenoate
452	91648-32-7	2-Propenoic acid, ε - ω -perfluoro-C8-22-alkyl esters, γ - δ -fluoro derivs.
453	90062-89-8	2-Propenoic acid, 2-methyl-, 2-(acetyloxy)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-octadecafluoro-11-(trifluoromethyl)dodecyl ester, homopolymer (9CI)
454	68954-01-8	1,2,4,5-Benzenetetracarboxylic acid, mixed 3-chloro-2-hydroxypropyl and γ - ω -perfluoro-C8-14-alkyl esters
455	119973-85-2	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide,
456	142636-88-2	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate
457	142636-90-6	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, 2-hydroxyethyl 2-propenoate, 2-methyloxirane polymer with oxirane mono(2-methyl-2-propenoate), and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-

458	142636-91-7	2-Propenoic acid, 2-methyl-, phenylmethyl ester, polymer with 1,1-dichloroethene, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, 2-hydroxyethyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-
459	146289-38-5	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, block, peroxidized adipoyl chloride-triethylene glycol polymer-initiated
460	150135-57-2	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, γ - ω -perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-(1,2-diazenediyl)bis[2,4-dimethylpentanenitrile]-
461	174125-96-3	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with δ - ω -perfluoro-C10-16-alkyl acrylate and vinyl acetate
462	178233-67-5	2-Propenoic acid, C12-14-alkyl esters, polymers with Bu (1-oxo-2-propenyl)carbamate and δ - ω -perfluoro-C6-12-alkyl acrylate
463	178535-23-4	Fatty acids, linseed-oil, γ - ω -perfluoro-C8-14-alkyl esters
464	186397-57-9	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with γ - ω -perfluoro-C10-16-alkyl acrylate and vinyl acetate
465	193635-71-1	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, peroxidized adipoyl chloride-triethylene glycol polymer-initiated
466	196316-34-4	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with γ - ω -perfluoro-C10-16-alkyl acrylate and vinyl acetate, acetates
467	202875-75-0	2-Propenoic acid, 2-methyl-, γ - ω -perfluoro-C6-16-alkyl esters, polymers with 1-(3,4-dichlorophenyl)-1H-pyrrole-2,5-dione and sodium 4-ethenylbenzenesulfonate
468	203743-03-7	2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethylmethacrylate, γ - ω -perfluoro-C10-16-alkyl acrylate and stearyl
469	221455-72-7	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, reaction products with 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and Me Et ketone oxime, polymers with 2-ethylhexyl acrylate, 2-hydroxyethyl acrylate and γ - ω -
470	376364-33-9	Alcohols, C8-14, γ - ω -perfluoro, polymers with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), methanol, stearyl acrylate, stearyl methacrylate, 2,4-TDI and vinyl chloride
471	479029-28-2	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with γ - ω -perfluoro-C8-14-alkyl acrylate, acetates, N-oxides
472	84029-54-9	10,13,16,19-Tetraoxaocacosadiene, tetratriacontafuoro- (9CI)
473	502135-45-7	2-Butenedioic acid (2Z)-, bis(2-ethylhexyl) esters, polymers with N-(hydroxymethyl)-2-propenamide, γ - ω -perfluoro-C8-18-alkyl acrylate and vinyl
474	503284-73-9	2-Propenoic acid, 2-methyl-, oxiranylmethyl ester, polymers with γ - ω -perfluoro-C6-16-alkyl acrylate and stearyl acrylate
475	503287-56-7	2-Propenoic acid, γ - ω -perfluoro-C6-16-alkyl esters, polymers with acrylonitrile, N-(butoxymethyl)-2-propenamide, polyethylene glycol dimethacrylate and polyethylene glycol methacrylate Me ether
476	503296-97-7	2-Butenedioic acid, 2-methyl-, (2Z)-, polymers with γ - ω -perfluoro-C8-16-alkyl acrylate, stearyl acrylate and styrene
477	503297-86-7	2-Propenoic acid, polymers with γ - ω -perfluoro-C6-16-alkyl acrylate and stearyl acrylate
478	503299-29-4	2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester, polymers with C14-24-alkyl methacrylate, cyclohexyl methacrylate, 2-hydroxyethyl acrylate, γ - ω -perfluoro-C6-16-alkyl acrylate and 2-[[[[[1,3,3-trimethyl-5-[[[(1-methylpropylidene)amino]oxy]carbonyl]amino]cyclohexyl]methyl]amino]carbonyl]oxy]ethyl methacrylate
479	503299-50-1	2-Propenoic acid, 2-methyl-, 2-[[[[[1,3,3-trimethyl-5-[[[(1-methylpropylidene)amino]oxy]carbonyl]amino]cyclohexyl]methyl]amino]carbonyl]oxy]ethyl ester, polymers with 2-ethylhexyl acrylate, 2-hydroxyethyl acrylate and γ - ω -perfluoro-C6-16-alkyl acrylate
480	509086-57-1	Alkyl iodides, C8-20, γ - ω -perfluoro, reaction products with potassium acrylate
481	510732-38-4	2-Propenoic acid, 2-methyl-, cyclohexyl ester, polymers with maleicanhydride, γ - ω -perfluoro-C6-16-alkyl acrylate and 2,4,6-tris(2-propenyloxy)-1,3,5-triazine
482	510732-48-6	2-Propenoic acid, 2-methyl-, octadecyl ester, polymers with γ - ω -perfluoro-C8-14-alkyl acrylate
483	510733-10-5	2-Propenoic acid, 2-methyl-, polymers with ethylene dimethacrylate, ethylene oxide, nonadecyl acrylate, γ - ω -perfluoro-C6-16-alkyl acrylate and propylene oxide
484	510734-75-5	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, telomers with Et acrylate, 1-octanethiol and γ - ω -perfluoro-C6-16-alkyl acrylate
485	511271-18-4	2-Propenoic acid, γ - ω -perfluoro-C8-16-alkyl esters, polymers with ethylene and N-(hydroxymethyl)-2-propenamide
486	511271-19-5	2-Propenoic acid, 2-methyl-, cyclohexyl ester, polymers with glycidylmethacrylate and γ - ω -perfluoro-C6-16-alkyl acrylate

487	512179-48-5	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymers with 2-[2-(2-(2-hydroxyethoxy)ethoxy)ethoxy]ethyl methacrylate, 14-hydroxy-3,6,9,12-tetraoxahexadec-1-yl methacrylate and γ - ω -perfluoro-C6-16-alkyl acrylate
488	515152-55-3	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymers with γ - ω -perfluoro-C8-16-alkyl acrylate and polyethylene glycol monoacrylate
489	57677-98-2	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, hydrogen phosphate, compd. with 2,2'-iminobis[ethanol](1:1) (9CI)
490	85995-91-1	Alkyl iodides, C8-14, γ - ω -perfluoro
491	185630-70-0	Alcohols, C8-14, γ - ω -perfluoro, reaction products with epichlorohydrin and propylene oxide, trimethylamine-quaternized
492	68516-17-6	Sulfuric acid, mono(γ - ω -perfluoro-C6-12-alkyl) esters, ammonium salts
493	68784-73-6	2-Propenoic acid, 2-methyl-, 2-[methyl[(γ - ω -perfluoro-C8-14-alkyl)sulfonyl]amino]ethyl esters, reaction products with polyethylene glycolbis(2-mercaptoacetate)
494	68988-52-3	2-Propenoic acid, 2-methyl-, C4-8-alkyl esters, polymers with 2-[methyl[(γ - ω -perfluoro-C8-14-alkyl)sulfonyl]amino]ethyl acrylate
495	68988-53-4	2-Propenoic acid, 2-methyl-, C4-18-alkyl esters, polymers with 2-[methyl[(γ - ω -perfluoro-C8-14-alkyl)sulfonyl]amino]ethyl acrylate
496	68988-54-5	2-Propenoic acid, 2-methyl-, C7-8-alkyl esters, polymers with 2-[methyl[(γ - ω -perfluoro-C8-14-alkyl)sulfonyl]amino]ethyl acrylate
497	68988-55-6	2-Propenoic acid, 2-methyl-, C7-18-alkyl esters, polymers with 2-[methyl[(γ - ω -perfluoro-C8-14-alkyl)sulfonyl]amino]ethyl acrylate
498	84238-62-0	Sulfuric acid, mono(γ - ω -perfluoro-C8-12-alkyl) esters, ammonium salts
499	85995-90-0	Sulfuric acid, mono(γ - ω -perfluoro-C8-14-alkyl) esters
500	101940-12-9	Sulfuric acid, mono(γ - ω -perfluoro-C8-14-alkyl) esters, ammonium salts
501	170424-64-3	Siloxanes and Silicones, hydroxy Me, Me octyl, Me (γ - ω -perfluoro C8-14-alkyl)oxy, ethers with polyethylene glycol mono-Me ether
502	206009-80-5	Amines, C12-14-tert-alkyl, compds. with γ - ω -perfluoro-C6-12-alkyldihydrogen phosphate (1:1)
503	206009-81-6	Amines, C12-14-tert-alkyl, compds. with bis(γ - ω -perfluoro-C6-12-alkyl)hydrogen phosphate (1:1)
504	68037-23-0	1,4-Butanediol, 2,3-bis[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs., polymers with 1,6-diisocyanatotrimethylhexane and 2,2'-(methylimino)bis[ethanol]
505	68140-20-5	Thiols, C6-12, γ - ω -perfluoro
506	68140-21-6	Thiols, C10-20, γ - ω -perfluoro
507	68187-24-6	1,4-Butanediol, 2,3-bis[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs.
508	68187-25-7	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2(or 3)-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs.
509	143372-54-7	Siloxanes and Silicones, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy Me, hydroxy Me, Me octyl, ethers with polyethylene glycol mono-Me ether
510	160965-19-5	Siloxanes and Silicones, hydrogen γ - ω -perfluoro-C6-10-alkyl
511	180582-79-0	Sulfonic acids, C6-12-alkane, γ - ω -perfluoro, ammonium salts
512	297175-71-4	Sulfonic acids, C8-20-alkane, γ - ω -perfluoro, compds. with triethylamine
513	70983-59-4	Poly(oxy-1,2-ethanediyl), α -methyl- ω -hydroxy-, 2-hydroxy-3-[(γ - ω -perfluoro-C6-20-alkyl)thio]propyl ethers
514	70983-60-7	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-, 3-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs., chlorides
515	70983-61-8	1-Propanol, 2,3-bis[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs.
516	71205-28-2	1,4-Butanediol, polymers with 2,3-bis[(γ - ω -perfluoro-C6-20-alkyl)thio]-1,4-butanediol, C36-alkylene diisocyanate and 1,6-diisocyanato-2,2,4(or 2,4,4)-
517	71608-37-2	Acetic acid, bis[(γ - ω -perfluoro-C8-20-alkyl)thio] derivs.
518	71608-39-4	Acetic acid, bis[(γ - ω -perfluoro-C8-20-alkyl)thio] derivs., Me esters
519	71608-40-7	Acetic acid, bis[(γ - ω -perfluoro-C8-20-alkyl)thio] derivs., sodium salts
520	71608-43-0	bicyclo[2.2.1]heptane-2,3-dicarboxylic acid, 5-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs.
521	71608-44-1	Chromium, bis[(γ - ω -perfluoro-C8-20-alkyl)thio]acetate chloro hydroxy complexes
522	71608-45-2	Chromium, 4,4-bis[(γ - ω -perfluoro-C8-20-alkyl)thio]pentanoate chlorohydroxy complexes
523	71608-46-3	Chromium, chloro hydroxy 5-[(γ - ω -perfluoro-C8-20-alkyl)thio]bicyclo[2.2.1]heptane-2,3-dicarboxylate complexes
524	71608-58-7	4,7-Methanoisobenzofuran-1,3-dione, hexahydro-, 5-[(γ - ω -perfluoro-C8-20-alkyl)thio] derivs.
525	71608-60-1	Pentanoic acid, 4,4-bis[(γ - ω -perfluoro-C8-20-alkyl)thio] derivs.
526	71608-63-4	Propanamide, N-(1,1-dimethyl-3-oxobutyl)-, 3-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs.
527	72779-05-6	Carbamic acid, N-[4-methyl-3-[[[(2-methyl-1-aziridiny)carbonyl]amino]phenyl]-, 2-[[[3,3,4,4,5,5,6,6,7,7,8,8,8-dodecafluoro-7-(trifluoromethyl)octyl]thio]-1-[[[3,3,4,4,5,5,6,6,7,7,8,8,8-dodecafluoro-7-(trifluoromethyl)octyl]thio]methyl]ethyl ester

528	118400-71-8	Disulfides, bis(γ - ω -perfluoro-C6-20-alkyl)
529	144468-31-5	1,3-Propanediol, 2,2-bis(bromomethyl)-, reaction products with ethanethiol-tetrafluoroethylene telomer
530	68990-40-9	Fatty acids, C18-unsatd., dimers, diisocyanates, polymers with 2,3-bis(γ - ω -perfluoro-C4-18-alkyl)-1,4-butanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane and 2,2'-(methylimino)bis[ethanol]
531	113089-67-1	Thiols, C4-20, γ - ω -perfluoro, reaction products with methylatedformaldehyde-1,3,5-triazine-2,4,6-triamine polymer
532	118102-37-7	Alcohols, C8-14, γ - ω -perfluoro, reaction products with epichlorohydrin,polyethylene glycol mono-Me ether and N,N',2-tris(6-
533	118102-38-8	Alcohols, C8-14, γ - ω -perfluoro, reaction products with epichlorohydrin,tetrahydrofuran homopolymer and N,N',2-tris(6-
534	135228-60-3	Hexane, 1,6-diisocyanato-, homopolymer, γ - ω -perfluoro-C6-20-alc.-blocked
535	144468-32-6	1,3-Propanediol, 2,2-bis(bromomethyl)-, reaction products with ethanethiol-tetrafluoroethylene telomer, polymers with 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexaneand 2,2'-(methylimino)bis[ethanol]
536	148240-86-2	1,3-Propanediol, 2,2-bis[(γ - ω -perfluoro-C6-12-alkyl)imino]methyl]
537	148240-88-4	1,3-Propanediol, 2,2-bis[(γ - ω -perfluoro-C10-20-alkyl)imino]methyl]
538	253873-70-0	Alcohols, C8-14, γ - ω -perfluoro, polymers with 1,6-diisocyanatohexane,ethylene glycol, glycidol and 2,4-TDI
539	26650-10-2	Thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester
540	34455-21-5	1-Propanaminium, N-(carboxymethyl)-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfonyl]amino]-N,N-dimethyl-, inner salt
541	34455-35-1	1-Propanaminium, N-(carboxymethyl)-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-
542	52299-27-1	Phosphinic acid, bis(heneicosafuorodecyl)- (9CI)
543	57677-97-1	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, hydrogenphosphate, compd. with 2,2'-iminobis[ethanol] (1:1) (9CI)
544	68155-04-4	Alkenes, C4-20 α -, γ - ω -perfluoro
545	88248-34-4	2-Propenoic acid, 2-methyl-, methyl ester, polymer with3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate
546	90146-97-7	Phosphonic acid, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, compd. with N,N-diethylethanamine (9CI)
547	90718-04-0	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with octadecyl 2-propenoate
548	93776-02-4	2-Undecanol, 1,1'-[oxybis[(1-methyl-2,1-ethanediyloxy]]bis[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-(9CI)
549	93776-08-0	2,5,8,11,14,17,20,23,26,29-Decaoxatetracontan-31-ol,33,33,34,34,35,35,36,36,37,37,38,38,39,39,40,40,40-heptadecafluoro-
550	93776-14-8	1-Propanaminium, N-(2-carboxyethyl)-3-[[[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl)amino]-N,N-dimethyl-, inner salt
551	94158-61-9	2-Undecanol, 1-[2-(2-butoxyethoxy)ethoxy]-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-
552	94159-85-0	1-Aziridineethanol, α -(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluorononyl)-
553	94159-86-1	2-Undecanol, 1-(ethenylxy)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-
554	94159-87-2	Glycine, N-(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl)-N-methyl-, monopotassium salt (9CI)
555	94159-91-8	2-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-1-phenoxy-
556	97259-81-9	2-Butenoic acid, 4-oxo-4-[[[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl)amino]-, (Z)- (9CI)
557	104242-01-5	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, polymer with octadecyl 2-methyl-2-propenoate
558	105416-14-6	1,2-Nonanediol, 4,4,5,5,6,6,7,7,8,9,9-dodecafluoro-8-(trifluoromethyl)-, 1-(dihydrogen phosphate)
559	106826-29-3	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester, polymer with ethenyltriethoxysilane (9CI)
560	107097-76-7	1,3-Isobenzofurandione, polymer with α -fluoro- ω -(oxiranylmethyl)poly(difluoromethylene) and (phenoxymethyl)oxirane (9CI)
561	110070-82-1	Surflon 113 (9CI)
562	110570-84-8	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-heneicosafuorododecyl ester, polymer with3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 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-pentacosafuorotetradecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate (9CI)

563	112310-55-1	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 1,1-dichloroethene, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 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 and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate (9CI)
564	112311-93-0	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with 1,1-dichloroethene, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly(oxy-1,2-ethanediyl), 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 2-propenoate, octadecyl 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-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate (9CI)
565	112328-98-0	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 1,1-dichloroethene, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 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 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 (9CI)
566	113150-11-1	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 2-(phosphonoxy)ethyl 2-methyl-2-propenoate, block (9CI)
567	118570-85-7	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate
568	119973-84-1	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, α -(2-methyl-1-oxo-2-propenyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl), 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 2-propenoate, octadecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate
569	121065-52-9	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, block
570	127133-54-4	Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, polymers with 2-butyne-1,4-diol- γ - ω -perfluoro C10-20 thiol reaction product and 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane
571	146443-00-7	Silane, trichloro(heptadecafluorodecyl)-
572	149724-40-3	1-Decanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, ammonium salt (1:1)
573	150409-17-9	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, γ - ω -perfluoro-C8-14-alkyl acrylate and polyethylene
574	150409-18-0	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with acrylonitrile, γ - ω -perfluoro-C8-14-alkyl acrylate, polyethylene
575	150409-19-1	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Me methacrylate, γ - ω -perfluoro-C8-14-alkyl acrylate, polyethylene glycol monomethacrylate and stearyl methacrylate
576	151686-30-5	Thiols, C4-20, γ - ω -perfluoro, reaction products with hexakis(methoxymethyl)melamine and vinyl tert-decanoate
577	152992-46-6	Silane, diethoxy(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)methyl-
578	154965-63-6	2-Propenoic acid, 2-methyl-, butyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate, block
579	160336-21-0	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2 (or 3)-[(γ - ω -perfluoro-C3-14-alkyl)thio] derivs.
580	160402-15-3	Alkyl iodides, C1-24, perfluoro
581	160402-26-6	Quaternary ammonium compounds, bis(hydroxyethyl)methyl(δ - ω -perfluoro- β -hydroxy-C10-14-alkyl), iodides
582	160498-33-9	Phosphoric acid, mono(perfluoro-C10-18-alkyl) esters, diammonium salts
583	160709-28-4	1,2-Benzenedicarboxylic acid, bis(γ - ω -perfluoro-1-methyl-C5-20-alkyl) esters
584	160994-74-1	Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, reaction products with ammonia

585	162491-88-5	Imidodicarbonic diamide, N,N',2-tris(6-isocyanatohexyl)-, reaction products with glycidol, hydrolyzed ethylene-pentafluoroiodoethane-tetrafluoroethylene telomer reaction product and stearyl alc.
586	163921-85-5	Trisiloxane, 3-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-1,1,1,3,5,5,5-heptamethyl-
587	165967-96-4	Poly(oxy-1,2-ethanediyl), $\alpha, \alpha', \alpha''$ -[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)silyldiyl]tris[oxy(dimethylsilylene)-3,1-propanediyl]]tris[ω -methoxy-
588	167229-03-0	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with 1-ethenyl-4-[(undecafluorohexenyl)oxy]benzene, graft(9CI)
589	170004-70-3	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-, 1,1'-(hydrogen phosphate)
590	176590-84-4	Propanoic acid, 3-[(γ - ω -perfluoro-C6-18-alkyl)thio] derivs.
591	176741-19-8	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2-ethylhexyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, α -(2-methyl-1-oxo-2-propen-1-yl)- ω -methoxypoly(oxy-1,2-ethanediyl), α -(2-methyl-1-oxo-2-propen-1-yl)- ω -[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,2-ethanediyl) and 3-[3,3,3-trimethyl-1,1-bis[(trimethylsilyl)oxy]-1-disiloxanyl]propyl
592	176894-23-8	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate, α -(2-methyl-1-oxo-2-propenyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl) and 3-[3,3,3-trimethyl-1,1-bis[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-
593	182700-79-4	Alcohols, C1-20, reaction products with glycidol, γ - ω -perfluoro C8-14 alcs. and N,N',2-tris(6-isocyanatohexyl)imidodicarbonic diamide
594	200295-54-1	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymers with N-(hydroxymethyl)-2-methyl-2-propenamide and γ - ω -perfluoro-C10-16-alkylacrylate
595	200295-55-2	2-Propenoic acid, 2-methyl-, butyl ester, polymers with 2-ethylhexylmethacrylate, N-(hydroxymethyl)-2-methyl-2-propenamide and γ - ω -perfluoro-C10-14-alkyl methacrylate
596	200413-68-9	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and methyloxirane polymer with oxirane mono-2-propenoate (9CI)
597	200513-42-4	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate
598	210432-72-7	Alkenes, C8-14 α, γ - ω -perfluoro
599	212013-58-6	2-Propenoic acid, γ - ω -perfluoro-C8-20-alkyl esters
600	214002-95-6	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate butyl ether, and
601	218286-10-3	Siloxanes and Silicones, di-Me, mono[3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group]-terminated, polymers with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl methacrylate, 3a,4,7,7a,?,?-hexahydro-4,7-methano-1H-indenyl acrylate and tricyclo[3.3.1.1 ^{3,7}]dec-1-yl methacrylate
602	220459-70-1	Glycine, N,N-bis[2-hydroxy-3-(2-propen-1-yloxy)propyl]-, sodium salt(1:1), reaction products with ammonium hydroxide and 1,1,1,2,2-pentafluoro-2-iodoethane-tetrafluoroethylene telomer
603	221455-57-8	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, reaction products with 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and Me Et ketone oxime, polymers with γ - ω -perfluoro-C8-20-alkyl acrylate and stearylacrylate
604	221455-61-4	2-Propenoic acid, γ - ω -perfluoro-C8-20-alkyl ester, polymers with acrylonitrile, polyethylene glycol dimethacrylate and polyethylene glycolmethacrylate Me ether
605	221455-62-5	2-Propenoic acid, 2-methyl-, oxiranylmethyl ester, polymers with acrylic acid-glycidyl Ph ether-TDI reaction product, γ - ω -perfluoro-C8-20-alkylacrylate and
606	221455-63-6	2-Propenoic acid, 2-hydroxyethyl ester, polymers with γ - ω -perfluoro-C8-20-alkyl acrylate and stearyl acrylate
607	221455-64-7	2-Butenedioic acid (2Z)-, bis(2-ethylhexyl) ester, polymers with 2-hydroxyethyl methacrylate-5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane-Me Et ketone oxime reaction product, γ - ω -perfluoro-C8-20-alkyl acrylate and vinyl
608	221455-67-0	2-Butenedioic acid (2Z)-, bis(2-ethylhexyl) ester, polymers with N,N-dimethyl-2-propenamide, γ - ω -perfluoro-C8-20-alkyl acrylate and vinylchloride
609	221455-71-6	2-Butenedioic acid (2Z)-, bis(2-ethylhexyl) ester, polymers with N-(hydroxymethyl)-2-propenamide, γ - ω -perfluoro-C8-20-alkyl acrylate and vinyl chloride
610	221455-73-8	2-Propenoic acid, 2-methyl-, methyl ester, polymer with γ - ω -perfluoro-C8-20-alkyl acrylate
611	223586-53-6	Alcohols, C8-14, γ - ω -perfluoro, polymers with 5-amino-1,3,3-trimethylcyclohexanemethanamine, carbonic acid, 1,6-diisocyanatohexane, 1,6-hexanediol, 1,1'-methylenebis[4-isocyanatocyclohexane] and trimethylolpropane

612	224790-87-8	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymers with γ - ω -perfluoro-C8-20-alkyl acrylate and polyethylene glycol monomethacrylate
613	224790-97-0	2-Propenoic acid, γ - ω -perfluoro-C8-20-alkyl esters, polymers with polyethylene glycol monomethacrylate and polypropylene glycol monomethacrylate
614	230295-05-3	Butanedioic acid, 2-methylene-, 4-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctyl) ester
615	247047-61-6	2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester, polymers with glycidyl methacrylate and γ - ω -perfluoro-C6-20-alkyl acrylate, acetates(salts)
616	247109-50-8	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-heneicosafuorododecylester, polymer with N-(butoxymethyl)-2-methyl-2-propenamide, dodecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl 2-methyl-2-propenoate, N-(hydroxymethyl)-2-methyl-2-propenamide, octadecyl 2-propenoate, oxiranylmethyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-methyl-2-propenoate (9CI)
617	256488-93-4	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl 2-propenoate, isooctadecyl 2-propenoate, α -(2-methyl-1-oxo-2-propenyl)- ω -methoxypoly(oxy-1,2-ethanediyl), α -(2-methyl-1-oxo-2-propenyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl) and rel-(1R,2R,4R)-1,7,7-
618	260794-06-7	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymers with N-(hydroxymethyl)-2-propenamide, γ - ω -perfluoro-C8-16-alkyl acrylate and stearyl acrylate
619	260794-09-0	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymers with N-(hydroxymethyl)-2-propenamide, γ - ω -perfluoro-C8-16-alkyl acrylate, stearyl acrylate and vinyl chloride
620	263260-98-6	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2-ethylhexyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl 2-propenoate, isooctadecyl 2-propenoate, 2-methyloxirane polymer with oxirane mono-2-propenoate, and α -(2-methyl-1-oxo-2-propen-1-yl)- ω -methoxypoly(oxy-1,2-ethanediyl)
621	277752-44-0	Hexanedioic acid, dimethyl ester, polymers with 2,2-bis(bromomethyl)-1,3-propanediol-ethanethiol-tetrafluoroethylene telomer reaction products
622	287391-07-5	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecylester, homopolymer, syndiotactic (9CI)
623	304012-61-1	2-Propenoic acid, 2-methyl-, polymers with 2-ethylhexyl methacrylate, N-(hydroxymethyl)-2-propenamide and 2-[methyl[(γ - ω -perfluoro-C8-14-alkyl)sulfonyl]amino]ethyl acrylate
624	321371-84-0	Siloxanes and Silicones, di-Me, mono[3-[(2-methyl-1-oxo-2-propenyl)oxy]propyl group]-terminated, polymers with 2-[[[[5-[[[2-[[[[[5-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl)oxy]carbonyl]amino]-2-
625	330809-58-0	2-Propenoic acid, dodecyl ester, polymers with (chloromethyl)ethenylbenzene, N-(hydroxymethyl)-2-propenamide and γ - ω -perfluoro-C10-14-alkyl acrylates
626	339163-51-8	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymers with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-1-decanol- and 2-hydroxyethyl acrylate-blocked 2,4-TDI-trimethylolpropane polymer, Memethacrylate and octahydro-4,7-methano-1H-indenyl acrylate, tert-Bu 2-ethylhexaneperoxoate-
627	348137-34-8	3-Cyclohexene-1-carboxylic acid, 6-[(di-2-propenylamino)carbonyl]-, (1R,6R)-rel-, reaction products with pentafluoroiodoethane-tetrafluoroethylene telomer
628	357924-15-3	2-Propenoic acid, 2-methyl-, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate and 2-methylpropyl 2-methyl-2-propenoate
629	374551-53-8	Alcohols, C8-14, γ - ω -perfluoro, polymers with 1,3-butanediol, 1,3-diisocyanatomethylbenzene and 2-ethyl-2-(hydroxymethyl)-1,3-propanediol
630	380843-06-1	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl ester, telomer with 1-dodecanethiol, methyl 2-methyl-2-propenoate, α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly(oxy-1,2-ethanediyl) and α -(2-methyl-1-oxo-2-propenyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl) (9CI)
631	393582-46-2	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecylester, polymer with methyloxirane polymer with oxirane mono-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated
632	393582-59-7	2-Propenoic acid, octahydro-4,7-methano-1H-indenyl ester, polymers with γ - ω -perfluoro-C6-22-alkyl acrylate and polyethylene glycol methacrylate Meether, di-Me 2,2'-azobis[2-methylpropanoate]-initiated
633	393819-33-5	2-Propenoic acid, octadecyl ester, polymers with γ - ω -perfluoro-C6-22-alkyl acrylate
634	399026-30-3	1,4-Butanediol, polymer with 1,6-diisocyanatohexane, 2-ethyl-1-hexanol- and γ - ω -perfluoro-C8-14-alc.-blocked
635	438237-77-5	1-Propanaminium, 3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl)sulfonyl]amino]-N,N,N-trimethyl-, 4-methylbenzenesulfonate

636	459415-06-6	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5-furandione, γ - ω -perfluoro-C8-14-alkyl esters, tert-Bubenzenecarboperoxoate-initiated
637	464178-90-3	2-Propen-1-ol, reaction products with 1,1,1,2,2-pentafluoro-2-iodoethane-tetrafluoroethylene telomer, dehydroiodinated, reaction products with epichlorohydrin and triethylenetetramine
638	476304-39-9	Propanoic acid, 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-2-methyl-, lithium salt (1:1)
639	477529-30-9	2-Propenoic acid, 2-methyl-, 3-(trimethoxysilyl)propyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and octadecyl 2-propenoate (9CI)
640	503431-63-8	Proline, 1-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfonyl]-, lithium salt (9CI)
641	503448-36-0	2-Propenoic acid, 2-methyl-, methyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, isooctadecyl 2-propenoate, α -(2-methyl-1-oxo-2-propenyl)- ω -methoxypoly(oxy-1,2-ethanediyl) and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate, 2,2'-azobis[2-methylbutanenitrile]-
642	503621-60-1	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with α -(2-methyl-1-oxo-2-propenyl)- ω -methoxypoly(oxy-1,2-ethanediyl), tert-Bu 2-ethylhexaneperoxoate-initiated
643	503621-79-2	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with α -(2-methyl-1-oxo-2-propenyl)- ω -methoxypoly(oxy-1,2-ethanediyl), di-Me 2,2'-azobis[2-methylpropanoate]-initiated
644	503621-80-5	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly(oxy-1,2-ethanediyl), tert-Bu 2-ethylhexaneperoxoate-initiated
645	503621-81-6	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with α -(2-methyl-1-oxo-2-propen-1-yl)- ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)], tert-Bu 2-ethylhexaneperoxoate-initiated
646	504395-90-8	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with octahydro-4,7-methano-1H-indenyl 2-propenoate
647	518045-14-2	2-Propenoic acid, 2-methyl-, cyclohexyl ester, polymers with maleicanhydride, γ - ω -perfluoro-C8-20-alkyl acrylate and 2,4,6-tris(2-propenyloxy)-1,3,5-triazine
648	524729-93-9	2-Propenoic acid, polymer with butyl 2-propenoate and 2,5-furandione, γ - ω -perfluoro-C8-14-alkyl esters, potassium salts, tert-Bubenzenecarboperoxoate-
649	644965-83-3	1,3-Butanediol, polymer with 1,3-diisocyanatomethylbenzene and 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol- and Me Et ketone oxime-blocked
650	671756-62-0	2-Propenoic acid, δ - ω -perfluoro-C9-15-alkyl esters
651	761418-87-5	Poly(difluoromethylene), α -(2-hydroxyethyl)- ω -[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]- (9CI)
652	790697-52-8	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with α -(1-oxo-2-propen-1-yl)- ω -hydroxypoly[oxy(methyl-1,2-
653	831241-91-9	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecylester, polymer with ethyloxirane homopolymer monoether with 1,2-propanediol mono(2-methyl-2-propenoate), tert-Bu 2-ethylhexaneperoxoate-initiated
654	878409-15-5	2-Propenoic acid, mixed hexaesters with dipentaerythritol and 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]propanoic acid
655	1078142-10-5	1,3-Propanediol, 2,2-bis[[γ - ω -perfluoro-C6-12-alkyl)thio]methyl] derivs., polymers with 2,2-bis[[γ - ω -perfluoro-C10-20-alkyl)thio]methyl]-1,3-propanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]
656	1078712-88-5	Thiols, C4-20, γ - ω -perfluoro, telomers with acrylamide and acrylic acid, sodium salts
657	1094598-90-9	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 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 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate
658	1223402-68-3	2-Propenoic acid, 2-methyl-, polymers with 2-(dimethylamino)ethylmethacrylate, Me methacrylate, γ - ω -perfluoro-C8-16-alkyl acrylate and vinylpyrrolidone, 2,2'-(1,2-diazenediyl)bis[2-methylpropanenitrile]-initiated, acetates

659	1264198-78-8	2-Propenoic acid, polymer with butyl 2-propenoate and 2,5-furandione, γ - ω -perfluoro-C8-14-alkyl esters, tert-Bu 2-ethylhexaneperoxoate-initiated, compds. with 2-(dimethylamino)ethanol
660	1429174-38-8	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, α -(2-methyl-1-oxo-2-propen-1-yl)- ω -methoxypoly(oxy-1,2-ethanediyl), 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, 2-[2-(2-propoxyethoxy)ethoxy]ethyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate
661	1430799-96-4	Butanoic acid, 3-oxo-, 2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorodecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 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
662	1221681-75-9	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymers with γ - ω -perfluoro-C8-16-alkyl methacrylate, stearyl methacrylate and tridecylmethacrylate
663	63225-58-1	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, 1-(hydrogen sulfate), ammonium salt (1:1)
664	63225-57-0	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, 1-(hydrogen sulfate), ammonium salt (1:1)
665	1374418-39-9	2-Propenoic acid, reaction products with acetic acid (γ - ω -perfluoro-C8-10-alkyl)thio derivs. Bu esters and polyethylenimine
666	325966-78-7	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymers with N-(1,1-dimethyl-3-oxobutyl)-2-propenamide, 2-ethylhexyl acrylate, γ - ω -perfluoro-C8-16-alkyl acrylate, stearyl acrylate and vinyl chloride, 2,2'-azobis[2-methylpropanimidamide] dihydrochloride-initiated
667	254889-79-7	Methanol, reaction products with 1,6-diisocyanatohexane, ethylene, ethyleneoxide, iodoethane and tetrafluoroethylene
668	254889-72-0	Imidodicarbonic diamide, N,N',2-tris(6-isocyanatohexyl)-, reaction products with 3-chloro-1,2-propanediol, ethylene, iodoethane and tetrafluoroethylene
669	253683-00-0	Butanedioic acid, monopolyisobutylene derivs., 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester
670	167289-73-8	3-Octadecenoic acid (3Z)-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester
671	333784-46-6	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymers with maleicanhydride, 2-[[[(2-mercaptoethoxy)carbonyl]amino]ethyl methacrylate, γ - ω -perfluoro-C8-16-alkyl acrylate and stearyl methacrylate
672	333784-44-4	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymers with 2,3-dihydroxypropyl methacrylate, γ - ω -perfluoro-C8-16-alkyl acrylate, polyethylene glycol methacrylate Me ether and polypropylene glycol monomethacrylate
673	254889-67-3	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-, reaction products with [(trimethylsilyl)oxy]-modified silica
674	86508-42-1	Perfluoro compounds, C5-18
675	30046-31-2	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-
676	93776-15-9	1-Propanaminium, N-(2-carboxyethyl)-N,N-dimethyl-3-[[[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]-, innersalt
677	93776-17-1	1-Tridecanaminium, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-heneicosafuoro-2-hydroxy-N,N-bis(2-hydroxyethyl)-N-methyl-, iodide (1:1)
678	182176-52-9	Ethaneperoxoic acid, reaction products with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl thiocyanate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl thiocyanate
679	17125-58-5	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, lithium salt (1:1)
680	176676-70-3	1-Pentadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-heptacosafuoro-
681	1545-59-1	1-Tridecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-tricosafuoro-
682	87017-97-8	1-Undecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-nonadecafluoro-
683	191852-87-6	Undecanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-nonadecafluoro-
684	54009-73-3	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-hexa decafluoro-10-(trifluoromethyl)-, 1-(dihydrogen phosphate)
685	63295-18-1	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-hexa decafluoro-10-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt
686	63295-19-2	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-hexa decafluoro-10-(trifluoromethyl)-, 1-(dihydrogen phosphate), compd. with 2,2'-iminobis[ethanol]
687	63295-23-8	2-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-, dihydrogen phosphate, diammonium salt

688	63295-24-9	Acetic acid, 2-[[3,3,4,4,5,5,6,6,7,7,8,8,9,10,10, 10-hexadeca fluoro-1-[(phosphonooxy)methyl]-9-(trifluoromethyl) decyl]oxy]-, ammonium salt (1:2)
689	63295-22-7	1-Undecanol, 2-chloro-4,4,5,5,6,6,7,7,8,8,9,10, 11,11,11-hexadecafluoro-10-(trifluoromethyl)-, dihydrogen phosphate
690	90179-37-6	2-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,10,10,11, 11,11-heptadecafluoro-, dihydrogen phosphate, potassium salt
691	98005-85-7	Diphosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl) ester, compd. with 2,2', 2' ' -nitrilotris[ethanol] (1:3)
692	98005-84-6	Diphosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl) ester, compd. with 2-aminoethanol (1:3)
693	1158182-60-5	Phosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,11,11,12,12,12-heneicosafluoro dodecyl) mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl) ester
694	1578186-42-1	Phosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl) mono(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
695	1158182-61-6	Phosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,11,11,12,12,12-heneicosafluorododecyl) mono(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-
696	63295-20-5	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11, 11,11-hexadecafluoro-10-(trifluoromethyl)-, 1,1-(hydrogen phosphate)
697	63295-26-1	1-Undecanol, 2-chloro-4,4,5,5,6,6,7,7,8,8,9,9, 10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-, hydrogen phosphate
698	2343-53-5	1-Nonadecanol, 12,12,13,13,14,14,15,15,16, 16,17,17, 18,18,19,19,19-heptadecafluoro-, dihydrogen phosphate
699	1578186-53-4	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl bis(3,3,4,4,5,5,6,6, 7,7,8,8,8-tridecafluorooctyl) ester
700	1578186-56-7	Phosphoric acid, bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-heptadecafluorodecyl) 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester
701	1578186-64-7	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,12-heneicosafluorododecyl 3,3,4,4, 5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester
702	1578186-57-8	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,12-heneicosafluorododecylbis (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) ester
703	441765-20-4	1-Decanesulfonamide, 3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,10-heptadecafluoro-N-[3-(phosphono oxy)propyl]-N-propyl-, sodium salt (1:2)
704	146955-29-5	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluoro-1-(hydroxymethyl)decyl ester
705	76962-34-0	2-Propenoic acid, 4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,11-heptadecafluoro-2-hydroxyundecyl ester
706	1189587-64-1	Shiane, tetrakis[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-heptadecafluorodecyl)thio]ethyl]-
707	77117-48-7	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
708	1835250-28-6	Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
709	182130-12-7	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
710	1835250-47-9	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
711	182130-14-9	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
712	182130-15-0	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
713	6145-05-7	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
714	931415-52-0	Heptadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
715	138472-76-1	Octadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
716	117146-18-6	Tetracosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
717	133310-73-3	Hexacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
718	137338-39-7	Octacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
719	137338-40-0	Triacontane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
720	137338-41-1	Dotriacontane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
721	154478-87-2	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
722	1835251-22-3	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
723	1244062-17-6	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
724	250738-42-2	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
725	116177-54-9	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
726	200817-54-5	Heptadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
727	93454-70-7	Octadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
728	125635-85-0	Nonadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
729	90499-29-9	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
730	93454-71-8	Docosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-
731	133299-41-9	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-tetratriacontafluoro-

732	100550-08-1	Tetracosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,17, 17,18,18,19,19,20,20,21,21,22,22,23,23,24, 24,24-tetratriacontafuoro-
733	1244062-16-5	9-Tetracosene, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
734	31200-97-2	1-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-
735	423-56-3	1-Nonanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluoro-
736	307-37-9	1-Decanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-nonadecafluoro-
737	307-46-0	1-Undecanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,11,11,11-heneicosafluoro-
738	63967-40-8	Nonanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluoro-
739	335-73-9	Decanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-
740	63967-42-0	Undecanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafluoro-
741	56900-98-2	Trianol, 2-[[2-[[3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-heptadecafluorodecyl]oxy]methylethoxy]-
742	88243-13-4	Propanol, [2-[[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 10-heptadecafluorodecyl]oxy]methylethoxy]-
743	88243-12-3	Ethanol, 2-[[2-[[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl]oxy]methylethoxy] methylethoxy]-
744	55427-54-8	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17, 17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluoro-
745	88271-22-1	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17, 17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluorodimethyl-
746	88243-14-5	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17, 17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluorotetramethyl-
747	88243-15-6	3,6,9,12,15-Pentaoxapentacosan-1-ol, 18,18,19, 19,20,20,21,21,22,22,23,23,24,24,25,25,25-heptadecafluoropentamethyl-
748	88247-39-6	3,6,9,12,15,18-Hexaoxaoctacosan-1-ol, 21,21,22, 22,23,23,24,24,25,25,26,26,27,27,28,28,28-heptadecafluoro-
749	88243-11-2	3,6,9,12,15,18-Hexaoxaoctacosan-1-ol, 21,21,22, 22,23,23,24,24,25,25,26,26,27,27,28,28,28-heptadecafluoropentamethyl-
750	88243-16-7	3,6,9,12,15,18-Hexaoxaoctacosan-1-ol, 21,21,22, 22,23,23,24,24,25,25,26,26,27,27,28,28,28-heptadecafluoro hexamethyl-
751	88243-10-1	3,6,9,12,15,18,21-Heptaoxahentriacontan-1-ol, 24,24,25,25,26,26,27,27,28,28,29,29,30, 30,31,31,31-heptadecafluoropentamethyl-
752	88247-40-9	3,6,9,12,15,18,21,24-Octaoxatetratriacontan-1-ol, 27,27,28,28,29,29,30,30,31,31,32,32,33,33,34,34,34-heptadecafluoro-
753	88243-17-8	3,6,9,12,15,18,21,24-Octaoxatetratriacontan-1-ol, 27,27,28,28,29,29,30,30,31,31,32,32,33,33,34,34,34-heptadecafluoroctamethyl-
754	88243-09-8	3,6,9,12,15-Pentaoxapentacosan-1-ol, 18,18, 19,19,20,20,21,21,22,22,23,23,24,24,25,25,25-heptadecafluoropentamethyl-, acetate
755	121500-31-0	1,2-Propanediol, 3-[[3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl]oxy]-
756	67549-47-7	11,14,17,20,23,26,29,32-Octaoxaotetracontan-33-one, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-
757	67535-33-5	Tridecanoic acid, 27,27,28,28,29,29,30,30,31,31, 32,32,33,33,34,34,34-heptadecafluoro-3,6,9,12, 15,18,21,24-octaoxatetra triacont-1-yl ester
758	114482-33-6	Oxirane, 2-[[[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl]oxy]methyl]-
759	99679-40-0	1-Decanaminium, N,N-diethyl-3,3,4,4,5,5, 6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-2-hydroxy-N-methyl-, iodide (1:1)
760	93776-18-2	1-Undecanaminium, 4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,11-heptadecafluoro-2-hydroxy-N,N-bis(2-hydroxyethyl)-N-methyl-, iodide (1:1)
761	94817-79-5	2-Undecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 11,11-nonadecafluoro-1-[(1-methylpropyl) amino]-
762	94817-80-8	2-Dodecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11, 12,12,12-nonadecafluoro-1-[(1-methylpropyl) amino]-
763	121912-26-3	1-Propanaminium, 3-[[4-[[3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl]oxy]-1,4-dioxo-2-buten-1-yl]amino]-N,N,N-trimethyl-, iodide
764	100155-23-5	Ethanaminium, N-ethyl-2-[[[3-[[[3-[[[3-[[[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadeca fluorodecyl]oxy]carbonyl]amino]methylphenyl] amino]carbonyl]amino]methylphenyl]amino]carbonyl]amino]methylphenyl]amino]carbonyl]oxy]-N,N-dimethyl-, ethyl sulfate
765	100107-48-0	Ethanaminium, N-ethyl-2-[[[3-[[[3-[[[3-[[[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadeca fluorodecyl]oxy]carbonyl]amino]methylphenyl] carbonimidoyl]amino]methylphenyl]carbonimidoyl]amino]methylphenyl]amino]carbonyl]oxy]-N,N-dimethyl-, ethyl sulfate
766	2089109-26-0	1-Decanaminium, N-(carboxymethyl)-3,3,4,4,5,5, 6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-N,N-dimethyl-
767	2089109-27-1	1-Dodecanaminium, N-(carboxymethyl)-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro-N,N-dimethyl-
768	145441-32-3	1-Decanaminium, N-(carboxymethyl)-3,3,4,4,5,5, 6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-N,N-dimethyl-, inner salt

769	171184-16-0	1-Dodecanaminium, N-(carboxymethyl)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-nonadecafluoro-N,N-dimethyl-, inner salt
770	171184-17-1	1-Tetradecanaminium, N-(carboxymethyl)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-tricosafuoro-N,N-dimethyl-, inner salt
771	171184-04-6	1-Dodecanaminium, N-(carboxymethyl)-3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-eicosafuoro-N,N-dimethyl-, inner salt
772	2089109-30-6	1-Dodecanaminium, N-(carboxymethyl)-5,5,6,6, 7,7,8,8,9,9,10,10,11,11,12,12,12-heptadeca fluoro-N,N-dimethyl-
773	80234-03-3	1-Undecanaminium, 2-(acetyloxy)-N-(carboxy methyl)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-N,N-dimethyl-, inner salt
774	80244-66-2	1-Tridecanaminium, 2-(acetyloxy)-N-(carboxy methyl)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12, 12,13,13,13-heneicosafuoro-N,N-dimethyl-, inner salt
775	76830-13-2	2-Propenamide, telomer with 3,3,4,4,5,5,6,6,7,7, 8,8,9,9,10,10,10-heptadecafluoro-1-decanethiol
776	121913-10-8	2-Propenamide, telomer with 3,3,4,4,5,5,6,6,7,7, 8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-1-dodecanethiol
777	438237-73-1	1-Decanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,10-heptadecafluoro-, potassium salt (1:1)
778	54950-06-0	Butanedioic acid, 2-sulfo-, 1,4-bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester, sodium salt (1:1)
779	441765-12-4	Acetic acid, 2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 10-heptadecafluorodecyl)thio]-, lithium salt (1:1)
780	54207-62-4	Propanoic acid, 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl)thio]-
781	481050-04-8	Propanoic acid, 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl)thio]-, lithium salt (1:1)
782	441765-14-6	Ethanesulfonic acid, 2-[(3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,10-heptadecafluorodecyl)thio]-, lithium salt (1:1)
783	160819-47-6	2-Propanol, 1,3-bis[(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl)thio]-
784	160819-50-1	2-Propanol, 1-[(2-dodecylhexadecyl)oxy]-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-
785	160819-49-8	2-Propanol, 1-[(2-decyltetradecyl)oxy]-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-
786	121912-28-5	2,5,8,11,14,17,20,23-Octaoxa-27-thiaheptatria contan-25-ol, 30,30,31,31,32,32,33,33,34,34,35, 35,36,36,37,37,37-heptadecafluoro-
787	727351-53-3	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-
788	1513864-17-9	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12, 12-heneicosafuorododecyl)sulfinyl]-
789	71940-07-3	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-, chloride (1:1)
790	71625-52-0	Ethanaminium, 2-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-heptadecafluorodecyl)thio]ethoxy]-N,N,N-trimethyl-, iodide (1:1)
791	1513863-91-6	Acetamide, N-[3-(dimethylamino)propyl]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-
792	1513863-92-7	Acetamide, N-[3-(dimethylamino)propyl]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12, 12,12-heneicosafuorododecyl) thio]-
793	704870-51-9	1-Propanaminium, 3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl)thio]acetyl] amino]-N,N,N-trimethyl-
794	1513864-01-1	1-Propanaminium, 3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)thio]acetyl]amino]-N,N,N-trimethyl-
795	67333-62-4	1-Propanaminium, N-ethyl-3-[[3-[(3,3,4,4,5, 5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) thio]-2-methyl-1-oxopropyl]amino]-N,N-dimethyl-, ethyl sulfate (1:1)
796	1513863-96-1	1-Propanaminium, N-(carboxymethyl)-3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]acetyl] amino]-N,N-dimethyl-, inner salt
797	1513863-97-2	1-Propanaminium, N-(carboxymethyl)-3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12, 12,12-heneicosafuorododecyl) thio]acetyl]
798	1383438-89-8	Butanoic acid, 4-[[3-(dimethylamino)propyl] amino]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) thio]-4-oxo-
799	1383438-90-1	Butanoic acid, 4-[[3-(dimethylamino)propyl] amino]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 11,12,12,12-heneicosa fluorododecyl)thio]-4-
800	755698-73-8	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6, 7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-1-oxopropyl]amino]-2-methyl-
801	690947-60-5	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6, 7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro dodecyl)thio]-1-oxopropyl] amino]-2-methyl-
802	62880-96-0	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6, 7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-1-oxopropyl]amino]-2-methyl-, sodium salt (1:1)

803	62880-98-2	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7, 7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro dodecyl)thio]-1-oxopropyl]amino]-2-methyl-, sodium salt (1:1)
804	1513864-19-1	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfinyl]-
805	1513864-12-4	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7, 7,8,8,9,9,10,10,10-heptadecafluorodecyl) sulfinyl]-1-oxopropyl]amino]-2-methyl-
806	1513864-11-3	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7, 7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro dodecyl)sulfinyl]-1-oxopropyl]amino]-2-methyl-
807	80475-33-8	1-Decanesulfonamide, N-[3-(dimethyloxy amino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
808	34455-23-7	1-Decanesulfonamide, N-[3-(dimethylamino) propyl]-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
809	34455-24-8	1-Dodecane sulfonamide, N-[3-(dimethylamino) propyl]-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 11,12,12,12-heneicosafuoro-
810	34695-29-9	Ethanaminium, N-(2-carboxyethyl)-2-[[[(3,3,4,4, 5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro decyl)sulfonyl]amino]-N,N-dimethyl-, inner salt
811	34695-31-3	Ethanaminium, N-(2-carboxyethyl)-2-[[[(3,3,4,4, 5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl) sulfonyl]amino]-N,N-
812	441765-18-0	Glycine, N-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfonyl]-N-propyl-, lithium salt
813	98900-53-9	β -Alanine, N-(2-carboxyethyl)-N-[6-[[[(3,3,4,4, 5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro decyl)sulfonyl]amino]hexyl]-, dipotassium salt
814	934505-67-6	2-Propenoic acid, polymer with 2-ethenyl naphthalene and 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl 2-
815	138473-79-7	Glycine, N-ethyl-N-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)-, ammonium salt
816	89932-71-8	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-(14-hydroxy-3,6,9,12-tetraoxatetradec-1-yl)-
817	178766-44-4	Ethanaminium, N,N,N-trimethyl-2-[(2,2,3,3,4,4, 5,5,6,6,7,7,7-pentadecafluoro-1-oxooctyl)amino]-, chloride (1:1)
818	376-23-8	Octanamide, N-[3-(dimethylamino)propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
819	91707-61-8	1-Pentanaminium, N,N,N-trimethyl-5-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, iodide (1:1)
820	30295-53-5	Octanamide, N-[3-(dimethyloxyamino)propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-
821	308-01-0	Pyridinium, 1-[2-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]ethyl]-, chloride (1:1)
822	331755-02-3	Pyridinium, 1-[2-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]ethyl]-, bromide (1:1)
823	103555-98-2	Piperazinium, 1-(2-hydroxyethyl)-1-methyl-4-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)-, chloride (1:1)
824	57670-46-9	Ethanesulfonic acid, 2-[ethyl(2,2,3,3,4,4,5,5,6,6, 7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, potassium salt (1:1)
825	98900-76-6	1-Propanesulfonic acid, 3-[(3-aminopropyl) (2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-2-hydroxy-, sodium salt (1:1)
826	98900-75-5	Benzenesulfonic acid, 4-[[[3-(methylamino) propyl](2,2,3,3,4,4, 5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]methyl]-, sodium salt (1:1)
827	98046-76-5	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-[3-(dimethylamino)propyl]-
828	154380-30-0	Poly(oxy-1,2-ethanediyl), α -[dimethoxy[3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]propyl]silyl]- ω -[[dimethoxy[3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]propyl]silyl]oxy]-

※ The information above is an example. Please check the latest list of GADSL (link below).

<https://www.gadsl.org/>

Appendix 6: Polycyclic aromatic hydrocarbons (PAH)

No.	CAS No.	Substance name	Substance
1	50-32-8	Benzo (a) pyrene (BaP)	Benzo[a]pyrene
2	192-97-2	Benzo (e) pyrene (BeP)	Benzo[e]pyrene
3	56-55-3	Benzo (a) anthracene (BaA)	Benz[a]anthracene
4	218-01-9	Chrysene (CHR)	Chrysene
5	205-99-2	Benzo (b) fluoranthene (BbFA)	Benzo(e)acephenanthrylene
6	205-82-3	Benzo (j) fluoranthene (BjFA)	Benzo[j]fluoranthene
7	207-08-9	Benzo (k) fluoranthene (BkFA)	Benzo(k)fluoranthene
8	53-70-3	Dibenzo (a, h) anthracene (DBAhA)	Dibenz[a,h]anthracene

Appendix 7: Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9–C14 PFCAs), their salts and C9– C14 PFCA-related substances

PFCAs (C9–C14) and their salts

No.	CAS No.	物質名
1	15811–52–6	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-docosafluoro-11-(trifluoromethyl)dodecanoyl fluoride
2	16486–96–7	Docosafluoro-11-(trifluoromethyl)dodecanoic acid
3	18024–09–4	Hexacosafuoro-13-(trifluoromethyl)tetradecanoic acid
4	2058–94–8	Perfluoro-n-undecanoic acid
5	21049–39–8	Perfluorononan-1-oic acid, sodium salt
6	307–55–1	Perfluorododecanoic acid
7	307–71–1	Potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafuoroundecanoate
8	3108–42–7	Ammonium nonadecafluorodecanoate
9	335–76–2	Decanoic acid, nonadecafluoro-
10	3658–63–7	Ammonium octadecafluoro-9-(trifluoromethyl)decanoate
11	375–95–1	Nonanoic acid, heptadecafluoro-
12	376–06–7	Perfluoromyristic acid
13	3793–74–6	Ammonium tricosafuorododecanoate
14	3830–45–3	Sodium nonadecafluorodecanoate
15	4149–60–4	Perfluorononan-1-oic acid, ammonium salt
16	68015–87–2	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-docosafluoro-11-(trifluoromethyl)lauric acid, compound with ethylamine (1:1)
17	68025–62–7	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)myristoyl fluoride
18	72629–94–8	Pentacosafuorotridecanoic acid

PFCAs (C9–C14) related substances

19	90622–71–2	Alkyl iodides, C6–18, perfluoro
20	865–86–1	C10–2 fluorotelomer alcohol; 1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
21	2043–54–1	C10–2 telomer B iodide:
22	307–60–8	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
23	85631–54–5	2-Propenoic acid, gamma-omega-perfluoro-C8–14-alkyl esters
24	94159–79–2	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
25	94200–50–7	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
26	63295–28–3	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-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl dihydrogen phosphate
27	74256–14–7	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
28	93776–17–1	[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-henicosafuoro-2-hydroxytridecan-1-yl][bis(2-hydroxyethyl)]methylammonium iodide
29	94200–43–8	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 dihydrogen phosphate
30	94200–51–8	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
31	307–63–1	Nonacosafuoro-1-iodotetradecane
32	677–93–0	Eicosafuoro-10-iodo-2-(trifluoromethyl)decane
33	30046–31–2	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
34	68412–69–1	Phosphinic acid, bis(perfluoro-C6–12-alkyl) derivs.
35	90622–99–4	Amides, C7–19, alpha-omega-perfluoro-N,N-bis(hydroxyethyl)
36	4980–53–4	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
37	16083–87–7	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
38	68333–92–6	Fatty acids, C7–13, perfluoro
39	93776–00–2	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]
40	94158–70–0	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
41	94200–47–2	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-pentacosafuoro-2-hydroxypentadecyl phosphate

42	423-62-1	Henicosafuoro-10-iododecane
43	558-97-4	Nonadecafluoro-9-iodononane
44	3248-63-3	Octacosafuoro-14-iodo-2-(trifluoromethyl)tetradecane
45	6014-75-1	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
46	63295-27-2	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
47	65510-55-6	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
48	71356-38-2	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; Piperazinium, 1-(carboxymethyl)-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)-,
49	74256-15-8	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
50	93776-15-9	(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
51	93776-16-0	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-pentacosafuoro-2-hydroxypentadecyl)ammonium iodide
52	94159-82-7	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-
53	2144-54-9	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl methacrylate
54	17741-60-5	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl acrylate
55	68188-12-5	Alkyl iodides, C4-20, gamma-omega-perfluoro
56	93776-12-6	(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-
57	94159-83-8	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
58	94200-42-7	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 dihydrogen phosphate
59	94200-48-3	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
60	1765-48-6	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafuoroundecanoic acid
61	1895-26-7	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
62	52956-82-8	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
63	60699-51-6	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
64	65510-56-7	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluoro-11-iodoundecane
65	85681-64-7	2-Propenoic acid, perfluoro-C8-16-alkyl esters
66	93062-53-4	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs., aluminum salts
67	3248-61-1	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
68	39239-77-5	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
69	72968-38-8	Carboxylic acids, C7-13, perfluoro, ammonium salts
70	91032-01-8	Fatty acids, C7-19, perfluoro
71	93776-13-7	(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
72	94159-76-9	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-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl]ammonium iodide
73	94159-80-5	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
74	94200-46-1	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
75	65104-45-2	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-
76	68155-54-4	2H-Pyran, 2,2,3,3,4,4,5,5,6-nonafluorotetrahydro-6-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluorononyl)-

77	68390-33-0	Alkyl iodides, C10-12, .gamma.-.omega.-perfluoro
78	115592-83-1	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
79	125328-29-2	2-Propenoic acid, 2-methyl-, C10-16-alkyl esters, polymers with 2-hydroxyethyl methacrylate, Me methacrylate and perfluoro-C8-14-alkyl acrylate
80	129783-45-5	2-Propenoic acid, 2-methyl-, C10-16-alkyl esters, polymers with 2-hydroxyethyl methacrylate, Me methacrylate and γ - ω -perfluoro-C8-14-alkyl acrylate.
81	144031-01-6	2-Propenoic acid, dodecyl ester, polymers with Bu (1-oxo-2-propenyl)carbamate and γ - ω -perfluoro-C8-14-alkyl acrylate
82	NA	C9-C14 PFCAs salts and precursors
83	307-50-6	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-
84	335-79-5	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-
85	376-04-5	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-
86	68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivs.

※ The information above is an example. Please check the latest list of GADSL (link below).

<https://www.gadsl.org/>

Appendix 8: Perfluorohexane-1-sulphonic acid (PFHxS), its salts, and PFHxS-related substances

PFHxS and its salts

No.	CAS No.	物質名
1	355-46-4	Perfluorohexane-1-sulphonic acid
2	68259-08-5	Perfluorohexane-1-sulphonic acid, ammonium salt
3	3871-99-6	Perfluorohexane-1-sulphonic acid, potassium salt

PFHxS related substances

4	111393-39-6	1-Hexanesulfonyl bromide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
5	1270179-82-2	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N,N-dimethyl-
6	1270179-93-5	1-Hexanesulfonamide, N,N-diethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
7	127133-66-8	2-Propenoic acid, 2-methyl-, polymers with Bu methacrylate, lauryl methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate
8	129813-71-4	Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-(2-oxiranylmethyl)-
9	141607-32-1	α-Alanine, N-[3-(dimethylamino)propyl]-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-
10	1427176-17-7	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-
11	1427176-20-2	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N,N-bis(2-methoxyethyl)-
12	147029-28-5	Benzenamine, 4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-
13	148240-80-6	Fatty acids, C18-unsatd., trimers, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl esters
14	148684-79-1	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 1,6-diisocyanatohexane homopolymer and ethylene glycol
15	149652-30-2	Benzene, 1-fluoro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-
16	160305-97-5	Benzoic acid, 2,3,4,5-tetrachloro-6-[(3-hydroxyphenyl)amino]carbonyl-, perfluoro-C6-8-alkanesulfonates (esters), monopotassium salts
17	160336-17-4	2-Propenoic acid, butyl ester, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate
18	160901-25-7	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 2-ethyl-1-hexanol and polymethylenepolyphenylene isocyanate
19	160901-26-8	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 2-ethyl-1-hexanol, Me Et ketone oxime and polymethylenepolyphenylene
20	161074-58-4	Fatty acids, C18-unsatd., trimers, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl esters
21	1645842-67-6	Sulfonamides, C4-8-alkane, perfluoro, N-(3-chloro-2-hydroxypropyl)-N-methyl
22	1645850-46-9	Sulfonamides, C7-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,3-bis(isocyanatomethyl)benzene and N-butyl-1-butanamine
23	1645852-09-0	Sulfonamides, C7-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,3-bis(isocyanatomethyl)benzene
24	1645852-10-3	Siloxanes and Silicones, di-Me, Bu group- and 3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group-terminated, telomers with acrylic acid, di-Me, Me 3-mercaptopropyl siloxanes, Me acrylate, Me methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate, 2,2'-(1,2-diazenediyl)bis[2-methylpropanenitrile]-initiated
25	1648534-82-0	2-Propenoic acid, polymers with lauryl acrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate
26	1648539-69-8	Poly(oxy-1,2-ethanediy), α-[2-(methylamino)ethyl]-ω-hydroxy-, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs., C12-16-alkyl ethers
27	1648540-20-8	2-Propenoic acid, 2-(methylamino)ethyl ester, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs., polymers with propene
28	171561-95-8	Benzene, 1-nitro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-
29	178094-71-8	1-Hexanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt (1:1)
30	178535-22-3	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), polymers with 1,1'-methylenebis[4-isocyanatobenzene] and polymethylenepolyphenylene isocyanate, 2-ethylhexyl esters, Me Et ketone oxime-blocked
31	179005-06-2	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl]-, potassium salt

32	179005-07-3	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl]
33	1893-52-3	2-Propenoic acid, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester
34	192662-29-6	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethylamino)propyl], reaction products with acrylic acid
35	222716-67-8	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with poly(Bu acrylate) and polyethylene-polypropylene glycol mono-Bu ether
36	254889-10-6	Pyridinium, 1-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, inner salt
37	30295-56-8	1-Hexanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
38	306973-47-7	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 12-hydroxyoctadecanoic acid and 2,4-TDI, ammonium salts
39	306974-19-6	Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-[(3-octadecyl-2-oxo-5-oxazolidinyl)methyl]
40	306974-28-7	Siloxanes and Silicones, di-Me, 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
41	306974-45-8	Sulfonic acids, C6-8-alkane, perfluoro, compds. with polyethylene-polypropylene glycol bis(2-aminopropyl) ether
42	306974-63-0	Fatty acids, C18-unsatd., dimers, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl esters
43	306975-62-2	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride
44	306975-84-8	Poly(oxy-1,2-ethanediyl), á-hydro-ù-hydroxy-, polymer with 1,6-diisocyanatohexane, N-(hydroxyethyl)-N-methylperfluoro-C4-8-
45	306975-85-9	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
46	306976-25-0	1-Hexadecanaminium, N,N-dimethyl-N-[2-[(2-methyl-1-oxo-propen-1-yl)oxy]ethyl]-, bromide (1:1), polymers with Bu acrylate, Bu methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate
47	306976-55-6	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
48	306977-10-6	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
49	306977-58-2	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, compds. with 2,2'-(methylimino)bis[ethanol]
50	306978-04-1	2-Propenoic acid, butyl ester, polymers with acrylamide, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride
51	306978-65-4	Hexane, 1,6-diisocyanato-, homopolymer, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkanesulfonamides- and stearyl alc.-blocked
52	306979-40-8	Poly(oxy-1,2-ethanediyl), á-[2-(methylamino)ethyl]-ù-[(1,1,3,3-tetramethylbutyl)phenoxy]-, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs.
53	306980-27-8	Sulfonamides, C4-8-alkane, perfluoro, N,N'-[1,6-hexanediylbis[(2-oxo-3,5-oxazolidinediyl)methylene]]bis[N-methyl-
54	34455-03-3	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-
55	355-46-4	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
56	3871-99-6	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt (1:1)
57	38850-52-1	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

58	38850-58-7	1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-3-[(3-sulfopropyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, inner salt
59	38850-60-1	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-
60	41997-13-1	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
61	423-50-7	1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
62	504396-13-8	2-Propenoic acid, 2-methyl-, 2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl ester, polymers with polyethylene glycol acrylate Me ether
63	50598-28-2	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
64	507225-08-3	Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, reaction products with Me Et ketone oxime, 2-mercaptoethanol, 2-[methyl[(perfluoro-C3-8-alkyl)sulfonyl]amino]ethyl acrylate, polymethylenepolyphenylene isocyanate and polypropylene glycol
65	52166-82-2	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)
66	55120-77-9	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)
67	55591-23-6	1-Hexanesulfonyl chloride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
68	56372-23-7	Poly(oxy-1,2-ethanediyl), á-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-ù-hydroxy-
69	67584-48-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-2-propen-1-yl-
70	67584-53-6	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, potassium salt (1:1)
71	67584-57-0	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester
72	67584-61-6	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
73	67906-70-1	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
74	67906-71-2	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
75	67939-61-1	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
76	67939-92-8	1-Hexanesulfonamide, N,N'-[phosphinobis(oxy-2,1-ethanediyl)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
77	67969-65-7	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-(phosphonoxy)ethyl]-
78	680187-85-3	Hexane, 1-(ethenylsulfinyl)-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
79	680187-86-4	Hexane, 1-(ethenylsulfonyl)-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
80	68081-83-4	Carbamic acid, N,N'-(4-methyl-1,3-phenylene)bis-, bis[2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl] ester
81	68227-87-2	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[(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, 2-methyloxirane polymer with oxirane di-2-propenoate, 2-methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol

82	68227-94-1	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, á-(2-methyl-1-oxo-2-propen-1-yl)-ù-hydroxypoly(oxy-1,2-ethanediyl), á-(2-methyl-1-oxo-2-propen-1-yl)-ù-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,2-ethanediyl), 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
83	68227-96-3	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, á-(2-methyl-1-oxo-2-propen-1-yl)-ù-hydroxypoly(oxy-1,4-butanediyl), á-(2-methyl-1-oxo-2-propen-1-yl)-ù-[(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
84	68227-98-5	2-Propenoic acid, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl ester
85	68228-00-2	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, á-(2-methyl-1-oxo-2-propen-1-yl)-ù-hydroxypoly(oxy-1,4-butanediyl), á-(2-methyl-1-oxo-2-propen-1-yl)-ù-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,4-butanediyl), á-(2-methyl-1-oxo-2-propen-1-yl)-ù-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,2-ethanediyl), 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl 2-propenoate and 4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-
86	68239-74-7	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(4-hydroxybutyl)-N-methyl-
87	68259-08-5	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt (1:1)
88	68259-15-4	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-
89	68259-38-1	Poly[oxy(methyl-1,2-ethanediyl)], á-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-ù-hydroxy-
90	68298-09-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(phenylmethyl)-

91	68298-74-8	2-Propenoic acid, 2-methyl-, 2-[[[5-[[[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl ester (9CI)
92	68298-78-2	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- nonafluorobutyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[5-[[[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-
93	68299-21-8	Benzenesulfonic acid, [[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]methyl]-, sodium salt (1:1)
94	68299-39-8	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, á-(2-methyl-1-oxo-2-propen-1-yl)-ù-hydroxypoly(oxy-1,4-butanediyl), á-(2-methyl-1-oxo-2-propen-1-yl)-ù-[(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, 2-
95	68329-56-6	2-Propenoic acid, eicosyl 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, hexadecyl 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, 2-
96	68391-09-3	Sulfonic acids, C6-12-alkane, perfluoro, potassium salts
97	68555-70-4	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, sodium salt (1:1)
98	68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-

99	68555-90-8	Polymer based on 67584-55-8
100	68555-91-9	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-[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, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate
101	68555-92-0	2-Propenoic acid, 2-methyl-, 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-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-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate
102	68568-77-4	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
103	68586-13-0	2-Propenoic acid, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, á-(2-methyl-1-oxo-2-propenyl)-ù-hydroxypoly(oxy-1,2-ethanediyl), á-(2-methyl-1-oxo-2-propenyl)-ù-[(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 and 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate (9CI)
104	68586-14-1	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, telomer with 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, á-(2-methyl-1-oxo-2-propen-1-yl)-ù-hydroxypoly(oxy-1,2-ethanediyl), á-(2-methyl-1-oxo-2-propen-1-yl)-ù-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,2-ethanediyl), 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
105	68608-13-9	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with TDI
106	68608-14-0	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,1'-methylenebis[4-isocyanatobenzene]
107	68649-26-3	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-butanedisulfonamide, 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 alc.
108	68797-76-2	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

109	68815-72-5	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)
110	68867-60-7	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, 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
111	68867-62-9	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[(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, 1-octanethiol and á-(1-oxo-2-propen-1-yl)-ù-methoxypoly(oxv-1,2-
112	68877-32-7	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-[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, 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
113	68891-98-5	Chromium, diaquatetrachloro[ì-[N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]glycinato-êO:êO']]-ì-hydroxybis(2-propanol)di-
114	68909-15-9	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 Me ether and stearyl acrylate
115	68957-32-4	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-
116	68957-53-9	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, ethyl ester
117	68957-58-4	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)
118	68957-61-9	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, hydrochloride (1:1)
119	70225-16-0	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
120	70248-52-1	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)
121	70776-36-2	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 1,1-dichloroethene, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, N-(hydroxymethyl)-2-propenamides, 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 and 2-

122	70900-36-6	2-Propenoic acid, 2-methyl-, 2-[[[2-methyl-5-[[[4-[methyl[(tridecafluorohexyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl ester (9CI)
123	70900-40-2	2-Propenoic acid, 2-methyl-, 2-[[[5-[[[4-[[[1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]butoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl 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, 2-[[[2-methyl-5-[[[4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-2-propenoate, 2-[[[2-methyl-5-[[[4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl 2-methyl-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 and 2-propenoic acid
124	71487-20-2	2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene, 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-propenoic acid
125	73772-32-4	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-2-hydroxy-, sodium salt (1:1)
126	73772-33-5	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, acetate (1:1)
127	73772-34-6	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]-
128	76848-59-4	Benzene, 1-chloro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-
129	76848-68-5	1H-Benzimidazolium, 1,3-diethyl-2-methyl-5-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, 4-methylbenzenesulfonate (1:1)
130	80621-17-6	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)
131	81190-38-7	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)
132	82382-12-5	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt (1:1)
133	85665-64-1	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-propyl-
134	85665-66-3	Glycine, N-propyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, potassium salt (1:1)
135	86525-30-6	1-Hexanesulfinic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (2:1)
136	86525-43-1	Thiophene, 2-[2-[(tridecafluorohexyl)sulfonyl]ethenyl]-
137	86525-48-6	Furan, 2-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-
138	86525-51-1	Benzene, 1-methyl-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-
139	86525-52-2	Benzene, 1-methoxy-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-
140	89863-48-9	Thiophene, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-
141	89863-49-0	Furan, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-

142	89863-50-3	Benzene, 1-methyl-4-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-
143	89863-55-8	Thiophene, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-
144	89863-56-9	Furan, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-
145	89863-63-8	2,4-Pentanedione, 3-[1-(2-thienyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-
146	89863-64-9	2,4-Pentanedione, 3-[1-(2-furanyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-
147	91081-99-1	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with epichlorohydrin, adipates (esters)
148	93416-31-0	Isoxazolidine, 4-(4-methoxyphenyl)-2-methyl-5-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-
149	93572-72-6	Sulfonic acids, C6-12-alkane, perfluoro
150	944578-05-6	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

※ 上記は一例です。最新リストはGADSLの最新リスト内(下記リンク)で確認してください。

<https://www.gadsl.org/>

Appendix 9: Dechlorane Plus (Chlorinated Flame Retardant)

No.	CAS No.	Substance
1	13560-89-9 135821-03-3 135821-74-8	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]
—	—	General Product Name(Example)
—	—	Dechlorane Plus 25 (Dech Plus), Dechlorane Plus 35 (Dech Plus-2), DP-515, Dechlorane 605, Dechlorane A, DP, DDC-CO, Escapeflam DK-15 (China); PyroVex SG (grade 515, 25 and 35), CFR(Chlorine Fire Retardant)

Appendix 9: UV-328 (Benzotriazol UV Absorber)

No.	CAS No.	Substance
1	25973-55-1	2-(2H-1,2,3-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol
—	—	General Product Name(Example)
—	—	BDTP, BLS 1328, Chiguard 328, Chisorb 328, Cyasorb UV 2337, Eversorb 74, GSTAB 328, Hostavin 3310 P, Kemisorb 74, Lowilite 28, Milestab 328, Seesorb 704, Songsorb 3280, Sumisorb 350, Thasorb UV328, Tin 328, Tinuvin 328, UV 2337, UV 74, Uvinul 3028, Viosorb 591

Basic analysis

Regarding 10 RoHS regulated substances (cadmium, lead, mercury, hexavalent chromium, PBB, PBDE, DEHP, DBP, BBP, DIBP), please measure by referring to the recommended analysis method.

Perform fluorescent X-ray analysis on cadmium, lead, mercury, total chromium, and bromine.

For cadmium and lead, please submit the analysis data by ICP-AES (ICP-OES), ICP-MS, etc.

For mercury, total chromium, and bromine, if the X-ray fluorescence analysis results are below the quantitation limit, subsequent analysis is not necessary.

Note) Please be sure to submit the analysis data of X-ray fluorescence analysis, the ICP data of lead and cadmium, and the measurement results of phthalates as evidence of non-use guarantee.

Note) For application equipment, supplier evaluation is carried out once a year based on the "MS5-1811-001 Customer Periodic Evaluation Check Sheet (for labor saving)". Based on the evaluation result, 3B will instruct the evidence of the non-use guarantee from the supplier, either the non-use certificate, the material certificate, or the analysis result based on the basic analysis, so please submit it.

Outline of recommended analytical methods

Object substances	Analytical methods
Cadmium, lead, mercury, total chromium, bromine	X-ray fluorescence analysis
Cadmium and its compound	ICP-AES (ICP-OES), ICP-MS
Lead and its compound	ICP-AES (ICP-OES), ICP-MS
Mercury and its compound	Reduction vaporizing atomic absorption method
Total chromium	ICP-AES (ICP-OES), ICP-MS
Hexavalent chromium compounds	Diphenylcarbazide absorption spectrometry
Bromine	ICP-AES (ICP-OES), ICP-MS, Combustion atomic absorption spectrometry
Specific organic brominated fire retardant (PBB, PBDE)	GC-MS
Phthalates (DEHP, DBP, BBP, DIBP)	GC-MS
PFOA, PFOS	LC-MS-MS

*Reference (In case that the content is unknown, it is possible to analyze using the following methods)

Object substances	Analytical methods
Specific organic tin compounds	GC-MS
PCB (polychlorobiphenyl)	HRGCMS
Short chain type paraffin chloride (C 10 to 13)	HRGCMS
Asbestos	XRD
Azo dye and pigment which form specific amine	GC-MS
Short chain chlorinated paraffins (C10 to 13)	HRGCMS
Specific amine compounds	GC-MS
Ozone depleting substances	GC-MS

HRGCMS:

High-resolution gas chromatograph mass spectrometry

GC-MS:

Gas chromatograph mass spectrometry

ICP-AES (ICP-OES):

Inductively coupled plasma atomic emission. Spectrometry (Inductively coupled plasma optical emission spectrometry)

ICP-MS:

Inductively coupled plasma source mass spectrometry

GC:

Gas chromatography

IC:

Ion chromatography

XRD:

X-ray diffraction method

AAS:

Atomic absorption spectrometry

Cadmium and its compounds
Permissible concentration: less than 100 ppm
Measurement method:
(1) Pretreatment method Regarding the recommended pretreatment method, the following four types are mainly mentioned 1. Ashing method in the presence of sulfuric acid 2. Pressurized acid decomposition method (microwave decomposition method) in a closed container 3. Acid decomposition method using nitric acid, hydrogen peroxide, and hydrochloric acid 4. A wet decomposition method using sulfuric acid, nitric acid, or hydrogen peroxide solution is used. And so on. * In all of the above, if a precipitate (insoluble matter) is generated, completely dissolve it into a solution by some method.
(2) Measurement method The following two types of measurement methods are mainly recommended. 1. Inductive coupling-plasma emission spectroscopy (ICP-AES, ICP-OES) 2. Inductively coupled-plasma mass spectrometry (ICP-MS) In addition to the above, if the combination of pretreatment and measurement method can guarantee that the lower limit of cadmium quantity is less than 5 ppm, it is acceptable.

Lead and its compounds
Permissible concentration: less than 1000 ppm
Measurement method:
(1) Pretreatment method The recommended pretreatment methods are mainly the following four types. 1. Ashing method in the presence of sulfuric acid 2. Pressurized acid decomposition method (microwave decomposition method) in a closed container 3. Acid decomposition method using nitric acid, hydrogen peroxide, and hydrochloric acid 4. Wet decomposition method with sulfuric acid and hydrogen peroxide And so on. * In all of the above, if a precipitate (insoluble matter) is generated, completely dissolve it by some method to form a solution.
(2) Measuring method The following two types of measurement methods are mainly recommended. 1. Inductive coupling-plasma emission spectroscopy (ICP-AES, ICP-OES) 2. Inductively coupled-plasma mass spectrometry (ICP-MS) In addition to the above, if the combination of pretreatment and measurement method can guarantee that the lower limit of lead quantity is less than 30 ppm, it is acceptable.

Mercury and its compounds
Permissible concentration: less than 1000 ppm
Measurement method:
(1) Pretreatment method The recommended pretreatment methods are mainly the following three types. 1. Pressurized acid decomposition method (microwave decomposition method) in a closed container 2. Heating vaporization-cold atomic absorption method 3. Wet decomposition method with sulfuric acid and nitric acid using a decomposition flask equipped with a reflux condenser (Kjeldahl method). If a precipitate occurs, dissolve it by some method.
(2) Measuring method The following two types of measurement methods are mainly recommended. 1. Inductively coupled-plasma emission spectroscopy with hydrogenation generator (ICP-AES, ICP-OES) 2. Inductively coupled-plasma mass spectrometry (ICP-MS) In addition to the above, if the combination of pretreatment and measurement method can guarantee that the lower limit of mercury quantity is less than 5 ppm, it is acceptable.

Hexavalent chromium compound

The total chromium content is measured by the following method, and when the total chromium content is less than 1000 ppm, the measurement of hexavalent chromium is unnecessary.

Total chrome
Permissible concentration: less than 1000 ppm
Measurement method:
(1) Pretreatment method The recommended pretreatment methods are mainly the following four types. 1. Ashing method in the presence of sulfuric acid 2. Pressurized acid decomposition method (microwave decomposition method) in a closed container 3. Acid decomposition method using nitric acid, hydrogen peroxide, and hydrochloric acid 4. Wet decomposition method with sulfuric acid, nitric acid, hydrogen peroxide And so on. * In all of the above, if a precipitate (insoluble matter) is generated, completely dissolve it by some method to form a solution.
(2) Measuring method The following two types of measurement methods are mainly recommended. 1. Inductively coupled-plasma emission spectroscopy (ICP-AES, ICP-OES) 2. Inductively coupled-plasma mass spectrometry (ICP-MS) In addition to the above, if combination of pretreatment and measurement method can guarantee that the lower limit of quantification of chromium is less than 5 ppm, it is acceptable.

Hexavalent chromium compound
Permissible concentration: less than 1000 ppm
Measurement method:
(1) Pretreatment method Regarding the recommended pretreatment, there are mainly the following two types of methods. 1. Phosphate buffer extraction method in inert gas 2. Elution method (hot water extraction method, alkali extraction method) (2) Measuring method The following are the recommended measurement methods.
1. Diphenylcarbazide absorption method In addition to the above, if the combination of pretreatment and measurement method can guarantee that the lower limit of hexavalent chromium quantity is less than 5 ppm, it is acceptable.

Bromine(PBB・PBDE)

The total bromine content is measured by ICP-AES (ICP-OES), ICP-MS, combustion absorption atomic absorption method, etc. If the total bromine content is less than 1000ppm, PBB / PBDE measurement is not required.

PBB・PBDE
Permissible concentration: less than 1000 ppm
Measurement method:
(1) Pretreatment method The following methods are mainly mentioned as the recommended pretreatment method. 1. Solvent extraction method
(2) Measuring method The recommended measuring methods mainly include the following methods. 1. GC-MS method
In addition to the above, if the combination of pretreatment and measurement method can guarantee that the lower limit of PBB / PBDE quantity is less than 100 ppm, it is acceptable.

Phthalates (DEHP,DBP,BBP,DIBP)

Permissible concentration: Less than 1000ppm for each type or less than 1000ppm for total of 4 types

Measurement method:**(1) Pretreatment method**

Decide whether to adopt the screening method or the verification method.

- Measurement by thermal decomposition method (Py-GC / MS) in screening method
- As a verification method, Soxhlet extraction-GC / MS method or reprecipitation-GC / MS method

When the screening method is adopted, it is judged based on the quantitative value whether inclusion or non-inclusion or reanalysis by the verification method is necessary. As for the judgment threshold value, it is judged that the quantitative value is 0.5 times the maximum allowable concentration, that is, 500 ppm, it is not contained, and the quantitative value is 1.5 times the maximum allowable concentration, that is, 1,500 ppm, that it is contained. On the other hand, if the concentration is between 500 and 1,000 ppm, the necessity of re-examination by the verification method is judged in consideration of the characteristics peculiar to the screening device. If it is 1,000ppm to 1,500ppm, re-inspect it by the verification method.

