



Test Report
(PFAS)

No.: CANEC25019768434

Date: Aug 19, 2025

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Client Name: FOSHAN BLUE ROCKET ELECTRONICS CO.,LTD.
Client Address: NO.45 GUXIN ROAD,CHANCHENG DISTRICT,FOSHAN,GUANGDONG,P.R.C.

Sample Name: SOT-23 Semiconductor Device
Model No.: SOT-23
Client Ref. Information: SOT-323,SOD-123,SOD-323,SOD-123FL,SOT-89,SOP-8,SOP-7,ESOP-8,SOT-363,SOT-223,SOT23-6,SOT23-5,SOT23-3,SOT-523,SOD-523,TO-92,TO-92LM, TO-126F,TO-126,TO-277,TO-252,TO-251,TO-263,TO-262,TO-220,TO-220F,TO-220FL, TO-3P,TO-3PH,TO-3PL,TO-3PN,TSOT23-6, PDFN3×3,PDFN5×6, DFN8×8, PDFN3×2, HTSS0P-16,DFN0603,DFN1×1,DFN2×2,DFN3×3,DFN1006,DFN1.6×1.2,DFN3×2,DFN5×4,QFN3×3,QFN4×4,UMSB,SMC,GBU,SMA,GBJ,SMB ,MBS,SMBF ,KBP,SM AF ,MBF,ABS,ABF,UMB,KBP,DO-41,DBF , DBS , KBJ, GBP, TOLL-8L,DFN9*6,DFN5*6,QFN2*2

The above sample(s) and information were provided by the client.

SGS Job No.: GZP25-023039
Sample Receiving Date: Aug 12, 2025
Testing Period: Aug 12, 2025 ~ Aug 19, 2025
Test Requested: Select test(s) as requested by the client.
Test Method(s): Please refer to next page(s).
Test Result(s): Please refer to next page(s).

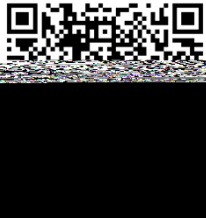
Summary:

630 Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content	Pass
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Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Allie Chen
Approved Signatory

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Test Sample:

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN25-0197684-0001.C001	"SOT-23 Semiconductor Device"

630 Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content

Test Method:

Modified EN 17681-1:2025, analysis was performed by LC-MS or LC-MS/MS and GC-MS or GC-MS/MS.

Test Results: (Substances in the reporting list of PFAS)

Substance Name	CAS No.	A1 Concentration (mg/kg)	MDL (mg/kg)
All tested PFAS in list	-	ND	-

Notes:

(1) The table above only shows detected PFAS, and PFAS that below MDL are not reported. Please refer to Appendix for the full list of tested PFAS.

(2) MDL = Method Detection Limit

ND = Not detected (lower than MDL)

(3) The target PFAS is prohibited, and this test requirement is quoted from the client. If PFAS is detected, it is recommended to refer to relevant regulation to confirm the relevant requirements of PFAS.

(4) ^=Substances refer to its salts/derivative listed in Appendix.

(5) The conclusion is only applicable to the substance list in the report.

Remark: Results & photo(s) of this report refer to test report CANEC25019768432.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

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Appendix:

(1) List of PFAS, its salts & derivatives

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
1	PFOS, its salts & derivatives	Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.010
2		Potassium Perfluorooctanesulfonate (PFOS-K)	2795-39-3	--
3		Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5	--
4		Sodium perfluorooctanesulfonate (PFOS-Na)	4021-47-0	--
5		Ammonium perfluorooctanesulfonate (PFOS-NH ₄)	29081-56-9	--
6		Perfluorooctane sulfonate diethanolamine salt (PFOS-NH ₂ (C ₂ H ₄ OH) ₂)	70225-14-8	--
7		Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C ₂ H ₅) ₄)	56773-42-3	--
8		N-decyl-N,N-dimethyldecyl-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane-1-sulfonate (PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂)	251099-16-8	--
9		TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C ₄ H ₉) ₄)	111873-33-7	--
10		Perfluorooctane Sulfonyl fluoride (PFOS-F)	307-35-7	--
11		Magnesium bis(heptafluorooctanesulphonate) (PFOS-Mg)	91036-71-4	--
12		Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctanesulfonate	71463-74-6	--
13		Perfluorooctanesulfonate	45298-90-6	--
14		Triethylammonium perfluorooctane sulfonate (PFOS-N(C ₂ H ₅) ₃)	54439-46-2	--
15		Tetramethylammonium perfluorooctane sulfonate (PFOS-N(CH ₃) ₄)	56773-44-5	--
16		N,N,N-Tripropylpentan-1-aminium heptafluorooctane-1-sulfonate (PFOS-N(C ₃ H ₇) ₃ (C ₅ H ₁₁))	56773-56-9	--
17		N,N-Dibutyl-N-methylbutan-1-aminium heptafluorooctane-1-sulfonate (PFOS-N(C ₄ H ₉) ₃ (CH ₃))	124472-68-0	--
18		Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1)	213740-80-8	--
19		Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate	258341-99-0	--
20		1-Hexadecylpyridinium perfluoro-1-octanesulfonate	334529-63-4	--
21		N,N,N-Triethyldecyl-1-aminium heptafluorooctane-1-sulfonate	773895-92-4	--
22		Tetrabutylphosphonium perfluorooctane sulfonate (PFOS-P (C ₄ H ₉) ₄)	2185049-59-4	--

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No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
23		Perfluorooctanesulfonic acid diethylamine salt (PFOS-C ₄ H ₁₁ N)	2205029-08-7	--
24		heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptadecafluorooctane-1-sulfonate (PFOS-C ₁₅ H ₃₀ NO ₂)	1203998-97-3	--
25		Perfluorooctane sulfonic anhydride (PFOSAN)	423-92-7	--
26		Perfluoro-1-octanesulfonyl chloride (PFOS-Cl)	423-60-9	--
27		Perfluorooctane sulfonamidoacetic Acid (FOSAA)	2806-24-8	0.010
28	FOSAA, its salts	N-[(Perfluorooctyl)sulfonyl]glycinate (FOSAA(anion))	909405-47-6	--
29		N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)	75260-69-4	--
30		N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na)	115716-87-5	--
31	N-MeFOSAA, its salts	N-Methylperfluoro-1-octanesulfonamidoacetic Acid (N-MeFOSAA)	2355-31-9	0.010
32		2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA(anion))	909405-48-7	--
33		Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K)	70281-93-5	--
34		N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA)	2991-50-6	0.010
35		Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)	2991-51-7	--
36	N-EtFOSAA, its salts	2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA(anion))	909405-49-8	--
37		Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-NH ₄)	2991-52-8	--
38		Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)	3871-50-9	--
39	--	N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	0.010
40	--	N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)		

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
46		Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)	76752-70-0	--
47		Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH ₄)	76752-72-2	--
48		Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-C ₆ H ₁₅ N)	76752-82-4	--
49		Perfluorooctanoic acid (PFOA)	335-67-1	0.010
50		Sodium perfluorooctanoate (PFOA-Na)	335-95-5	--
51		Potassium perfluorooctanoate (PFOA-K)	2395-00-8	--
52		Silver perfluorooctanoate (PFOA-Ag)	335-93-3	--
53		Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	--
54		Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	--
55		Lithium perfluorooctanoate (PFOA-Li)	17125-58-5	--
56		Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6	--
57		Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9	--
58		Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+) (PFOA-Cr(3+))	68141-02-6	--
59	PFOA, its salts & derivatives	Pentadecafluorooctanoic acid--piperazine (2/1) (PFOA-NH(C ₄ H ₁₀ N))	423-52-9	--
60		Pentadecafluorooctanoate (anion)	45285-51-6	--
61		Perfluorooctanoic Anhydride	33496-48-9	--
62		N,N,N-Triethylethanaminium perfluorooctanoate	98241-25-9	--
63		Perfluorooctanoate N,N,N-Trimethylmethanaminium	32609-65-7	--
64		Tetrapropylammonium perfluorooctanoate	277749-00-5	--
65		Potassium pentadecafluorooctanoate--water (1/1/2) (PFOA-K(H ₂ O) ₂)	98065-31-7	--
66		Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C ₂ H ₇ N)	1376936-03-6	--
67		Pentadecafluorooctanoic acid--pyridine (1/1) (PFOA-C ₅ H ₅ N)	95658-47-2	--
68		pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA-C ₁₀ H ₁₄ N ₂)	1514-68-7	--
69	8:2 FTS, its salts	N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate (PFOA-C ₁₁ H ₂₆ N)	927835-01-6	--
70		Pentadecafluorooctanoyl chloride (PFOA-Cl)	335-64-8	--
71		1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	0.010
72		Potassium 1H,1H,2H,2H-Perfluorodencane sulfonate (8:2 FTS-K)	438237-73-1	--

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No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
73		Ammonium 1H,1H,2H,2H-Perfluorododecane sulfonate (8:2 FTS-NH ₄)	149724-40-3	--
74		Sodium 1H,1H,2H,2H-Perfluorododecane sulfonate (8:2 FTS-Na)	27619-96-1	--
75		2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS(anion))	481071-78-7	--
76		2-(Perfluorooctyl)ethanesulfonyl chloride (8:2 FTS-Cl)	27619-90-5	--
77	--	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	0.200
78	--	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	0.200
79	--	1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	0.100
80	--	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	0.100
81	--	Perfluoro-1-iodooctane (PFOI)	507-63-1	0.200
82	8:2 FTCA, its salts	2H,2H-Perfluorodecane Acid (8:2 FTCA)	27854-31-5	0.010
83		Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C ₄ H ₉) ₄)	882489-14-7	--
84	--	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	0.100
85	--	1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	0.100
86	--	1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	0.100
87	8:2diPAP, its salts	Bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) hydrogen phosphate (8:2diPAP)	678-41-1	0.010
88		Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-Na)	114519-85-6	--
89		Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate	57677-97-1	--
90		Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt (8:2 diPAP-NH ₄)	93776-20-6	--
91		8:2 Fluorotelomer phosphate diester ion (1-)	1411713-91-1	--
92	8:3 FTCA, its salts	2H,2H,3H,3H-Perfluoroundecanoic acid (8:3 FTCA)	34598-33-9	0.010
93		Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K)	83310-58-1	--
94		2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-Li)	67304-23-8	--
95	--	1H,1H,2H-Heptadecafluoro-1-decene (PFDE)	21652-58-4	0.200
96	--	3-Perfluoroheptyl propanoic acid (7:3 FTCA)	812-70-4	0.010
97	--	1H,1H,2H,2H-Perfluorodecyltrichlorosilane	78560-44-8	0.100
98	--	1H,1H,2H,2H-Perfluorodecyltrimethoxysilane	83048-65-1	
99	--	2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	0.010
100	--	6:8 Perfluorophosphinic acid (6:8 PFPI)	610800-34-5	0.010

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101	8:8 PFPI, its salts	8:8 Perfluorophosphinic acid (8:8 PFPI)	40143-79-1	0.010
102		Bis(heptadecafluorooctyl)phosphinic Acid Sodium Salt (8:8 PFPI-Na)	500776-69-2	--
103		Bis(perfluorooctyl) phosphinic acid erbium(3+) salt (8:8 PFPI-Er)	500776-70-5	--
104		Bis(perfluorooctyl) phosphinic acid ytterbium(3+) salt (8:8 PFPI-Yb)	500776-71-6	--
105	--	1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	0.100
106	8:2 monoPAP, its salts	8:2 Fluorotelomer phosphate monoester (8:2 monoPAP)	57678-03-2	0.100
107		8:2 Fluorotelomer diammonium phosphate	93857-44-4	-
108		Disodium 1H,1H,2H,2H-perfluorodecylphosphate	438237-75-3	-
109		Ammonium bis[2-(perfluorohexyl)ethyl] phosphate	1764-95-0	-
110		3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt	92401-44-0	-
111		Sodium 1H,1H,2H,2H-perfluorooctylphosphate	144965-22-0	-
112		Monopotassium monoperfluorohexyl ethylphosphate	150033-28-6	-
113		Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate	2353-52-8	-
114	PFNA, its salts	Perfluorononane Acid (PFNA)	375-95-1	0.010
115		Perfluorononanoate Na-Salt (PFNA-Na)	21049-39-8	--
116		Nonanoic acid, heptadecafluoro-, ammonium salt (PFNA-NH ₄)	4149-60-4	--
117		Potassium perfluorononanoate (PFNA-K)	21049-38-7	--
118		Perfluorononanoate Li-Salt (PFNA-Li)	60871-92-3	--
119		Silver perfluorononanoate (PFNA-Ag)	7358-16-9	--
120		Methanaminium perfluorononanoate (PFNA-NH ₃ (CH ₃))	77032-23-6	--
121		Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1) PFNA-NH ₂ (C ₂ H ₅) ₂	77032-27-0	--
122		Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-methylmethanamine (1:1) (PFNA-NH ₂ (CH ₃) ₂)	77032-24-7	--
123		Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)	327176-80-7	--
124		Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH ₂ (C ₅ H ₁₀))	95682-66-9	--
125		Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH ₃ (C ₆ H ₅))	95682-67-0	--

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126		Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-NH ₃ (C ₆ H ₁₁))	328531-06-2	--
127		Perfluorononanoate (anion)	72007-68-2	--
128		4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C ₁₁ H ₁₂ N ₄ O ₃ S)	298703-33-0	--
129		Perfluorononanoic anhydride (PFNAA)	228407-54-3	--
130		Perfluorononanoyl chloride (PFNA-Cl)	52447-23-1	--
131		Perfluorononanoyl fluoride (PFNA-F)	558-95-2	--
132	PFDA, its salts	Perfluorodecane Acid (PFDA)	335-76-2	0.010
133		Sodium perfluorodecanoate (PFDA-Na)	3830-45-3	--
134		Perfluorodecanoate ammonium salt (PFDA-NH ₄)	3108-42-7	--
135		Potassium perfluorodecanoate (PFDA-K)	51604-85-4	--
136		Silver perfluorodecanoate (PFDA-Ag)	5784-82-7	--
137		Lithium perfluorodecanoate (PFDA-Li)	84743-32-8	--
138		Perfluorodecanoate (anion)	73829-36-4	--
139		Perfluorodecanoic anhydride (PFDA-A)	942199-24-8	--
140		Nonadecafluorodecanoyl chloride (PFDA-Cl)	307-38-0	--
141		Nonadecafluorodecanoyl Fluoride (PFDA-F)	--	--
142	PFUnDA, its salts	Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	0.010
143		Perfluoroundecanoic acid sodium salt (PFUnDA-Na)	60871-96-7	--
144		Ammonium perfluoroundecanoate (PFUnDA-NH ₄)	4234-23-5	--
145		Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8	--
146		Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2	--
147		Perfluoroundecanoate (anion)	196859-54-8	--
148	PFDoDA, its salts	Perfluorododecanoic Acid (PFDoDA)	307-55-1	0.010
149		Ammonium tricosfluorododecanoate (PFDoDA-NH ₄)	3793-74-6	--
150		Perfluorododecanoate (anion)	171978-95-3	--
151	PFTrDA, its salts	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	0.010
152		Ammonium perfluorotridecanoate (PFTrDA-NH ₄)	4288-72-6	--
153		Sodium perfluorotridecanoate (PFTrDA-Na)	60872-01-7	--
154		Perfluorotridecanoate (anion)	862374-87-6	--
155	PFTDA, its salts	Perfluorotetradecanoic Acid (PFTDA)	376-06-7	0.010
156		Perfluorotetradecanoate (anion)	365971-87-5	--
157	--	Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	0.010
158		Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.010

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159	PFDS, its salts	Sodium perfluorodecanesulfonate (PFDS-Na)	2806-15-7	--
160		Potassium perfluorodecanesulfonate (PFDS-K)	2806-16-8	--
161		Ammonium perfluorodecanesulfonate (PFDS-NH ₄)	67906-42-7	--
162		Perfluorodecane sulfonate (anion)	126105-34-8	--
163		Perfluorodecane sulfonic anhydride (PFDSA)	51667-62-0	--
164		Perfluorodecanesulphonyl fluoride (PFDS-F)	307-51-7	--
165		Perfluorodecanesulphonyl chloride (PFDS-Cl)	32779-61-6	--
166	--	1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	0.100
167	--	1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	0.100
168	--	1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	0.100
169	--	1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	0.100
170	10:2 FTS, its salts	1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	0.100
171		1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium (10:2 FTS-Na)	108026-35-3	--
172		2-(Perfluorodecyl)ethane-1-sulfonyl chloride (10:2 FTS-Cl)	27619-91-6	--
173	--	1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	0.100
174	--	1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	0.100
175	PFNS, its salts	Perfluoro nonane sulfonic acid (PFNS)	68259-12-1	0.010
176		Sodium perfluoro-1-nonanesulfonate (PFNS-Na)	98789-57-2	--
177		ammonium nonadecafluorononanesulphonate (PFNS-NH ₄)	17202-41-4	--
178		Potassium perfluorononanesulfonate (PFNS-K)	29359-39-5	--
179		Perfluorononane sulfonate (anion)	474511-07-4	--
180		Perfluorononanesulphonyl fluoride (PFNS-F)	68259-06-3	--
181	PFUnDS, its salts	Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1	0.010
182		Perfluoroundecanesulfonate (anion)	441296-91-9	--
183	PFD _o DS, its salts	Perfluorododecanesulfonic acid (PFD _o DS)	79780-39-5	0.010
184		Sodium perfluoro-1-dodecanesulfonate (PFD _o DS-Na)	1260224-54-1	--
185		Potassium perfluorododecanesulfonate (PFD _o DS-K)	85187-17-3	--
186		Perfluorododecane sulfonate (anion)	343629-43-6	--
187	PFTrDS, its salts	Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8	0.010
188		Sodium perfluoro-1-tridecanesulfonate (PFTrDS-Na)	174675-49-1	--

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189	10:2 diPAP, its salts	10:2 Fluortelomerphosphatediester (10:2 diPAP)	1895-26-7	0.100
190		Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-C ₄ H ₁₁ O ₂)	57677-98-2	--
191	--	Perfluorodecyl iodide (PFDI)	423-62-1	0.100
192	--	Perfluorododecyl iodide (PFDodI)	307-60-8	0.100
193	--	2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	0.010
194	--	2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	0.010
195	--	1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	0.100
196	PFHxS, its salts & derivatives	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	0.010
197		Perfluorohexanesulfonate Na-salt (PFHxS-Na)	82382-12-5	--
198		Perfluorohexanesulfonate K-salt (PFHxS-K)	3871-99-6	--
199		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1) (PFHxS-Li)	55120-77-9	--
200		Ammonium perfluorohexane-1-sulphonate (PFHxS-NH ₄)	68259-08-5	--
201		Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-BTPP)	1000597-52-3	--
202		N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate(PFHxS-N(C ₄ H ₉) ₄)	108427-54-9	--
203		N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate(PFHxS-N(C ₂ H ₅) ₄)	108427-55-0	--
204		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1) (PFHxS-NC ₄ H ₉)	1187817-57-7	--
205		Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (Calculated in terms of PFHxS) (PFHxS-(NC ₁₀ H ₁₄) ₃ C ₅ H ₄)	1310480-24-0	--
206		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-(NC ₈ H ₁₀) ₂ C ₁₃ H ₁₂)	1310480-27-3	--
207		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-(NC ₈ H ₁₀) ₂ C ₁₇ H ₁₂)	1310480-28-4	--

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208		Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1) (PFHxS-C ₄₂ H ₇₀ O ₃₅)	1329995-45-0	--
209		Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)(PFHxS-C ₄₈ H ₈₀ O ₄₀)	1329995-69-8	--
210		Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (TPS-PFHxS)	144116-10-9	--
211		Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-C ₄₄ H ₃₇ N ₂ O ₂)	1462414-59-0	--
212		Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-I(C ₆ H ₅) ₂)	153443-35-7	--
213		Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (PFHxS-TMA)	189274-31-5	--
214		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2-methyl-2-propanamine (1:1)(PFHxS-NH ₂ (CH ₃) ₃)	202189-84-2	--
215		Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	213740-81-9	--
216		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)(PFHxS-Ga)	341035-71-0	--
217		Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-S(C ₇ H ₇) ₂ C ₆ H ₅)	341548-85-4	--
218		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)(PFHxS-Sc)	350836-93-0	--
219		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)(PFHxS-Nd)	41184-65-0	--
220		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)(PFHxS-Y)	41242-12-0	--
221		Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)(PFHxS-S ₃ (C ₆ H ₅) ₄ (C ₆ H ₄) ₂)	421555-73-9	--
222		Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic(PFHxS-I (C ₆ H ₄) ₂ (C ₅ H ₁₁))	421555-74-0	--

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223		Perfluorohexane sulphonyl fluoride(PFHxS-F)	423-50-7	--
224		Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-S(C ₆ H ₄) ₃ (C ₄ H ₉) ₃)	425670-70-8	--
225		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (PFHxS-Zn)	70136-72-0	--
226		Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)(PFHxS-NH(C ₂ H ₅ O) ₂)	70225-16-0	--
227		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)(PFHxS-N(C ₂ H ₅) ₃)	72033-41-1	--
228		Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI) (PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	866621-50-3	--
229		Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-S(C ₆ H ₅) ₂ C ₇ H ₇)	910606-39-2	--
230		Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6,6,7-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-S(C ₆ H ₅) ₂ C ₁₀ H ₉ O ₂)	911027-68-4	--
231		1-Hexanesulfonic acid, 9,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1) (PFHxS-Cs) (PFHxS-Cs)	92011-17-1	--
232		Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-SC ₂₈ H ₃₁ O ₄)	928049-42-7	--
233		Perfluorohexylsulfonyl chloride (PFHxS-Cl)	55591-23-6	--
234		Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate (PFHxS-Sulfonium, propenoate polymer)	911027-69-5	--
235		Perfluorohexane sulfonate (anion)	108427-53-8	--
236		Tetrabutylphosphonium perfluorohexane sulfonate (PFHxS-P (C ₄ H ₉) ₄)	2310194-12-6	--
237	--	N-Methylperfluoro-1-hexanesulfonamide (N-Me-PFHxSA)	68259-15-4	0.010

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238	--	Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	0.010
239	--	N-[3-(dimethylamino)propyl] tridecafluorohexanesulphonamide (N-AP-FHxSA)	50598-28-2	0.010
240	--	2-[methyl[(tridecafluorohexyl) sulphonyl]amino]ethyl acrylate)) (N-MeFHSEA)	67584-57-0	0.200
241	--	2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-61-6	0.200
242	--	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67906-70-1	0.200
243	--	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-(MeFHxSE)	68555-75-9	0.010
244	--	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl] (EtFHxSAA)	68957-32-4	0.010
245	EtFHxSAA, its salts	Potassium N-ethyl-n-[(tridecafluorohexyl)sulfonyl]glycinate (EtFHxSAA-K)	67584-53-6	--
246	--	Sodium N-ethyl-N-((tridecafluorohexyl)sulphonyl)glycinate (EtFHxSAA-Na)	68555-70-4	--
247	--	Perfluorohexane Acid (PFHxA)	307-24-4	0.010
248	--	Ammonium perfluorohexanoate (APFHx)	21615-47-4	--
249	--	Sodium perfluorohexanoate (PFHxA-Na)	2923-26-4	--
250	--	Potassium perfluorohexanoate (PFHxA-K)	3109-94-2	--
251	--	Perfluorohexanoyl fluoride (PFHxA-F)	355-38-4	--
252	--	Silver perfluorohexanoate (PFHxA-Ag)	336-02-7	--
253	--	Lithium perfluorohexanoate (PFHxA-Li)	90430-61-8	--
254	PFHxA, its salts & derivatives	Perfluorohexanoic anhydride	308-13-4	--
255	--	Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8Cl,9Cl)	423-47-2	--
256	--	Perfluorohexanoate (anion)	92612-52-7	--
257	--	Perfluorohexanoyl chloride (PFHxA-Cl)	335-53-5	--
258	--	Perfluorohexanoyl bromide (PFHxA-Br)	1404193-66-3	--
259	--	Undecafluorohexanoic acid--hexan-1-amine (1/1) (PFHxA-C ₆ H ₁₅ N)	565225-91-4	--
260	--	1-phenylpiperazine; 2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid (PFHxA-C ₁₀ H ₁₄ N ₂)	985-60-4	--
261	--	1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	0.100
262	--	1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	0.400
263	--	1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	0.200

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264	6:2 FTS, its salts	1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS)	27619-97-2	0.010
265		Sodium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-Na)	27619-94-9	--
266		Potassium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-K)	59587-38-1	--
267		Ammonium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-NH ₄)	59587-39-2	--
268		1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-, barium salt (2:1) (6:2 FTS-Ba)	1807944-82-6	--
269		2-(Perfluorohexyl)ethane-1-sulfonate (6:2 FTS(anion))	425670-75-3	--
270		2-(Perfluorohexyl)ethanesulfonyl chloride (6:2 FTS-Cl)	27619-89-2	--
271		2-(Perfluorohexyl)ethanesulfonyl fluoride (6:2 FTS-F)	--	--
272	--	1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	0.500
273	--	1H,1H,2H,2H-Perfluorooctyltrichlorosilane	78560-45-9	0.200
274	--	1H,1H,2H,2H-Perfluorooctyltrimethoxysilane (6:2 FTSi(OCH ₃) ₃)	85857-16-5	
275	--	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	0.200
276	--	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	0.200
277	--	N-[3-(dimethylamino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	0.100
278	--	thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	0.200
279	6:2 monoPAP, its salts	6:2 Fluorotelomer phosphate monoester (6:2 monoPAP)	57678-01-0	0.100
280		Diammonium 6:2 fluorotelomer phosphate monoester (6:2 monoPAP-NH ₄ NH ₄)	1000852-37-8	-
281	--	2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	0.100
282	--	3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	0.200
283	--	1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	0.200
284	--	1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	0.200
285	--	4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	0.200
286	6:2 FTPA, its salts	Perfluorohexyl ethylphosphonic acid (6:2 FTPA)	252237-40-4	0.100
287		Tridecafluorooctyl-phosphonic acid sodium salt (1:1) (Cheminox FHP ₂ OH-Na(PFH ₃ PA-Na))	1189052-95-6	--

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288	--	1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	0.200
289	--	2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol (6:1 FTOH)	375-82-6	0.200
290	--	4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol (6:3 FTOH)	80806-68-4	0.200
291	--	3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2 sFTOH)	914637-05-1	0.200
292	--	1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	0.200
293	--	1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	0.200
294	--	2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	0.010
295	6:6 PFPi, its salts	6:6 Perfluorophosphinic acid (6:6 PFPi)	40143-77-9	0.010
296		Bis(perfluorohexyl)phosphinic acid sodium salt (6:6 PFPi-Na)	70609-44-8	--
297		Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt (6:6 PFPi-Yb)	500776-72-7	--
298		Bis(perfluorohexyl) phosphinic acid erbium(3+) salt (6:6 PFPi-Er)	500776-73-8	--
299	PFBA, its salts	Perfluorobutane Acid (PFBA)	375-22-4	0.010
300		Ammonium perfluorobutanoate (PFBA-NH ₄)	10495-86-0	--
301		Sodium perfluorobutanoate (PFBA-Na)	2218-54-4	--
302		Potassium heptafluorobutanoate (PFBA-K)	2966-54-3	--
303		Silver perfluorobutanoate (PFBA-Ag)	3794-64-7	--
304		Lithium perfluorobutanoate (PFBA-Li)	4146-76-3	--
305		Heptafluorobutanoic acid-piperazine (1:1)	375-04-2	--
306		Perfluorobutanoate (anion)	45048-62-2	--
307		4-Chlorobenzenediazonium perfluorobutanoate perfluorobutanoic acid (1:1:1) (PFBA-C ₆ H ₄ ClF ₆ N ₂ P)	--	--
308		Heptafluorobutanoic acid-1-phenylpiperazine (1:1) (PFBA-C ₁₀ H ₁₄ N ₂)	2263-11-8	--
309		Perfluorobutanoic anhydride (PFBAA)	336-59-4	--
310		Heptafluorobutanoic acid calcium salt (PFBA-Ca)	2366-98-5	--
311		Rhodium(II) perfluorobutyrate dimer (PFBA-Rh)	73755-28-9	--
312		Perfluorobutyryl chloride (PFBA-Cl)	375-16-6	--
313		Perfluorobutanoyl fluoride (PFBA-F)	335-42-2	--
314	PFBS, its salts & derivatives	Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.010
315		Perfluorobutanesulfonate K-salt (PFBS-K)	29420-49-3	--
316		Perfluorobutanesulfonic Acid Hydrate (PFBS-H ₂ O)	59933-66-3	--
317		lithium perfluorobutanesulfonate (PFBS-Li)	131651-65-5	--

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No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
339		2-Propanaminium, N,N-dimethyl-N-(1-methylethyl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	374571-81-0	--
340		Sulfonium, [4-[2-(1,1-dimethylethoxy)-2-oxoethoxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	857285-80-4	--
341		1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	124472-66-8	--
342		1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1) (PFBS-Zn)	502457-69-4	--
343		1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	56773-55-8	--
344		Perfluorobutanesulfonic acid tetramethylammonium salt (PFBS-N(CH ₃) ₄)	25628-17-5	--
345		1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, 1,1'-anhydride	36913-91-4	
346		Perfluorobutane sulfonate (anion)	45187-15-3	--
347		1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate	EC: 468-770-4	--
348		Triethylammonium perfluorobutane sulfonate	182059-38-7	--
349		N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanesulfonate (1:1)	334529-55-4	--
350		1-Hexadecylpyridinium perfluoro-1-butanesulfonate	334529-62-3	--
351		1-Butylpyridinium perfluoro-1-butanesulfonate	334529-64-5	--
352		N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanesulfonate	495417-51-1	--
353		Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanesulfonic acid (1:1)	722538-68-3	--
354	PFPeA, its salts	Perfluoropentane Acid (PFPeA)	2706-90-3	0.010
355		Sodium perfluoropentanoate(PFPeA-Na)	2706-89-0	--
356		Potassium perfluoropentanoate(PFPeA-K)	336-23-2	--
357		Lithium perfluoropentanoate (PFPeA-Li)	198482-22-3	--
358		Silver perfluoropentanoate (PFPeA-Ag)	2795-30-4	--
359		Ammonium perfluoropentanoate(PFPeA-NH ₄)	68259-11-0	--
360		Perfluoropentanoate (anion)	45167-47-3	--
361		Nonafluoropentanoic acid -1-benzylthiourea (1:1) (PFPeA-C ₈ H ₁₀ N ₂ S)	64808-55-5	--
362		Perfluoropentanoic anhydride (PFPeAA)	308-28-1	--
363		Perfluoropentanoyl chloride (PFPeA-Cl)	375-60-0	--
364		Perfluoropentanoyl fluoride (PFPeA-F)	375-62-2	--

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365	HPFHpA, its salts	7H-Dodecanefluoroheptane Acid (HPFHpA)	1546-95-8	0.010
366		Sodium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Na)	2264-25-7	--
367		Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-NH ₄)	376-34-1	--
368		7-H-Perfluoroheptanoate (HPFHpA(anion))	69681-35-2	--
369		Potassium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-K)	--	--
370		Lithium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Li)	--	--
371		7H-Perfluoroheptanoyl chloride (HPFHpA-Cl)	41405-35-0	--
372		7H-Perfluoroheptanoyl fluoride (HPFHpA-F)	5927-65-1	--
373	PFHpS, its salts	Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	0.010
374		Perfluoroheptanesulfonate Na-salt (PFHpS-Na)	21934-50-9	--
375		Potassium Perfluoroheptanesulfonate (PFHpS-K)	60270-55-5	--
376		Ammonium perfluoroheptanesulfonate (PFHpS-NH ₄)	68259-07-4	--
377		Lithium perfluoroheptanesulfonate (PFHpS-Li)	117806-54-9	--
378		1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	70225-15-9	--
379		Perfluoroheptane sulfonate (anion)	146689-46-5	--
380		Triethylammonium perfluoroheptane sulfonate	72033-40-0	--
381		Tetraethylammonium perfluoroheptane sulfonate	439863-97-5	--
382		Perfluoroheptane sulfonic anhydride (PFHpSA)	140429-92-1	--
383		Perfluoroheptanesulfonyl fluoride (PFHpS-F)	335-71-7	--
384		Perfluoroheptanesulfonyl chloride (PFHpS-Cl)	33018-82-5	--
385	PFHpA, its salts	Perfluoroheptane Acid (PFHpA)	375-85-9	0.010
386		Sodium perfluoroheptanoate (PFHpA-Na)	20109-59-5	--
387		Potassium perfluoroheptanoate (PFHpA-K)	21049-36-5	--
388		Ammonium perfluoroheptanoate (PFHpA-NH ₄)	6130-43-4	--
389		Cesium perfluoroheptanoate (PFHpA-Cs)	171198-24-6	--
390		Silver perfluoroheptanoate (PFHpA-Ag)	424-05-5	--
391		Lithium perfluoroheptanoate (PFHpA-Li)	60871-90-1	--
392		Perfluoroheptanoate (anion)	120885-29-2	--
393		Perfluoroheptanoic anhydride (PFHpAA)	78225-99-7	--
394		Perfluoroheptanoyl chloride (PFHpA-Cl)	52447-22-0	--
395		Perfluoroheptanoyl fluoride (PFHpA-F)	375-84-8	--
396		2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid (HFPO-DA)	13252-13-6	0.010



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422	5:3 FTCA, its salts	2H,2H,3H,3H-Perfluorooctanoate (5:3 FTCA(anion))	1799325-94-2	--
423	PFHxDA, its salts	Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	0.010
424		Hentriacontafluorohexadecanoate anion (PFHxDA(anion))	1214264-30-8	--
425	PFODA, its salts	Perfluorooctadecanoic Acid (PFODA)	16517-11-6	0.010
426		Perfluorooctadecanoate anion (PFODA(anion))	798556-82-8	--
427	--	1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	0.200
428		4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	0.010
429		Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA-NH ₄)	958445-44-8	--
430	ADONA, its salts	Sodium 4,8-dioxa-3H-perfluorononanoate (ADONA-Na)	2250081-67-3	--
431		Potassium 2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA-K)	1087271-46-2	--
432		2,2,3-Trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA (anion))	2127366-90-7	--
433	PFMPA, its salts	Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	0.010
434		Perfluoro-3-methoxypropanoic anhydride (PFMPAA)	42566-65-4	--
435	--	Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	0.010
436	--	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	0.010
437		9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF ₃ ONS)	756426-58-1	0.010
438	9Cl-PF ₃ ONS, its salts	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF ₃ ONS-K)	73606-19-6	--
439		Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate (9Cl-PF ₃ ONS-NH ₄)	1383434-28-3	--
440		Perfluoro(2-[(6-chlorohexyl)oxy]ethanesulfonate) (9Cl-PF ₃ ONS(anion))	1621485-21-9	--
441		11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF ₃ OUdS)	763051-92-9	0.010
442	11Cl-PF ₃ OUdS, its salts	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF ₃ OUdS-K)	83329-89-9	--
443		2-[(8-Chloro-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluorooctyl)oxy]-1,1,2,2-tetrafluoroethanesulfonate (11Cl-PF ₃ OUdS (anion))	2196242-82-5	--

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No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
472	PFETs, its salts	heptafluoropropoxy)propoxy]-, potassium salt (HFPO-TA-K)		
473		Perfluoro-2,5-dimethyl-3,6-dioxananoic acid, sodium salt (HFPO-TA-Na)	67963-76-2	--
474		Propanoic acid, 2,3,3,3-tetrafluoro-2-(1,1,2,3,3,3- hexafluoro-2-(heptafluoropropoxy)propoxy)-, ammonium salt (HFPO-TA-NH4)	13043-05-5	--
475		Perfluoro(2,5-dimethyl-3,6-dioxananoyl) fluoride (HFPO-TA-F)	2641-34-1	--
476	6:2 diPAP, its salts	Perfluoroethane sulfonic acid (PFETs)	354-88-1	0.010
477		Pentafluoroethanesulfonate (PFETs (anion))	108410-37-3	--
478		Potassium pentafluoroethane-1-sulfonate (PFETs- K)	2837-92-5	--
479		6:2 Fluorotelomer phosphate diester (6:2 diPAP)	57677-95-9	0.010
480	Bis(trifluoromethane)sulfonimide (TFSI)	Sodium bis[2-(perfluorohexyl)ethyl]phosphate (6:2 diPAP-Na)	407582-79-0	--
481		Bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphate ion(1-) (6:2 diPAP(Anion))	667465-18-1	--
482		Bis(trifluoromethane)sulfonimide (TFSI)	82113-65-3	0.010
483		1-Butyl-1-methylpyrrolidinium	223437-11-4	--
484	Bis(trifluoromethanesulfonyl)imide	Bis(trifluoromethanesulfonyl)imide	405514-94-5	--
484		Lithium Bis(trifluoromethane)sulfonimide (TFSI- Li)	90076-65-6	

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495		Strontium bis(trifluoromethylsulfonyl)imide	862121-57-1	--
496		1-Methylimidazole Bis(trifluoromethanesulfonyl)imide	353239-08-4	--
497		1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	174899-82-2	--
498		1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide	169051-76-7	--
499		Magnesium bis(trifluoromethylsulfonyl)imide (TFSI-Mg)	133395-16-1	--
500		1-Methyl-3-propylimidazolium Bis(trifluoromethanesulfonyl)imide	216299-72-8	--
501		1-Butyl-1-methylpiperidinium bis(trifluoromethylsulfonyl)imide	623580-02-9	--
502		1-Methyl-3-n-octylimidazolium Bis(trifluoromethanesulfonyl)imide	178631-04-4	--
503		Tris[bis(trifluoromethylsulfonyl)amino] ytterbium (TFSI) ₃ -Yb	175438-43-4	--
504		Butyltrimethylammonium bis(trifluoromethylsulfonyl)imide	258273-75-5	--
505		Cobalt bis(trifluoromethylsulfonyl)imide ((TFSI) ₂ -Co)	207861-61-8	--
506		Potassium Bis(trifluoromethanesulfonyl)imide (TFSI-K)	90076-67-8	--
507		1-Methyl-1-propylpiperidin-1-ium Bis((trifluoromethyl)sulfonyl)amide	608140-12-1	--
508		1-Ethyl-2,3-dimethylimidazolium Bis(trifluoromethanesulfonyl)imide	174899-90-2	--
509		1-Methyl-1-propylpyrrolidinium Bis(trifluoromethanesulfonyl)imide	223437-05-6	--
510		1,1,1-trifluoro-N-trifluoromethanesulfonyl-N-((N-trifluoromethanesulfonyltrifluoromethanesulfonamido)calcio)methanesulfonamide ((TFSI) ₂ -Ca)	165324-09-4	--
511		Choline bis(trifluoromethylsulfonyl)imide	827027-25-8	--
512		1-Dodecyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imide	404001-48-5	--
513		1-Ethyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide	223436-99-5	--
514		Diethylmethylsulfonium bis(trifluoromethylsulfonyl)imide	792188-85-3	--
515		Bis(trifluoromethylsulfonyl)azanide;mercury(2+) (TFSI) ₂ -Hg	104715-41-5	--
516	10:2 monoPAP, its salts	10:2 Fluortelomerphosphatemonoester (10:2 monoPAP)	57678-05-4	0.100
517		10:2 Fluorotelomer diammonium dihydrogen phosphate	93857-45-5	--

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518		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,12-Henicosafuorododecyl dihydrogen phosphate cyclohexylamine	2514858-66-1	--
519	--	N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	0.010
520	TFMS, its salts	Trifluoromethane sulfonic acid (TFMS)	1493-13-6	0.010
521		Trifluoromethane sulfonic acid Sodium salt (TFMS-Na)	2926-30-9	--
522		Silver trifluoromethanesulfonate (TFMS-Ag)	2923-28-6	--
523		Zinc trifluoromethanesulfonate (TFMS-Zn)	54010-75-2	--
524		Scandium trifluoromethanesulfonate (TFMS-Sc)	144026-79-9	--
525		Trifluoromethanesulfonic anhydride	358-23-6	--
526		Lithium trifluoromethanesulfonate (TFMS-Li)	33454-82-9	--
527		Copper(II) trifluoromethanesulfonate (TFMS-Cu)	34946-82-2	--
528		Barium trifluoromethanesulfonate (TFMS-Ba)	2794-60-7	--
529		Cerium(IV) trifluoromethanesulfonate (TFMS-Ce)	107792-63-2	--
530		Magnesium trifluoromethanesulfonate (TFMS-Mg)	60871-83-2	--
531		Potassium trifluoromethanesulfonate (TFMS-K)	2926-27-4	--
532		Nickel(II) Trifluoromethanesulfonate (TFMS-Ni)	60871-84-3	--
533		Tin(II) trifluoromethanesulfonate (TFMS-Sn)	62086-04-8	--
534		Yttrium(III) trifluoromethanesulfonate (TFMS-Y)	52093-30-8	--
535		Iron(III) trifluoromethanesulfonate (TFMS-Fe)	63295-48-7	--
536		Cerium(III) Trifluoromethanesulfonate (TFMS-Ce)	76089-77-5	--
537		Tetrabutylammonium trifluoromethanesulfonate	35895-70-6	--
538		Methyltrioctylammonium trifluoromethanesulfonate	121107-18-4	--
539		Imidazole trifluoromethanesulfonate	29727-06-8	--
540		Trifluoroacetyl Trifluoromethanesulfonate	68602-57-3	--
541		Lanthanum(III) trifluoromethanesulfonate(TFMS-La)	52093-26-2	--
542		Indium(III) trifluoromethanesulfonate(TFMS-In)	128008-30-0	--
543		Samarium(III) trifluoromethanesulfonate(TFMS-Sm)	52093-28-4	--
544		Ytterbium(III) trifluoromethanesulfonate(TFMS-Yb)	54761-04-5	--
545		Thulium(III) trifluoromethanesulfonate(TFMS-Tm)	141478-68-4	--
546		Tetraethylammonium trifluoromethanesulfonate	35895-69-3	--
547		1-Fluoro-3,5-dichloropyridinium triflate	107264-06-2	--
548		Triethylamine salt of trifluoromethanesulfonic acid	646-58-2	--
549		Triphenylphosphonium anhydride triflate	72450-51-2	--

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550		N,N-Diethyl-6-(diethylamino)-9-(2-(methoxycarbonyl)phenyl)-3H-xanthene-3-ylideneammonium trifluoromethanesulfonate	120611-30-5	--
551		Diphenylammonium Trifluoromethanesulfonate	164411-06-7	--
552		1-(3-aminoazetidin-1-yl)prop-2-en-1-one, trifluoromethanesulfonic acid	2060047-56-3	--
553		Guanidine trifluoromethanesulfonic acid	153756-25-3	--
554		Trifluoromethanesulfonic acid--1-ethyl-1H-imidazole (1/1)	501693-46-5	--
555		Ruthenium(3+), (OC-6-22)-, salt with trifluoromethanesulfonic acid (1:3)	74468-24-9	--
556		O-Pivaloylhydroxylamine trifluoromethanesulfonate	1293990-73-4	--
557		Trifluoromethanesulfonyl chloride	421-83-0	--
558		(2-Pyridylmethyl)sulfonyl chloride triflate	882564-09-2	--
559		Trifluoromethanesulfonyl bromide	15458-53-4	--
560		Mercury(II) trifluoromethanesulfonate(TFMS-Hg)	49540-00-3	--
561		Dysprosium(III) tris(trifluoromethanesulfonate)(TFMS-Dy)	139177-62-1	--
562		Manganese bis(trifluoromethanesulfonate)(TFMS-Mn)	55120-76-8	--
563		Pentaammine(trifluoromethanesulfonato)osmium(I II) triflate	83781-30-0	--
564		Lutetium(III) trifluoromethanesulfonate(TFMS-Lu)	126857-69-0	--
565		Terbium(III) trifluoromethanesulfonate(TFMS-Tb)	148980-31-8	--
566		Neodymium(III) trifluoromethanesulfonate(TFMS-Nd)	34622-08-7	--
567		Ammonium trifluoromethanesulfonate(TFMS-NH ₄)	38542-94-8	--
568		Holmium(III) trifluoromethanesulfonate(TFMS-Ho)	139177-63-2	--
569		Trifluoromethanesulfonate	37181-39-8	--
570		Praseodymium(III) trifluoromethanesulfonate(TFMS-Pr)	52093-27-3	--
571		Bismuth(III) trifluoromethanesulfonate(TFMS-Bi)	88189-03-1	--
572		Europium(III) trifluoromethanesulfonate(TFMS-Eu)	52093-25-1	--
573		Erbium(III) trifluoromethanesulfonate(TFMS-Er)	139177-64-3	--
574		Gallium(III) trifluoromethanesulfonate(TFMS-Ga)	74974-60-0	--
575		N,N,N-Triethyl-2,2,2-trifluoroethan-1-aminium trifluoromethanesulfonate	380230-73-9	--
576		Methanesulfonic acid, trifluoro-, calcium salt(TFMS-Ga)	55120-75-7	--
577		Thallium(1+) trifluoromethanesulfonate(TFMS-Tl)	73491-36-8	--
578		Hafnium(IV) Trifluoromethanesulfonate(TFMS-Hf)	161337-67-3	--

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579	PFPrS, its salts	Perfluoropropate sulfonic acid (PFPrS)	423-41-6	0.010
580		Perfluoropropanesulfonic acid sodium salt (PFPrS-Na)	359868-82-9	--
581	--	1-pefluoroheptyl ethanol (7:2 secondary) (7:2sFTOH)	24015-83-6	0.200
582	--	4:2 Fluorotelomer iodide (4:2 FTI)	2043-55-2	0.200
583	PFHpSi, its salts	Perfluoroheptane-1-sulfinic acid (PFHpSi)	769067-51-8	0.010
584		1-heptanesulfinic Acid Sodium Salt (PFHpSi-Na)	68555-66-8	--
585	PFOPA, its salts	Perfluorooctyl phosphoic acid (PFOPA)	40143-78-0	0.010
586		(Heptadecafluorooctyl)phosphonic acid-4-methylaniline (1/1)	1263361-03-0	--
587	--	1H,1H-Perfluorooctylamine (7:1 FTNH ₂)	307-29-9	0.200
588	--	Perfluoroheptanamide (PFHpA-NH ₂)	2358-22-7	0.100
589	--	Perfluorobutyramide (PFBA-NH ₂)	662-50-0	0.200
590	--	1H,1H,2H,2H-Nonafluorohexyl acrylate (4:2 FTA)	52591-27-2	0.200
591	--	N-methylperfluoro-1-butanefulfonamide (MeFBSA)	68298-12-4	0.010
592	--	N-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-1-hexanesulfonamide (Et-FHxSE)	34455-03-3	0.010
593	TFA, its salts	Trifluoroacetic acid (TFA)	76-05-1	1.000
594		Sodium trifluoroacetate (TFA-Na)	2923-18-4	--
595		Thallium(III) trifluoroacetate (TFA-Tl)	23586-53-0	--
596		Lithium Trifluoroacetate (TFA-Li)	2923-17-3	--
597		Silver trifluoroacetate (TFA-Ag)	2966-50-9	--
598		Cesium Trifluoroacetate (TFA-Cs)	21907-50-6	--
599		Potassium trifluoroacetate (TFA-K)	2923-16-2	--
600		Ammoniumtrifluoroacetate (TFA-NH ₄)	3336-58-1	--
601		Mercury(II) trifluoroacetate (TFA-Hg)	13257-51-7	--
602		Palladium(II) trifluoroacetate (TFA-Pd)	42196-31-6	--
603		Trifluoroacetate / Trifluoroacetic acid anion(TFA anion)	14477-72-6	--
604		Dimethyl[(trifluoroacetyl)oxy]sulfanium trifluoroacetate	57738-66-6	--
605		Aluminium tris(trifluoroacetate)(TFA-Al)	36554-89-9	--
606		Barium bis(trifluoroacetate)(TFA-Ba)	60884-92-6	--
607		Erbium tris(trifluoroacetate)(TFA-Er)	70236-99-6	--
608		Indium trifluoroacetate(TFA-In)	36554-90-2	--
609		Lanthanum tris(trifluoroacetate)(TFA-La)	70236-92-9	--
610		Nickel(2+) trifluoroacetate(TFA-Ni)	16083-14-0	--

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No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
611		Lead(II) trifluoroacetate(TFA-Pb)	4146-73-0	--
612		Acetic acid, trifluoro-, rhodium(2+) salt(TFA-Rh)	72654-51-4	--
613		Thulium tris(trifluoroacetate)(TFA-Tm)	70237-00-2	--
614		Ytterbium(3+) tris(trifluoroacetate)(TFA-Yb)	87863-62-5	--
615		Zinc bis(trifluoroacetate)(TFA-Zn)	21907-47-1	--
616		Ruthenium(II) 2,2,2-trifluoroacetate(TFA-Ru)	61612-84-8	--
617		Magnesium 2,2,2-trifluoroacetate(TFA-Mg)	123333-72-2	--
618		Copper(2+) trifluoroacetate(TFA-Cu)	123333-88-0	--
619	BETI, its salts	Bis(pentafluoroethylsulfonyl)imide	152894-10-5	0.020
620		Lithium Bis(pentafluoroethanesulfonyl)imide	132843-44-8	--
621		Bis(perfluoroethylsulfonyl)imide anion	129318-46-3	--
622		Sodium bis((perfluoroethyl)sulfonyl)amide	152894-04-7	--
623		Potassium bis((perfluoroethyl)sulfonyl)amide	221203-22-1	--
624		1-Ethyl-3-methylimidazolium bis(perfluoroethylsulfonyl)imide	216299-76-2	--
625	--	Perfluoro-2-ethoxypropanoic acid(PEPA)	267239-61-2	0.010
626	PFDPA, its salts	perfluorodecylphosphonic acid (PFDPA)	52299-26-0	0.010
627		Perfluorodecylphosphonic Acid 4-Methylbenzamine	--	--
628		Perfluorodecylphosphonic Acid Di-4-toluidine Salt	--	--
629	PFHxPA, its salts	Perfluorohexyl phosphonic acid	40143-76-8	0.010
630		Perfluorohexylphosphonic Acid 4-Methylbenzamine	1263361-02-9	--

(2) For textile and leather, list of PFAS hydrolysed ^^ when extracted by methanol/sodium hydroxide solution in below table:

Substances Name	CAS No.
N-EtFOSE, its possible source	
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)	1691-99-2
2-(N-ethylperfluorooctanesulfamido)ethyl acrylate (EtFOSAC) ^^	423-82-5
PFOA, its possible source	
Perfluorooctanoic Acid (PFOA)	335-67-1
Ethyl perfluorooctanoate (Et-PFOA) ^^	3108-24-5
Methyl perfluorooctanoate (Me-PFOA) ^^	376-27-2
8:2 FTOH, its possible source	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) ^^	1996-88-9
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) ^^	27905-45-9

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Substances Name	CAS No.
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc) ^^	37858-04-1
10:2 FTOH, its possible source	
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA) ^^	2144-54-9
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA) ^^	17741-60-5
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc) ^^	37858-05-2
6:2 FTOH, its possible source	
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA) ^^	2144-53-8
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA) ^^	17527-29-6
MeFHxSE, its possible source	
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-(MeFHxSE)	68555-75-9
2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester ^^	67584-61-6
2-[methyl[(tridecafluorohexyl) sulphonyl]amino]ethyl acrylate)) (N-MeFHSEA) ^^	67584-57-0
Et-FHxSE, its possible source	
N-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-1-hexanesulfonamide (Et-FHxSE)	34455-03-3
2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester ^^	67906-70-1
PFHpA, its possible source	
Perfluoroheptane Acid (PFHpA)	375-85-9
Perfluoroheptanamide (PFHpA-NH ₂) ^^	2358-22-7
PFBA, its possible source	
Perfluorobutane Acid (PFBA)	375-22-4
Perfluorobutyramide (PFBA-NH ₂) ^^	662-50-0
4:2 FTOH, its possible source	
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2
1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA) ^^	1799-84-4
1H,1H,2H,2H-Nonafluorohexyl acrylate (4:2 FTA) ^^	52591-27-2

- (3) Compound is hydrolysed and releases related PFAS substances when extracted by methanol/sodium hydroxide solution. Since the listed PFAS will be degraded to unknown compounds and/or can not be analysed by extraction with methanol/NaOH solution, only extractable content can be detected and

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quantified with solvent extraction methods .The results received by solvent extraction with subsequent GC-MS or GC-MS/MS or HPLC-MS/MS analysis reflect only extractable PFAS.



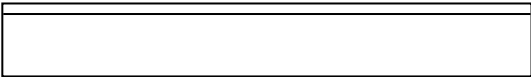
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PFASs/ PFOS/PFOA Testing Flow Chart



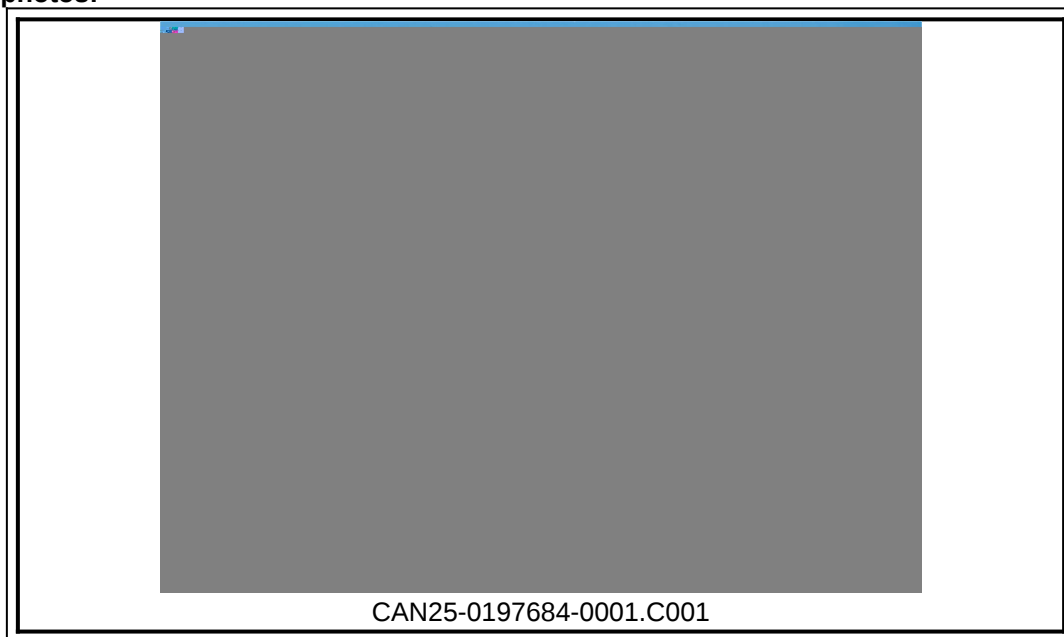
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Sample photos:



SGS authenticate the photo on original report only
*** End of Report ***