Test Report
检测报告

(PFAS)

Client Name:	ZHEJIANG NEWTON PACKING TECHNOLOGY CO., LTD.
客户名称：	浙江纽顿包装科技有限公司
Client Address:	NO. 777 HAIFENG ROAD, LONGSHAN TOWN, CIXI ECONOMIC DEVELOPMENT ZONE, CIXI CITY, ZHEJIANG PROVINCE
客户地址：	浙江省慈溪市龙山镇滨海经济开发区海丰路 777 号

Sample Name:	PET Straps
样品名称:	PET 打包带

The above sample(s) and information were provided by the client.
以上样品及信息由客户提供。

SGS Job No.:	NBP26-005248
SGS 工作编号:	NBP26-005248
Sample Receiving Date:	Jun 15, 2026
样品接收时间:	2026 年 06 月 15 日
Testing Period:	Jun 15, 2026 ~ Jun 22, 2026
检测周期:	2026 年 06 月 15 日 ~ 2026 年 06 月 22 日
Test Requested:	Select test(s) as requested by the client.
检测要求:	根据客户要求检测。
Test Method(s):	Please refer to next page(s).
检测方法:	见后续页。
Test Result(s):	Please refer to next page(s).
检测结果:	见后续页。

Summary 总结:

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Ningbo) Co., Ltd.
通标标准技术服务（宁波）有限公司
授权签字

Ashley Zhang

Ashley Zhang 张倩倩
Approved Signatory
批准签署人

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(PFAS)

725 Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content 725 项全氟和多氟烷基化合物 (PFAS) 含量	Pass 符合

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Test Sample 检测样品:

Test Part Description：
检测部件外观描述:

SN ID 样品序号	Sample No. 样品编号	SGS Sample ID SGS 样品 ID	Description 样品描述
SN1	A1	NGB26-0049479-0001.C001	Green solid 绿色固体

725 Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content
725 项全氟和多氟烷基化合物 (PFAS) 含量

Test Method 检测方法:
Modified EN 17681-1:2025, analysis was performed by LC-MS or LC-MS/MS and GC-MS or GC-MS/MS.

优化的 EN 17681-1:2025，采用 LC-MS 或 LC-MS/MS 和 GC-MS 或 GC-MS/MS 进行分析。

Test Results: (Substances in the PFAS list)
检测结果：（PFAS 清单中的物质）

Substance Name 物质名称	CAS No.	A1 Concentration (mg/kg) 浓度 (mg/kg)	MDL (mg/kg)
All tested PFAS in list 所有检测清单中的 PFAS	-	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 regulations to confirm the relevant requirements of PFAS.
(4) The conclusion is only applicable to the substance list in the report.

备注：

(1) 上表仅显示检测到的 PFAS，未报告低于 MDL 的 PFAS。有关已测试的 PFAS 的完整清单，请参阅附录。
(2) MDL= 方法检出限，ND = 未检出(低于 MDL)
(3) 基于客户的检测要求，禁用目标 PFAS。如果 PFAS 被检出，建议参考相关的法规确认 PFAS 的对应要求。
(4) 结论仅针对报告上的物质清单。

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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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The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc… and just for internal reference.
除非另有说明，参照 ILAC-G8:09/2019，使用简单接受（*w*=0）的二元判定规则进行符合性判定。
除非另有说明，此报告结果仅对检测的样品负责。本报告未经本公司书面许可，不可部分复制。
检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的，仅供内部参考。

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Member of the SGS Group (SGS SA)

(PFAS)

(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 ($PFOS\text{-}NH_4$)	29081-56-9	--
6		Perfluorooctane sulfonate diethanolamine salt ($PFOS\text{-}NH_2(C_2H_4OH)_2$)	70225-14-8	--
7		Perfluorooctanesulfonic acid,tetraethylammonium salt ($PFOS\text{-}N(C_2H_5)_4$)	56773-42-3	--
8		N-decyl-N,N-dimethyldecan-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate ($PFOS\text{-}N(C_{10}H_{21})_2(CH_3)_2$)	251099-16-8	--
9		TetrabutylAmmonium perfluorooctanesulfonate ($PFOS\text{-}N(C_4H_9)_4$)	111873-33-7	--
10		Perfluorooctane Sulfonyl fluoride (PFOS-F)	307-35-7	--
11		Magnesium bis(heptadecafluorooctanesulphonate) (PFOS-Mg)	91036-71-4	--
12		Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate	71463-74-6	--
13		Perfluorooctanesulfonate	45298-90-6	--
14		Triethylammonium perfluorooctane sulfonate ($PFOS\text{-}NH(C_2H_5)_3$)	54439-46-2	--
15		Tetramethylammonium perfluorooctane sulfonate ($PFOS\text{-}N(CH_3)_4$)	56773-44-5	--
16		N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate ($PFOS\text{-}N(C_3H_7)_3(C_5H_{11})$)	56773-56-9	--
17		N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate ($PFOS\text{-}N(C_4H_9)_3(CH_3)$)	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-Triethyldecan-1-aminium heptadecafluorooctane-1-sulfonate	773895-92-4	--
22		Tetrabutylphosphonium perfluorooctane sulfonate ($PFOS\text{-}P\ (C_4H_9)_4$))	2185049-59-4	--

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No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
23		Perfluorooctanesulfonic acid diethylamine salt (PFOS-$C_4H_{11}N$)	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	FOSAA, its salts	Perfluorooctane sulfonamidoacetic Acid (FOSAA)	2806-24-8	0.010
28		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		Cyclo-hexachloro (N-methyl- (N-(perfluorooctylsulphonyl) glycinato-O1:O1')) dihydroxytrichromium	97298-47-0	--
35	N-EtFOSAA, its salts	N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA)	2991-50-6	0.010
36		Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)	2991-51-7	--
37		2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA(anion))	909405-49-8	--
38		Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-NH_4)	2991-52-8	--
39		Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)	3871-50-9	--
40		Diaquatetrachloro[mu-[N-ethyl-N-[(perfluorooctyl) sulfonyl]glycinato-O1:O1']]-mu-hydroxybis[2-methylpropanol]dichromium	68891-96-3	--
41	--	N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	0.010
42	--	N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	0.010
43	--	2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)	1691-99-2	0.010

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44	--	2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-MeFOSE)	24448-09-7	0.010
45	PFOSA, its salts	Perfluorooctane Sulfonamide (PFOSA)	754-91-6	0.010
46		Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)	76752-79-9	--
47		Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)	76752-78-8	--
48		Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)	76752-70-0	--
49		Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH_4)	76752-72-2	--
50		Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-$C_6H_{15}N$)	76752-82-4	--
51	PFOA, its salts & derivatives	Perfluorooctanoic acid (PFOA)	335-67-1	0.010
52		Sodium perfluorooctanoate (PFOA-Na)	335-95-5	--
53		Potassium perfluorooctanoate (PFOA-K)	2395-00-8	--
54		Silver perfluorooctanoate (PFOA-Ag)	335-93-3	--
55		Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	--
56		Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	--
57		Lithium perfluorooctanoate (PFOA-Li)	17125-58-5	--
58		Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6	--
59		Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9	--
60		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	--
61		Pentadecafluorooctanoic acid--piperazine (2/1) (PFOA-NH($C_4H_{10}N$))	423-52-9	--
62		Pentadecafluorooctanoate (anion)	45285-51-6	--
63		Perfluorooctanoic Anhydride	33496-48-9	--
64		N,N,N-Triethylethanaminium perfluorooctanoate	98241-25-9	--
65		Perfluorooctanoate N,N,N-Trimethylmethanaminium	32609-65-7	--
66		Tetrapropylammonium perfluorooctanoate	277749-00-5	--
67		Potassium pentadecafluorooctanoate--water (1/1/2) (PFOA-K(H_2O)$_2$)	98065-31-7	--
68		Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C_2H_7N)	1376936-03-6	--
69		Pentadecafluorooctanoic acid--pyridine (1/1) (PFOA-C_5H_5N)	95658-47-2	--
70		pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA-$C_{10}H_{14}N_2$)	1514-68-7	--

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71		N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate (PFOA-$C_{11}H_{26}N$)	927835-01-6	--
72		Pentadecafluorooctanoyl chloride (PFOA-Cl)	335-64-8	--
73		Perfluorooctanoyl Bromide (PFOA-Br)	222037-87-8	--
74	8:2 FTS, its salts	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	0.010
75		Potassium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-K)	438237-73-1	--
76		Ammonium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-NH_4)	149724-40-3	--
77		Sodium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-Na)	27619-96-1	--
78		2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS(anion))	481071-78-7	--
79		2-(Perfluorooctyl)ethanesulfonyl chloride (8:2 FTS-Cl)	27619-90-5	--
80	--	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	0.200
81	--	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	0.200
82	--	1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	0.100
83	--	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	0.100
84	--	Perfluoro-1-iodooctane (PFOI)	507-63-1	0.200
85	8:2 FTCA, its salts	2H,2H-Perfluorodecane Acid (8:2 FTCA)	27854-31-5	0.010
86		Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C_4H_9)$_4$)	882489-14-7	--
87	--	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	0.100
88	--	1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	0.100
89	--	1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC_2H_5)$_3$)	101947-16-4	0.100
90	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
91		Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-Na)	114519-85-6	--
92		Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate	57677-97-1	--
93		Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt (8:2 diPAP-NH_4)	93776-20-6	--
94		8:2 Fluorotelomer phosphate diester ion (1-)	1411713-91-1	--
95	8:3 FTCA, its salts	2H,2H,3H,3H-Perfluoroundecanoic acid (8:3 FTCA)	34598-33-9	0.010

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
96		Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K)	83310-58-1	--
97		2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-Li)	67304-23-8	--
98	--	1H,1H,2H-Heptadecafluoro-1-decene (PFDE)	21652-58-4	0.200
99	--	3-Perfluoroheptyl propanoic acid (7:3 FTCA)	812-70-4	0.010
100	--	1H,1H,2H,2H-Perfluorodecyltrichlorosilane	78560-44-8	0.100
101	--	1H,1H,2H,2H-Perfluorodecyltrimethoxysilane	83048-65-1	
102	--	2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	0.010
103	--	6:8 Perfluorophosphinic acid (6:8 PFPi)	610800-34-5	0.010
104	8:8 PFPi, its salts	8:8 Perfluorophosphinic acid (8:8 PFPi)	40143-79-1	0.010
105		Bis(heptadecafluorooctyl)phosphinic Acid Sodium Salt (8:8 PFPi-Na)	500776-69-2	--
106		Bis(perfluorooctyl) phosphinic acid erbium(3+) salt (8:8 PFPi-Er)	500776-70-5	--
107		Bis(perfluorooctyl) phosphinic acid ytterbium(3+) salt (8:8 PFPi-Yb)	500776-71-6	--
108	--	1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	0.100
109	8:2 monoPAP, its salts	8:2 Fluorotelomer phosphate monoester (8:2 monoPAP)	57678-03-2	0.100
110		8:2 Fluorotelomer diammonium phosphate	93857-44-4	-
111		Disodium 1H,1H,2H,2H-perfluorodecylphosphate	438237-75-3	-
112		Ammonium bis[2-(perfluorohexyl)ethyl] phosphate	1764-95-0	-
113		3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt	92401-44-0	-
114		Sodium 1H,1H,2H,2H-perfluorooctylphosphate	144965-22-0	-
115		Monopotassium monoperfluorohexyl ethylphosphate	150033-28-6	-
116		Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate	2353-52-8	-
117	PFNA, its salts	Perfluorononane Acid (PFNA)	375-95-1	0.010
118		Perfluorononanoate Na-Salt (PFNA-Na)	21049-39-8	--
119		Nonanoic acid, heptadecafluoro-, ammonium salt (PFNA-NH_4)	4149-60-4	--
120		Potassium perfluorononanoate (PFNA-K)	21049-38-7	--
121		Perfluorononanoate Li-Salt (PFNA-Li)	60871-92-3	--
122		Silver perfluorononanoate (PFNA-Ag)	7358-16-9	--
123		Methanaminium perfluorononanoate (PFNA-$NH_3(CH_3)$)	77032-23-6	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
124		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-$NH_2(C_2H_5)_2$)	77032-27-0	--
125		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	--
126		Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-$NH(C_2H_5)_3$)	327176-80-7	--
127		Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-$NH_2(C_5H_{10})$)	95682-66-9	--
128		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-$NH_3(C_6H_5)$)	95682-67-0	--
129		Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-$NH_3(C_6H_{11})$)	328531-06-2	--
130		Perfluorononanoate (anion)	72007-68-2	--
131		4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-$C_{11}H_{12}N_4O_3S$)	298703-33-0	--
132		Perfluorononanoic anhydride (PFNAA)	228407-54-3	--
133		Perfluorononanoyl chloride (PFNA-Cl)	52447-23-1	--
134		Perfluorononanoyl fluoride (PFNA-F)	558-95-2	--
135		Heptadecafluorononanoyl Bromide (PFNA-Br)	261503-42-8	--
136	PFDA, its salts	Perfluorodecane Acid (PFDA)	335-76-2	0.010
137		Sodium perfluorodecanoate (PFDA-Na)	3830-45-3	--
138		Perfluorodecanoate ammonium salt (PFDA-NH_4)	3108-42-7	--
139		Potassium perfluorodecanoate (PFDA-K)	51604-85-4	--
140		Silver perfluorodecanoate (PFDA-Ag)	5784-82-7	--
141		Lithium perfluorodecanoate (PFDA-Li)	84743-32-8	--
142		Perfluorodecanoate (anion)	73829-36-4	--
143		Perfluorodecanoic anhydride (PFDAA)	942199-24-8	--
144		Nonadecafluorodecanoyl chloride (PFDA-Cl)	307-38-0	--
145		Nonadecafluorodecanoyl Fluoride (PFDA-F)	--	--
146	PFUnDA, its salts	Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	0.010
147		Perfluoroundecanoic acid sodium salt (PFUnDA-Na)	60871-96-7	--
148		Ammonium perfluoroundecanoate (PFUnDA-NH_4)	4234-23-5	--
149		Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8	--
150		Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
151		Perfluoroundecanoate (anion)	196859-54-8	--
152	PFDoDA, its salts	Perfluorododecanoic Acid (PFDoDA)	307-55-1	0.010
153		Ammonium tricosafluorododecanoate (PFDoDA-NH_4)	3793-74-6	--
154		Perfluorododecanoate (anion)	171978-95-3	--
155		Sodium perfluoro-n-dodecanoic acid (PFDoDA-Na)	307-67-5	--
156	PFTrDA, its salts	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	0.010
157		Ammonium perfluorotridecanoate (PFTrDA-NH_4)	4288-72-6	--
158		Sodium perfluorotridecanoate (PFTrDA-Na)	60872-01-7	--
159		Perfluorotridecanoate (anion)	862374-87-6	--
160	PFTDA, its salts	Perfluorotetradecanoic Acid (PFTDA)	376-06-7	0.010
161		Perfluorotetradecanoate (anion)	365971-87-5	--
162	--	Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	0.010
163	PFDS, its salts	Perfluorodecane sulfonic acid (PFDS)	335-77-3	0.010
164		Sodium perfluorodecanesulfonate (PFDS-Na)	2806-15-7	--
165		Potassium perfluorodecanesulfonate (PFDS-K)	2806-16-8	--
166		Ammonium perfluorodecanesulfonate (PFDS-NH_4)	67906-42-7	--
167		Perfluorodecane sulfonate (anion)	126105-34-8	--
168		Perfluorodecane sulfonic anhydride (PFDSA)	51667-62-0	--
169		Perfluorodecanesulphonyl fluoride (PFDS-F)	307-51-7	--
170		Perfluorodecanesulphonyl chloride (PFDS-Cl)	32779-61-6	--
171	--	1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	0.100
172	--	1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	0.100
173	--	1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	0.100
174	--	1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	0.100
175	10:2 FTS, its salts	1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	0.100
176		1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium (10:2 FTS-Na)	108026-35-3	--
177		2-(Perfluorodecyl)ethane-1-sulfonyl chloride (10:2 FTS-Cl)	27619-91-6	--
178	--	1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	0.100
179	--	1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	0.100

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
180	PFNS, its salts	Perfluoro nonane sulfonic acid (PFNS)	68259-12-1	0.010
181		Sodium perfluoro-1-nonanesulfonate (PFNS-Na)	98789-57-2	--
182		ammonium nonadecafluorononanesulphonate (PFNS-NH_4)	17202-41-4	--
183		Potassium perfluorononanesulfonate (PFNS-K)	29359-39-5	--
184		Perfluorononane sulfonate (anion)	474511-07-4	--
185		Perfluorononanesulfonyl fluoride (PFNS-F)	68259-06-3	--
186	PFUnDS, its salts	Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1	0.010
187		Perfluoroundecanesulfonate (anion)	441296-91-9	--
188	PFDoDS, its salts	Perfluorododecanesulfonic acid (PFDoDS)	79780-39-5	0.010
189		Sodium perfluoro-1-dodecanesulfonate (PFDoDS-Na)	1260224-54-1	--
190		Potassium perfluorododecanesulfonate (PFDoDS-K)	85187-17-3	--
191		Perfluorododecane sulfonate (anion)	343629-43-6	--
192	PFTrDS, its salts	Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8	0.010
193		Sodium perfluoro-1-tridecanesulfonate (PFTrDS-Na)	174675-49-1	--
194	10:2 diPAP, its salts	10:2 Fluorotelomer phosphate diester (10:2 diPAP)	1895-26-7	0.100
195		Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-$C_4H_{11}O_2$)	57677-98-2	--
196	--	Perfluorodecyl iodide (PFDI)	423-62-1	0.100
197	--	Perfluorododecyl iodide (PFDoDI)	307-60-8	0.100
198	--	2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	0.010
199	--	2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	0.010
200	--	1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	0.100
201	PFHxS, its salts & derivatives	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	0.010
202		Perfluorohexanesulfonate Na-salt (PFHxS-Na)	82382-12-5	--
203		Perfluorohexanesulfonate K-salt (PFHxS-K)	3871-99-6	--
204		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	--
205		Ammonium perfluorohexane-1-sulphonate (PFHxS-NH_4)	68259-08-5	--
206		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	--
207		N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate(PFHxS-N(C_4H_9)$_4$)	108427-54-9	--

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(PFAS)

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208		N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate(PFHxS-N(C_2H_5)$_4$)	108427-55-0	--
209		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1) (PFHxS-NC_4H_9)	1187817-57-7	--
210		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-$(NC_{10}H_{14})_3C_5H_4$)	1310480-24-0	--
211		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-$(NC_8H_{10})_2C_{13}H_{12}$)	1310480-27-3	--
212		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-$(NC_8H_{10})_2C_{17}H_{12}$)	1310480-28-4	--
213		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	--
214		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	--
215		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	--
216		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-$C_{44}H_{37}N_2O_2$)	1462414-59-0	--
217		Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-$I(C_6H_5)_2$)	153443-35-7	--
218		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	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
219		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	--
220		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-$I(C_6H_4)_2(C_4H_9)_2$)	213740-81-9	--
221		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)(PFHxS-Ga)	341035-71-0	--
222		Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-$S(C_7H_7)_2C_6H_5$)	341548-85-4	--
223		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	--
224		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	--
225		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	--
226		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-$S_3(C_6H_5)_4(C_6H_4)_2$)	421555-73-9	--
227		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 $(C_6H_4)_2(C_5H_{11})$	421555-74-0	--
228		Perfluorohexanesulphonyl fluoride (PFHxS-F)	423-50-7	--
229		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-$S(C_6H_4)_3(C_4H_9)_3$)	425670-70-8	--
230		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (PFHxS-Zn)	70136-72-0	--
231		Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)(PFHxS-$NH(C_2H_5O)_2$)	70225-16-0	--
232		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-$N(C_2H_5)_3$)	72033-41-1	--
233		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-$I(C_6H_4)_2(C_4H_9)_2$)	866621-50-3	--
234		Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-$S(C_6H_5)_2C_7H_7$)	910606-39-2	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
235		Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-$S(C_6H_5)_2C_{10}H_9O_2$)	911027-68-4	--
236		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	--
237		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	--
238		Perfluorohexylsulfonyl chloride (PFHxS-Cl)	55591-23-6	--
239		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[3.3.1.13,7]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.13,7]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate (PFHxS-Sulfonium, propenoate polymer)	911027-69-5	--
240		Perfluorohexane sulfonate (anion)	108427-53-8	--
241		Tetrabutylphosphonium perfluorohexane sulfonate (PFHxS-P ($C_4H_9)_4$))	2310194-12-6	--
242	--	N-Methylperfluoro-1-hexanesulfonamide (N-Me-PFHxSA)	68259-15-4	0.010
243	--	Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	0.010
244	--	N-[3-(dimethylamino)propyl] tridecafluorohexanesulphonamide (N-AP-FHxSA)	50598-28-2	0.010
245	--	2-[methyl[(tridecafluorohexyl) sulphonyl]amino]ethyl acrylate)) (N-MeFHSEA)	67584-57-0	0.200
246	--	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
247	--	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
248	--	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
249	EtFHxSAA, its salts	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

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
250		Potassium N-ethyl-n-[(tridecafluorohexyl)sulfonyl]glycinate (EtFHxSAA-K)	67584-53-6	--
251		Sodium N-ethyl-N-((tridecafluorohexyl)sulphonyl)glycinate (EtFHxSAA-Na)	68555-70-4	--
252	PFHxA, its salts & derivatives	Perfluorohexane Acid (PFHxA)	307-24-4	0.010
253		Ammonium perfluorohexanoate (APFHx)	21615-47-4	--
254		Sodium perfluorohexanoate (PFHxA-Na)	2923-26-4	--
255		Potassium perfluorohexanoate (PFHxA-K)	3109-94-2	--
256		Perfluorohexanoyl fluoride (PFHxA-F)	355-38-4	--
257		Silver perfluorohexanoate (PFHxA-Ag)	336-02-7	--
258		Lithium perfluorohexanoate (PFHxA-Li)	90430-61-8	--
259		Perfluorohexanoic anhydride	308-13-4	--
260		Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8CI,9CI)	423-47-2	--
261		Perfluorohexanoate (anion)	92612-52-7	--
262		Perfluorohexanoyl chloride (PFHxA-Cl)	335-53-5	--
263		Perfluorohexanoyl bromide (PFHxA-Br)	1404193-66-3	--
264		Undecafluorohexanoic acid--hexan-1-amine (1/1) (PFHxA-$C_6H_{15}N$)	565225-91-4	--
265		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	--
266	--	1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	0.100
267	--	1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	0.400
268	--	1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	0.200
269	6:2 FTS, its salts	1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS)	27619-97-2	0.010
270		Sodium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-Na)	27619-94-9	--
271		Potassium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-K)	59587-38-1	--
272		Ammonium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-NH_4)	59587-39-2	--
273		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	--
274		2-(Perfluorohexyl)ethane-1-sulfonate (6:2FTS(anion))	425670-75-3	--
275		2-(Perfluorohexyl)ethanesulfonyl chloride (6:2 FTS-Cl)	27619-89-2	--
276		2-(Perfluorohexyl)ethanesulfonyl fluoride (6:2 FTS-F)	--	--

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No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
277	--	1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC_2H_5)$_3$)	51851-37-7	0.500
278	--	1H,1H,2H,2H-Perfluorooctyltrichlorosilane	78560-45-9	0.200
279	--	1H,1H,2H,2H-Perfluorooctyltrimethoxysilane (6:2 FTSi(OCH_3)$_3$)	85857-16-5	
280	--	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	0.200
281	--	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	0.200
282	--	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
283	--	thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	0.200
284	6:2 monoPAP, its salts	6:2 Fluorotelomer phosphate monoester (6:2 monoPAP)	57678-01-0	0.100
285		Diammonium 6:2 fluorotelomer phosphate monoester (6:2 monoPAP-NH_4NH_4)	1000852-37-8	-
286	--	2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	0.100
287	--	3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	0.200
288	--	1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe_2Cl)	102488-47-1	0.200
289	--	1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	0.200
290	--	4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	0.200
291	6:2 FTPA, its salts	Perfluorohexyl ethylphosphonic acid (6:2 FTPA)	252237-40-4	0.100
292		Tridecafluorooctyl-phosphonic acid sodium salt (1:1) (Cheminox FHP_2OH-Na(PFHXPA-Na))	1189052-95-6	--
293	--	1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	0.200
294	--	2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol (6:1 FTOH)	375-82-6	0.200
295	--	4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol (6:3 FTOH)	80806-68-4	0.200
296	--	3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2 sFTOH)	914637-05-1	0.200
297	--	1-(perfluorohexyl)octane (F_6H_8)	133331-77-8	0.200
298	--	1H,1H-Tridecafluoroheptylamine (6:1 FTNH_2)	423-49-4	0.200
299	--	2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	0.010
300	6:6 PFPi, its salts	6:6 Perfluorophosphinic acid (6:6 PFPi)	40143-77-9	0.010
301		Bis(perfluorohexyl)phosphinic acid sodium salt (6:6 PFPi-Na)	70609-44-8	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
302		Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt (6:6 PFPi-Yb)	500776-72-7	--
303		Bis(perfluorohexyl) phosphinic acid erbium(3+) salt (6:6 PFPi-Er)	500776-73-8	--
304	PFBA, its salts	Perfluorobutane Acid (PFBA)	375-22-4	0.010
305		Ammonium perfluorobutanoate (PFBA-NH_4)	10495-86-0	--
306		Sodium perfluorobutanoate (PFBA-Na)	2218-54-4	--
307		Potassium heptafluorobutanoate (PFBA-K)	2966-54-3	--
308		Silver perfluorobutanoate (PFBA-Ag)	3794-64-7	--
309		Lithium perfluorobutanoate (PFBA-Li)	4146-76-3	--
310		Heptafluorobutanoic acid-piperazine (1:1)	375-04-2	--
311		Perfluorobutanoate (anion)	45048-62-2	--
312		4-Chlorobenzenediazonium perfluorobutanoate perfluorobutanoic acid (1:1:1) (PFBA-$C_6H_4ClF_6N_2P$)	--	--
313		Heptafluorobutanoic acid-1-phenylpiperazine (1:1) (PFBA-$C_{10}H_{14}N_2$)	2263-11-8	--
314		Perfluorobutanoic anhydride (PFBAA)	336-59-4	--
315		Heptafluorobutanoic acid calcium salt (PFBA-Ca)	2366-98-5	--
316		Rhodium(II) perfluorobutyrate dimer (PFBA-Rh)	73755-28-9	--
317		Perfluorobutyryl chloride (PFBA-Cl)	375-16-6	--
318		Perfluorobutanoyl fluoride (PFBA-F)	335-42-2	--
319		Heptafluorobutanoyl Bromide (PFBA-Br)	375-13-3	--
320		4-Chlorobenzenediazonium perfluorobutanoate perfluorobutanoic acid (1:1:1)	--	--
321		N5-(5-Hydroxy-4,6-dimethylpyrimidin-2-yl)-L-ornithine- heptafluorobutanoic acid (1/2)	936233-19-1	--
322	PFBS, its salts & derivatives	Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.010
323		Perfluorobutanesulfonate K-salt (PFBS-K)	29420-49-3	--
324		Perfluorobutanesulfonic Acid Hydrate (PFBS-H_2O)	59933-66-3	--
325		lithium perfluorobutanesulfonate (PFBS-Li)	131651-65-5	--
326		Triphenyl Sulfonium Perfluorobutane Sulfonate (TPS-PFBS)	144317-44-2	--
327		Dimethyl(phenyl)sulfanium perfluorobutanesulfonate (PFBS-S(CH_3)$_2$$C_6H_5$)	220133-51-7	--
328		Tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate (PFBS-P(C_4H_9)$_4$)	220689-12-3	--
329		N,N,N,-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate(PFBS-N(C_2H_5)$_4$)	25628-08-4	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
330		Nonafluorobutanesulfonyl fluoride (PFBS-F)	375-72-4	--
331		Morpholinium perfluorobutanesulfonate (PFBS-NC_4H_9O)	503155-89-3	--
332		Magnesium perfluorobutanesulfonate (PFBS-Mg)	507453-86-3	--
333		Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate (PFBS-NH_4)	68259-10-9	--
334		1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate (PFBS-$SC_{18}H_{23}O$)	209482-18-8	--
335		1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl chloride (PFBS-Cl)	2991-84-6	--
336		Sodium perfluorobutanesulfonate (PFBS-Na)	60453-92-1	--
337		Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanesulfonate (PFBS-$I(C_6H_4)_2(C_4H_9)_2$)	194999-85-4	--
338		1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid, compound with 2,2'-iminodiethanol (1:1) (PFBS-$NH(C_2H_5O)_2$)	70225-18-2	--
339		Tetrabutylammonium nonafluorobutanesulfonate ((PFBS-$N(C_4H_9)_4$))	108427-52-7	--
340		Diphenyliodanium nonafluorobutane-1-sulfonate((PFBS-$I(C_6H_5)_2$))	194999-82-1	--
341		Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	241806-75-7	--
342		Sulfonium, (4-cyclohexylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	425670-64-0	--
343		Thiophenium, tetrahydro-1-(1-methyl-1H-indol-3-yl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	867373-18-0	--
344		Pyridinium, 1-ethyl-3-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	1015420-87-7	--
345		1H-Imidazolium, 1-methyl-3-octyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	905972-83-0	--
346		1H-Imidazolium, 3-hexyl-1-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	1001557-05-6	--
347		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	--
348		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	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
349		1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	124472-66-8	--
350		1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1) (PFBS-Zn)	502457-69-4	--
351		1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	56773-55-8	--
352		Perfluorobutanesulfonic acid tetramethylammonium salt (PFBS-N(CH_3)$_4$)	25628-17-5	--
353		1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, 1,1'-anhydride	36913-91-4	
354		Perfluorobutane sulfonate (anion)	45187-15-3	--
355		1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate	EC: 468-770-4	--
356		Triethylammonium perfluorobutane sulfonate	182059-38-7	--
357		N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanesulfonate (1:1)	334529-55-4	--
358		1-Hexadecylpyridinium perfluoro-1-butanesulfonate	334529-62-3	--
359		1-Butylpyridinium perfluoro-1-butanesulfonate	334529-64-5	--
360		N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanesulfonate	495417-51-1	--
361		Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanesulfonic acid (1:1)	722538-68-3	--
362		N-Ethyl-N-methyl-N-propylammonium perfluorobutanesulfonate	1186599-90-5	--
363		[4-(2-Methylpropyl)phenyl]-diphenylsulfanium;1,1,2,2,3,3,4, 4,4-nonafluorobutane-1-sulfonate	1375211-36-1	--
364		Diphenyl 4-tertbutylphenylsulfonium nonafluorobutanesulfonate	258872-05-8	--
365		Diphenyl(4-methylphenyl)sulfonium nonafluorobutanesulfonate	284474-28-8	--
366		Trimethylsilyl nonafluorobutanesulfonate	68734-62-3	--
367	PFPeA, its salts	Perfluoropentane Acid (PFPeA)	2706-90-3	0.010
368		Sodium perfluoropentanoate(PFPeA-Na)	2706-89-0	--
369		Potassium perfluoropentanoate (PFPeA-K)	336-23-2	--
370		Lithium perfluoropentanoate (PFPeA-Li)	198482-22-3	--
371		Silver perfluoropentanoate (PFPeA-Ag)	2795-30-4	--
372		Ammonium perfluoropentanoate(PFPeA-NH_4)	68259-11-0	--
373		Perfluoropentanoate (anion)	45167-47-3	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
374		Nonafluoropentanoic acid -1-benzylthiourea (1:1) (PFPeA-$C_8H_{10}N_2S$)	64808-55-5	--
375		Perfluoropentanoic anhydride (PFPeAA)	308-28-1	--
376		Perfluoropentanoyl chloride (PFPeA-Cl)	375-60-0	--
377		Perfluoropentanoyl fluoride (PFPeA-F)	375-62-2	--
378		Nonafluoropentanoyl bromide (PFPeA-Br)	159623-35-5	--
379	HPFHpA, its salts	7H-Dodecanefluoroheptane Acid (HPFHpA)	1546-95-8	0.010
380		Sodium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Na)	2264-25-7	--
381		Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-NH_4)	376-34-1	--
382		7-H-Perfluoroheptanoate (HPFHpA(anion))	69681-35-2	--
383		Potassium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-K)	--	--
384		Lithium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Li)	--	--
385		7H-Perfluoroheptanoyl chloride (HPFHpA-Cl)	41405-35-0	--
386		7H-Perfluoroheptanoyl fluoride (HPFHpA-F)	5927-65-1	--
387		Perfluoroheptanoyl Bromide (HPFHpA-Br)	141893-84-7	--
388	PFHpS, its salts	Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	0.010
389		Perfluoroheptanesulfonate Na-salt (PFHpS-Na)	21934-50-9	--
390		Potassium Perfluoroheptanesulfonate (PFHpS-K)	60270-55-5	--
391		Ammonium perfluoroheptanesulfonate (PFHpS-NH_4)	68259-07-4	--
392		Lithium perfluoroheptanesulfonate (PFHpS-Li)	117806-54-9	--
393		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	--
394		Perfluoroheptane sulfonate (anion)	146689-46-5	--
395		Triethylammonium perfluoroheptane sulfonate	72033-40-0	--
396		Tetraethylammonium perfluoroheptane sulfonate	439863-97-5	--
397		Perfluoroheptane sulfonic anhydride (PFHpSA)	140429-92-1	--
398		Perfluoroheptanesulfonyl fluoride (PFHpS-F)	335-71-7	--
399		Perfluoroheptanesulfonyl chloride(PFHpS-Cl)	33018-82-5	--
400	PFHpA, its salts	Perfluoroheptane Acid (PFHpA)	375-85-9	0.010
401		Sodium perfluoroheptanoate (PFHpA-Na)	20109-59-5	--
402		Potassium perfluoroheptanoate (PFHpA-K)	21049-36-5	--
403		Ammonium perfluoroheptanoate (PFHpA-NH_4)	6130-43-4	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
404		Cesium perfluoroheptanoate (PFHpA-Cs)	171198-24-6	--
405		Silver perfluoroheptanoate (PFHpA-Ag)	424-05-5	--
406		Lithium perfluoroheptanoate (PFHpA-Li)	60871-90-1	--
407		Perfluoroheptanoate (anion)	120885-29-2	--
408		Perfluoroheptanoic anhydride (PFHpAA)	78225-99-7	--
409		Perfluoroheptanoyl chloride (PFHpA-Cl)	52447-22-0	--
410		Perfluoroheptanoyl fluoride (PFHpA-F)	375-84-8	--
411	HFPO-DA, its salts & derivatives	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid (HFPO-DA)	13252-13-6	0.010
412		2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, ammonium salts (HFPO-DA-NH_4)	62037-80-3	--
413		2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, K- salts (HFPO-DA-K)	67118-55-2	--
414		2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its acyl halides (HFPO-DA-F)	2062-98-8	--
415		Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-	75579-39-4	--
416		Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-	75579-40-7	--
417		Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	67963-75-1	--
418		Perfluoro(2-propoxypropanoate)	122499-17-6	--
419		2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid--N-propylpropan-1-amine (1/1)	165951-17-7	--
420		Triethylaminium perfluoro-2-propoxypropanoate	165951-18-8	--
421		4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	298703-31-8	--
422		2,3,6-Triiodobenzoic acid (1-methyl-3-piperidinyl)methyl ester compd. with perfluoro-2-(propoxy)propanoate (1:1) (HFPO-$C_{14}H_{16}I_3NO_2$)	2412106-69-3	--
423	4:2 FTS, its salts	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	0.010
424		1H,1H,2H,2H-perfluorohexane sulfonate acid sodium salt	27619-93-8	--
425		4:2 Fluorotelomer sulfonate (4:2 FTS(anion))	414911-30-1	--
426	PFPeS, its salts	Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.010
427		Sodium perfluoro-1-pentanesulfonate (PFPeS-Na)	630402-22-1	--
428		Potassium perfluoropentane-1-sulphonate (PFPeS-K)	3872-25-1	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
429		Ammonium perfluoropentanesulfonate (PFPeS-NH_4)	68259-09-6	--
430		Bis(2-hydroxyethyl) ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate	70225-17-1	--
431		Undecafluoropentane-1-sulfonic acid lithium salt (PFPeS-Li)	1046864-81-6	--
432		Perfluoropentane sulfonate (anion)	175905-36-9	--
433		Triethylammonium perfluoropentane sulfonate	72033-42-2	--
434		Perfluoropentane sulfonic anhydride (PFPeSA)	161877-72-1	--
435	--	2-Perfluorohexyl ethanoic acid (6:2 FTCA)	53826-12-3	0.010
436	5:3 FTCA, its salts	3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3	0.010
437		2H,2H,3H,3H-Perfluorooctanoate (5:3 FTCA(anion))	1799325-94-2	--
438	PFHxDA, its salts	Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	0.010
439		Hentriacontafluorohexadecanoate anion (PFHxDA(anion))	1214264-30-8	--
440	--	Perfluoroheptadecanoic acid (PFHpDA)	57475-95-3	0.010
441	PFODA, its salts	Perfluorooctadecanoic Acid (PFODA)	16517-11-6	0.010
442		Perfluorooctadecanoate anion (PFODA(anion))	798556-82-8	--
443		Potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-pentatriacontafluorooctadecanoate	--	--
444		Sodium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-pentatriacontafluorooctadecanoate	--	--
445		Lithium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-pentatriacontafluorooctadecanoate	--	--
446	--	Perfluorononadecanoic acid (PFNDA)	133921-38-7	0.010
447	--	Eicosanoic acid, nonatriacontafluoro (C_{20} PFCA)	68310-12-3	0.010
448	--	Perfluoroheneicosanoic acid (C_{21} PFCA)	2920913-30-8	0.010
449	--	1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	0.200
450	ADONA, its salts	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	0.010
451		Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA-NH_4)	958445-44-8	--
452		Sodium 4,8-dioxa-3H-perfluorononanoate (ADONA-Na)	2250081-67-3	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
453		Potassium 2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA-K)	1087271-46-2	--
454		2,2,3-Trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA (anion))	2127366-90-7	--
455	PFMPA, its salts	Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	0.010
456		Perfluoro-3-methoxypropanoic anhydride (PFMPAA)	42566-65-4	--
457	--	Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	0.010
458	--	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	0.010
459	9Cl-PF_3ONS, its salts	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF_3ONS)	756426-58-1	0.010
460		Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF_3ONS-K)	73606-19-6	--
461		Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate (9Cl-PF_3ONS-NH_4)	1383434-28-3	--
462		Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonate) (9Cl-PF_3ONS(anion))	1621485-21-9	--
463	11Cl-PF_3OUdS, its salts	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF_3OUdS)	763051-92-9	0.010
464		Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF_3OUdS-K)	83329-89-9	--
465		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_3OUdS (anion))	2196242-82-5	--
466	PFEESA, its salts	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	0.010
467		Potassium perfluoro(2-ethoxyethane) sulfonate (PFEESA-K)	117205-07-9	--
468		Sodium perfluoro(2-ethoxyethane) sulfonate (PFEESA-Na)	113507-87-2	--
469	3:3 FTCA, its salts	3-Perfluoropropyl propanoic acid (3:3 FTCA)	356-02-5	0.010
470		4,4,5,5,6,6,6-Heptafluorohexanoate (3:3 FTCA(anion))	1169706-83-5	--
471		Sodium 3-(perfluoropropyl)propanoate (3:3 FTCA-Na)	1207462-13-2	--
472	PFPeDA, its salts	Pentadecanoic acid, nonacosafluoro (PFPeDA)	141074-63-7	0.010
473		Nonacosafluoropentadecanoate (PFPeDA(anion))	1214264-29-5	--
474	--	1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA)	1799-84-4	0.200
475	--	2-(N-ethylperfluorooctanesulfamido) ethyl acrylate (EtFOSAC)	423-82-5	0.200

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
476	--	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	0.200
477	PFBSA, its salts	Perfluorobutane sulfonamides (PFBSA)	30334-69-1	0.100
478		Nonafluorobutanesulfonamide ammonia salt (FBSA-NH4)	131003-86-6	--
479		Potassium (perfluorobutanesulfonyl)azanide (FBSA-K)	289042-19-9	--
480	--	1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide (PFBS-NC_3H_8O)	34454-97-2	0.010
481	11H-PFUnDA, its salts	11H-Perfluoroundecanoic acid (11H-PFUnDA)	1765-48-6	0.100
482		Potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafluoroundecanoate (11H-PFUnDA-K)	307-71-1	--
483		Ammonium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafluoroundecanoate (11H-PFUnDA-NH_4)	5081-02-7	--
484		11-H-Perfluoroundecanoate (11H-PFUnDA(anion))	69681-37-4	--
485	PFPrA, its salts	Pentafluoropropionic acid (PFPrA)	422-64-0	0.100
486		Sodium pentafluoropropionate (PFPrA-Na)	378-77-8	--
487		Silver pentafluoropropionate (PFPrA-Ag)	509-09-1	--
488		Potassium pentafluoropropionate (PFPrA-K)	378-76-7	--
489		Ammonium pentafluoropropionate (PFPrA-NH_4)	2730-58-7	--
490		Perfluoropropanoate (PFPrA(anion))	44864-55-3	--
491		Pentafluoropropanoic acid-1-phenylpiperazine (1/1) (PFPrA-$C_{10}H_{14}N_2$)	893-87-8	--
492		Pentafluoropropanoic acid-piperazine (1/1) (PFPrA-$C_4H_{10}N_2$)	1690-94-4	--
493		Imidazole perfluoropropionic acid salt (PFPrA-$C_3H_4N_2$)	200705-90-4	--
494	HFPO-TA, its salts	Hexafluoropropylene oxide trimer acid (HFPO-TA)	13252-14-7	0.200
495		Propanoic acid, 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propoxy]-, potassium salt (HFPO-TA-K)	67118-57-4	--
496		Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid, sodium salt (HFPO-TA-Na)	67963-76-2	--
497		Propanoic acid, 2,3,3,3-tetrafluoro-2-(1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy)-, ammonium salt (HFPO-TA-NH_4)	13043-05-5	--
498		Perfluoro(2,5-dimethyl-3,6-dioxanonanoyl) fluoride (HFPO-TA-F)	2641-34-1	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
499		Triethylaminium perfluoro-2-(2-propoxypropoxy)propanoate (HFPO-TA-$NH(C_2H_5)_3$)	165951-19-9	--
500		Methanaminium perfluoro-2-(2-propoxypropoxy)propanoate	328065-29-8	--
501		2,3,3,3-Tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoic acid--N-methylmethanamine (1/1)	328065-54-9	--
502	PFEtS, its salts	Perfluoroethane sulfonic acid (PFEtS)	354-88-1	0.010
503		Pentafluoroethanesulfonate (PFEtS (anion))	108410-37-3	--
504		Potassium pentafluoroethane-1-sulfonate (PFEtS-K)	2837-92-5	--
505	6:2 diPAP, its salts	6:2 Fluorotelomer phosphate diester (6:2 diPAP)	57677-95-9	0.010
506		Sodium bis[2-(perfluorohexyl)ethyl]phosphate (6:2 diPAP-Na)	407582-79-0	--
507		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	--
508	TFSI, its salts	Bis(trifluoromethane)sulfonimide (TFSI)	82113-65-3	0.010
509		1-Butyl-1-methylpyrrolidinium Bis(trifluoromethanesulfonyl)imide	223437-11-4	--
510		Tributylmethylammonium Bis(trifluoromethanesulfonyl)imide	405514-94-5	--
511		Lithium Bis(trifluoromethane)sulfonimide (TFSI-Li)	90076-65-6	--
512		1-Decyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide	433337-23-6	--
513		Zinc(II) Bis(trifluoromethanesulfonyl)imide ($(TFSI)_2$-Zn)	168106-25-0	--
514		Manganese(II) Bis(trifluoromethanesulfonyl)imide ($(TFSI)_2$-Mn)	207861-55-0	--
515		Nickel bis(trifluoromethylsulfonyl)imide ($(TFSI)_2$-Ni)	207861-63-0	--
516		Copper(II) Bis(trifluoromethanesulfonyl)imide ($(TFSI)_2$-Cu)	162715-14-2	--
517		(OC-6-11)-Tris(1,1,1-trifluoro-N-((trifluoromethyl)sulfonyl-kappaO) methanesulfonamidato-kappaO)iron ($(TFSI)_3$-Fe)	207861-59-4	--
518		Copper(II) trifluoromethanesulfonimide hydrate ($(TFSI)_2$-CuH_2O)	1334406-76-6	--
519		Silver Bis(trifluoromethanesulfonyl)imide (TFSI-Ag)	189114-61-2	--
520		Copper bis(trifluoromethylsulfonyl)imide (TFSI-Cu)	291300-50-0	--
521		Barium(II) Bis(trifluoromethanesulfonyl)imide ($(TFSI)_2$-Ba)	168106-22-7	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
522		Strontium bis(trifluoromethylsulfonyl)imide	862121-57-1	--
523		1-Methylimidazole Bis(trifluoromethanesulfonyl)imide	353239-08-4	--
524		1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	174899-82-2	--
525		1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide	169051-76-7	--
526		Magnesium bis(trifluoromethylsulfonyl)imide (TFSI-Mg)	133395-16-1	--
527		1-Methyl-3-propylimidazolium Bis(trifluoromethanesulfonyl)imide	216299-72-8	--
528		1-Butyl-1-methylpiperidinium bis(trifluoromethylsulfonyl)imide	623580-02-9	--
529		1-Methyl-3-n-octylimidazolium Bis(trifluoromethanesulfonyl)imide	178631-04-4	--
530		Tris[bis(trifluoromethylsulfonyl)amino] ytterbium ($(TFSI)_3$-Yb)	175438-43-4	--
531		Butyltrimethylammonium bis(trifluoromethylsulfonyl)imide	258273-75-5	--
532		Cobalt bis(trifluoromethylsulfonyl)imide ($(TFSI)_2$-Co)	207861-61-8	--
533		Potassium Bis(trifluoromethanesulfonyl)imide (TFSI-K)	90076-67-8	--
534		1-Methyl-1-propylpiperidin-1-ium Bis((trifluoromethyl)sulfonyl)amide	608140-12-1	--
535		1-Ethyl-2,3-dimethylimidazolium Bis(trifluoromethanesulfonyl)imide	174899-90-2	--
536		1-Methyl-1-propylpyrrolidinium Bis(trifluoromethanesulfonyl)imide	223437-05-6	--
537		1,1,1-trifluoro-N-trifluoromethanesulfonyl-N-((N-trifluoromethanesulfonyltrifluoromethanesulfonamido)calcio)methanesulfonamide ($(TFSI)_2$-Ca)	165324-09-4	--
538		Choline bis(trifluoromethylsulfonyl)imide	827027-25-8	--
539		1-Dodecyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imide	404001-48-5	--
540		1-Ethyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide	223436-99-5	--
541		Diethylmethylsulfonium bis(trifluoromethylsulfonyl)imide	792188-85-3	--
542		Bis(trifluoromethylsulfonyl)azanide;mercury(2+) ($(TFSI)_2$-Hg)	104715-41-5	--
543		Cerium(III) Bis(trifluoromethanesulfonyl)imide (TFSI-Ce)	1046099-39-1	--
544		Cadmium bis{bis[(trifluoromethyl)sulfonyl]azanide} (TFSI-Cd)	1263295-73-3	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
545		Bis(trifluoromethanesulfonyl)imide Lanthanum(III) Salt (TFSI-La)	168106-26-1	--
546		Scandium(III) bis(trifluoromethylsulfonyl)imide (TFSI-Sc)	176726-07-1	--
547		Yttrium(III) bis(trifluoromethanesulfonyl)imide (TFSI-Y)	189114-86-1	--
548		Vanadium tris(bis(trifluoromethanesulfon)imide) (TFSI-V)	207861-54-9	--
549		Iron(II) bis(trifluoromethanesulfonyl)imide (TFSI-Fe)	207861-57-2	--
550		Tin(II) bis(trifluoromethylsulfonyl)imide (TFSI-Sn)	460096-08-6	--
551		Cesium bis(trifluoromethanesulfonyl)imide (TFSI-Cs)	91742-16-4	--
552		Sodium bis(trifluoromethanesulfonyl)imide (TFSI-Na)	91742-21-1	--
553	10:2 monoPAP, its salts	10:2 Fluorotelomer phosphate monoester (10:2 monoPAP)	57678-05-4	0.100
554		10:2 Fluorotelomer diammonium dihydrogen phosphate	93857-45-5	--
555		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12.12,12-Henicosafluorododecyl dihydrogen phosphate cyclohexylamine	2514858-66-1	--
556	--	N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	0.010
557	TFMS, its salts	Trifluoromethane sulfonic acid (TFMS)	1493-13-6	0.010
558		Trifluoromethane sulfonic acid Sodium salt (TFMS-Na)	2926-30-9	--
559		Silver trifluoromethanesulfonate (TFMS-Ag)	2923-28-6	--
560		Zinc trifluoromethanesulfonate (TFMS-Zn)	54010-75-2	--
561		Scandium trifluoromethanesulfonate (TFMS-Sc)	144026-79-9	--
562		Trifluoromethanesulfonic anhydride	358-23-6	--
563		Lithium trifluoromethanesulfonate (TFMS-Li)	33454-82-9	--
564		Copper(II) trifluoromethanesulfonate (TFMS-Cu)	34946-82-2	--
565		Barium trifluoromethanesulfonate (TFMS-Ba)	2794-60-7	--
566		Cerium(IV) trifluoromethanesulfonate (TFMS-Ce)	107792-63-2	--
567		Magnesium trifluoromethanesulfonate (TFMS-Mg)	60871-83-2	--
568		Potassium trifluoromethanesulfonate (TFMS-K)	2926-27-4	--
569		Nickel(II) Trifluoromethanesulfonate (TFMS-Ni)	60871-84-3	--
570		Tin(II) trifluoromethanesulfonate (TFMS-Sn)	62086-04-8	--
571		Yttrium(III) trifluoromethanesulfonate (TFMS-Y)	52093-30-8	--
572		Iron(III) trifluoromethanesulfonate (TFMS-Fe)	63295-48-7	--

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No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
573		Cerium(III) Trifluoromethanesulfonate (TFMS-Ce)	76089-77-5	--
574		Tetrabutylammonium trifluoromethanesulfonate	35895-70-6	--
575		Methyltrioctylammonium trifluoromethanesulfonate	121107-18-4	--
576		Imidazole trifluoromethanesulfonate	29727-06-8	--
577		Trifluoroacetyl Trifluoromethanesulfonate	68602-57-3	--
578		Lanthanum(III) trifluoromethanesulfonate(TFMS-La)	52093-26-2	--
579		Indium(III) trifluoromethanesulfonate(TFMS-In)	128008-30-0	--
580		Samarium(III) trifluoromethanesulfonate(TFMS-Sm)	52093-28-4	--
581		Ytterbium(III) trifluoromethanesulfonate(TFMS-Yb)	54761-04-5	--
582		Thulium(III) trifluoromethanesulfonate(TFMS-Tm)	141478-68-4	--
583		Tetraethylammonium trifluoromethanesulfonate	35895-69-3	--
584		1-Fluoro-3,5-dichloropyridinium triflate	107264-06-2	--
585		Triethylamine salt of trifluoromethanesulfonic acid	646-58-2	--
586		Triphenylphosphonium anhydride triflate	72450-51-2	--
587		N,N-Diethyl-6-(diethylamino)-9-(2-(methoxycarbonyl)phenyl)-3H-xanthene-3-ylideneammonium trifluoromethanesulfonate	120611-30-5	--
588		Diphenylammonium Trifluoromethanesulfonate	164411-06-7	--
589		1-(3-aminoazetidin-1-yl)prop-2-en-1-one, trifluoromethanesulfonic acid	2060047-56-3	--
590		Guanidine trifluoromethanesulfonic acid	153756-25-3	--
591		Trifluoromethanesulfonic acid--1-ethyl-1H-imidazole (1/1)	501693-46-5	--
592		Ruthenium(3+), (OC-6-22)-, salt with trifluoromethanesulfonic acid (1:3)	74468-24-9	--
593		O-Pivaloylhydroxylamine trifluoromethanesulfonate	1293990-73-4	--
594		Trifluoromethanesulfonyl chloride	421-83-0	--
595		(2-Pyridylmethyl)sulfonyl chloride triflate	882564-09-2	--
596		Trifluoromethanesulfonyl bromide	15458-53-4	--
597		Mercury(II) trifluoromethanesulfonate(TFMS-Hg)	49540-00-3	--
598		Dysprosium(III) tris(trifluoromethanesulfonate)(TFMS-Dy)	139177-62-1	--
599		Manganese bis(trifluoromethanesulfonate)(TFMS-Mn)	55120-76-8	--
600		Pentaammine(trifluoromethanesulfonato)osmium(III) triflate	83781-30-0	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
601		Lutetium(III) trifluoromethanesulfonate(TFMS-Lu)	126857-69-0	--
602		Terbium(III) trifluoromethanesulfonate(TFMS-Tb)	148980-31-8	--
603		Neodymium(III) trifluoromethanesulfonate(TFMS-Nd)	34622-08-7	--
604		Ammonium trifluoromethanesulfonate(TFMS-NH_4)	38542-94-8	--
605		Holmium(III) trifluoromethanesulfonate(TFMS-Ho)	139177-63-2	--
606		Trifluoromethanesulfonate	37181-39-8	--
607		Praseodymium(III) trifluoromethanesulfonate(TFMS-Pr)	52093-27-3	--
608		Bismuth(III) trifluoromethanesulfonate(TFMS-Bi)	88189-03-1	--
609		Europium(III) trifluoromethanesulfonate(TFMS-Eu)	52093-25-1	--
610		Erbium(III) trifluoromethanesulfonate(TFMS-Er)	139177-64-3	--
611		Gallium(III) trifluoromethanesulfonate(TFMS-Ga)	74974-60-0	--
612		N,N,N-Triethyl-2,2,2-trifluoroethan-1-aminium trifluoromethanesulfonate	380230-73-9	--
613		Methanesulfonic acid, trifluoro-, calcium salt(TFMS-Ca)	55120-75-7	--
614		Thallium(1+) trifluoromethanesulfonate(TFMS-Tl)	73491-36-8	--
615		Hafnium(IV) Trifluoromethanesulfonate(TFMS-Hf)	161337-67-3	--
616		1-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Pentadecafluorooctyl)pyridinium trifluoromethanesulfonate	25061-59-0	--
617		Tetrapropylammonium trifluoromethanesulphonate (TFMS- $N(C_3H_7)_4$)	35925-48-5	--
618		(Heptafluoropropyl)(phenyl)iodanium trifluoromethanesulfonate	77758-79-3	--
619		Phenyl(tridecafluorohexyl)iodanium trifluoromethanesulfonate	77758-84-0	--
620		(Heptadecafluorooctyl)(phenyl)iodanium trifluoromethanesulfonate	77758-89-5	--
621		(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)(phenyl)iodanium trifluoromethanesulfonate	82959-18-0	--
622		Triethylmethylammonium triflate	90756-35-7	--
623		Pentafluoroanilinium trifluoromethanesulfonate	912823-79-1	--
624		Tributylmethylammonium trifluoromethanesulfonate	944557-37-3	--
625	PFPrS, its salts	Perfluoropropanesulfonic acid (PFPrS)	423-41-6	0.010
626		Perfluoropropanesulfonic acid sodium salt (PFPrS-Na)	359868-82-9	--
627	--	1-perfluoroheptyl ethanol (7:2 secondary) (7:2sFTOH)	24015-83-6	0.200

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
628	--	4:2 Fluorotelomer iodide (4:2 FTI)	2043-55-2	0.200
629	PFHpSi, its salts	Perfluoroheptane-1-sulfinic acid (PFHpSi)	769067-51-8	0.010
630		1-heptanesulfinic Acid Sodium Salt (PFHpSi-Na)	68555-66-8	--
631	PFOPA, its salts	Perfluorooctyl phosphoric acid (PFOPA)	40143-78-0	0.010
632		(Heptadecafluorooctyl)phosphonic acid-4-methylaniline (1/1)	1263361-03-0	--
633	--	1H,1H-Perfluorooctylamine (7:1 $FTNH_2$)	307-29-9	0.200
634	--	Perfluoroheptanamide (PFHpA-NH_2)	2358-22-7	0.100
635	--	Perfluorobutyramide (PFBA-NH_2)	662-50-0	0.200
636	--	1H,1H,2H,2H-Nonafluorohexyl acrylate (4:2 FTA)	52591-27-2	0.200
637	--	N-methylperfluoro-1-butanesulfonamide (MeFBSA)	68298-12-4	0.010
638	--	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
639	TFA, its salts	Trifluoroacetic acid (TFA)	76-05-1	1.000
640		Sodium trifluoroacetate (TFA-Na)	2923-18-4	--
641		Thallium(III) trifluoroacetate (TFA-Tl)	23586-53-0	--
642		Lithium Trifluoroacetate (TFA-Li)	2923-17-3	--
643		Silver trifluoroacetate (TFA-Ag)	2966-50-9	--
644		Cesium Trifluoroacetate (TFA-Cs)	21907-50-6	--
645		Potassium trifluoroacetate (TFA-K)	2923-16-2	--
646		Ammoniumtrifluoroacetate (TFA-NH_4)	3336-58-1	--
647		Mercury(II) trifluoroacetate (TFA-Hg)	13257-51-7	--
648		Palladium(II) trifluoroacetate (TFA-Pd)	42196-31-6	--
649		Trifluoroacetate / Trifluoroacetic acid anion(TFA anion)	14477-72-6	--
650		Dimethyl[(trifluoroacetyl)oxy]sulfanium trifluoroacetate	57738-66-6	--
651		Aluminium tris(trifluoroacetate)(TFA-Al)	36554-89-9	--
652		Barium bis(trifluoroacetate)(TFA-Ba)	60884-92-6	--
653		Erbium tris(trifluoroacetate)(TFA-Er)	70236-99-6	--
654		Indium trifluoroacetate(TFA-In)	36554-90-2	--
655		Lanthanum tris(trifluoroacetate)(TFA-La)	70236-92-9	--
656		Nickel(2+) trifluoroacetate(TFA-Ni)	16083-14-0	--
657		Lead(II) trifluoroacetate(TFA-Pb)	4146-73-0	--
658		Acetic acid, trifluoro-, rhodium(2+) salt(TFA-Rh)	72654-51-4	--
659		Thulium tris(trifluoroacetate)(TFA-Tm)	70237-00-2	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
660		Ytterbium(3+) tris(trifluoroacetate)(TFA-Yb)	87863-62-5	--
661		Zinc bis(trifluoroacetate)(TFA-Zn)	21907-47-1	--
662		Ruthenium(II) 2,2,2-trifluoroacetate(TFA-Ru)	61612-84-8	--
663		Magnesium 2,2,2-trifluoroacetate(TFA-Mg)	123333-72-2	--
664		Copper(2+) trifluoroacetate(TFA-Cu)	123333-88-0	--
665		Methyltrioctylammonium trifluoroacetate	121107-16-2	--
666		Chromium(3+) tris(trifluoroacetate)(TFA-Cr)	16712-29-1	--
667		Tetraethylammonium trifluoroacetate(TFA-$N(C_2H_5)_4$)	30093-29-9	--
668		Tetrabutylammonium trifluoroacetate(TFA-$N(C_4H_9)_4$)	39481-22-6	--
669		Europium(3+) trifluoroacetate-water (1/3/3)(TFA-$Eu.H_2O$)	94079-71-7	--
670	BETI, its salts	Bis(pentafluoroethylsulfonyl)imide	152894-10-5	0.020
671		Lithium Bis(pentafluoroethanesulfonyl)imide	132843-44-8	--
672		Bis(perfluoroethylsulfonyl)imide anion	129318-46-3	--
673		Sodium bis((perfluoroethyl)sulfonyl)amide	152894-04-7	--
674		Potassium bis((perfluoroethyl)sulfonyl)amide	221203-22-1	--
675		1-Ethyl-3-methylimidazolium bis(perfluoroethylsulfonyl)imide	216299-76-2	--
676	--	Perfluoro-2-ethoxypropanoic acid(PEPA)	267239-61-2	0.010
677	PFDPA, its salts	Perfluorodecylphosphonic acid (PFDPA)	52299-26-0	0.010
678		Perfluorodecylphosphonic Acid 4-Methylbenzamine	--	--
679		Perfluorodecylphosphonic Acid Di-4-toluidine Salt	--	--
680	PFHxPA, its salts	Perfluorohexyl phosphonic acid	40143-76-8	0.010
681		Perfluorohexylphosphonic Acid 4-Methylbenzamine	1263361-02-9	--
682	--	((Perfluorooctyl)ethyl)phosphonic acid	80220-63-9	0.020
683	--	3-(Perfluorobutyl)propanoic acid	80705-13-1	0.010
684	--	Perfluoro-3,6,9-trioxaundecane-1,11-dioic acid	55621-18-6	0.020
685	--	Perfluorononanedioic acid	23453-64-7	0.020
686	--	Perfluorooctanedioic acid	678-45-5	0.020
687	--	Perfluamine	338-83-0	10.000
688	HFAC, its salts	Hexafluoroacetylacetone (HFAC)	1522-22-1	0.010
689		Strontium hexafluoroacetylacetonate (HFAC-Sr)	121012-89-3	--
690		Calcium hexafluoroacetylacetonate (HFAC-Ca)	121012-90-6	--
691		Bismuth(III) hexafluoroacetylacetonate (HFAC-Bi)	141364-06-9	--

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
692		Nickel(2+) bis(1,1,1,5,5,5-hexafluoro-2,4-dioxopentan-3-ide) (HFAC-Ni)	14949-69-0	--
693		Copper(II) hexafluoroacetylacetonate hydrate (HFAC- $Cu{\cdot}H_2O$)	155640-85-0	--
694		Thorium hexafluoroacetylacetonate (HFAC-Th)	18865-75-3	--
695		Yttrium hexafluoroacetylacetonate (HFAC-Y)	18911-76-7	--
696		Erbium(III) hexafluoroacetylacetonate hydrate (HFAC- $Er{\cdot}H_2O$)	18923-92-7	--
697		Scandium(III) hexafluoroacetylacetonate (HFAC-Sc)	18990-42-6	--
698		Cobalt(2+) bis[(2Z)-1,1,1,5,5,5-hexafluoro-4-oxo-2-penten- 2-olate] (HFAC-Co)	19648-83-0	--
699		Magnesium bis(1,1,1,5,5,5-hexafluoro-4-oxo-2-penten-2- olate) (HFAC-Mg)	19648-85-2	--
700		Manganese(2+) bis[(2Z)-1,1,1,5,5,5-hexafluoro-4-oxo-2- penten-2-olate] (HFAC-Mn)	19648-86-3	--
701		Sodium hexafluoroacetylacetonate (HFAC-Na)	22466-49-5	--
702		Caesium (2Z)-1,1,1,5,5,5-hexafluoro-4-oxo-2-penten-2- olate (HFAC-Cs)	22518-56-5	--
703		Barium hexafluoroacetylacetonate (HFAC-Ba)	314071-48-2	--
704		Indium hexafluoropentanedionate (HFAC-In)	34110-72-0	--
705		Tin(II) hexafluoroacetylacetonate (HFAC-Sn)	51319-99-4	--
706		Palladium(II) hexafluoroacetylacetonate (HFAC-Pd)	64916-48-9	--
707	--	Perfluoro-N-methylmorpholine	382-28-5	10.000
708	--	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (BPAF)	--	10.000
709	PFTriODA, its salts	Perfluoro-(2,5,8-trimethyl-3,6,9-trioxadodecanoic) acid (PFTriODA)	65294-16-8	0.010
710		Perfluoro-(2,5,8-trimethyl-3,6,9-trioxadodecanoic) acid potassium salt	67963-77-3	--
711		Propanoic acid, 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propoxy]propoxy]-, ammonium salt (1:1)	--	--
712	PFDeDA, its salts	Perfluorodecanedioic acid (PFDeDA)	307-78-8	0.010
713		Disodium;2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorodecanedioate	--	--
714		Dilithium;2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorodecanedioate	--	--
715		9H-Perfluorononanoic acid (9H-PFNA)	76-21-1	0.100

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(PFAS)

No.	Group Name	Substance Name	CAS No.	MDL (mg/kg)
716	9H-PFNA, its salts	Sodium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--	--
717		Sodium 9-chloro-2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--	--
718		potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--	--
719		Potassium 9-chloroperfluorononanoate	1415963-94-8	--
720		Ammonium hexadecafluorononanoate	1868-86-6	--
721		Lithium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--	--
722		Lithium 9-chloro-2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--	--
723	HFPDSI, its salts	1,1,2,2,3,3-Hexafluoropropane-1,3-disulfonimide (HFPDSI)	84246-29-7	0.010
724		Potassium 1,1,2,2,3,3-Hexafluoropropane-1,3-disulfonimide (HFPDSI-K)	588668-97-7	--
725		Lithium 1,1,2,2,3,3-Hexafluoropropane-1,3-disulfonimide (HFPDSI-Li)	189217-62-7	--

(2) For textile, 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
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

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(PFAS)

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 cannot be analysed by extraction with methanol/NaOH solution, only extractable content can be detected and 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.

(4) Results of PFPeDA, PFHpDA, PFNDA, C_{20} PFCA, C_{21} PFCA were semi-quantified using a perfluoroalkanoic acid whose carbon-chain length is close to that of the analyte.

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(PFAS)

(1) PFAS 及其盐类和衍生物清单

No.	组名	物质名称	CAS No.	MDL (mg/kg)
1	PFOS, 及其盐&衍生物	全氟辛烷磺酸(PFOS)	1763-23-1	0.010
2		全氟辛基磺酸钾(PFOS-K)	2795-39-3	--
3		全氟辛基磺酸锂(PFOS-Li)	29457-72-5	--
4		全氟辛基磺酸钠(PFOS-Na)	4021-47-0	--
5		全氟辛基磺酸铵(PFOS-NH_4)	29081-56-9	--
6		全氟辛基磺酸二乙醇铵(PFOS-$NH_2(C_2H_4OH)_2$)	70225-14-8	--
7		全氟辛基磺酸四乙基铵(PFOS-$N(C_2H_5)_4$)	56773-42-3	--
8		全氟辛基磺酸二癸二甲基铵(PFOS-$N(C_{10}H_{21})_2(CH_3)_2$)	251099-16-8	--
9		全氟辛基磺酸四丁基铵(PFOS-$N(C_4H_9)_4$)	111873-33-7	--
10		全氟辛基磺酰氟(PFOS-F)	307-35-7	--
11		双[十七氟辛烷磺酸]镁(PFOS-Mg)	91036-71-4	--
12		全氟辛烷磺酸哌啶	71463-74-6	--
13		全氟辛烷磺酸盐	45298-90-6	--
14		全氟辛烷磺酸三乙基铵(PFOS-$NH(C_2H_5)_3$)	54439-46-2	--
15		全氟辛烷磺酸四甲基铵(PFOS-$N(CH_3)_4$)	56773-44-5	--
16		N, N,N-三丙基戊烷-1-七氟辛烷-1-磺酸铵(PFOS-$N(C_3H_7)_3(C_5H_{11})$)	56773-56-9	--
17		N,N-二丁基-N-甲基丁烷-1-胺十七氟辛烷-1-磺酸酯(PFOS-$N(C_4H_9)_3(CH_3)$)	124472-68-0	--
18		双[4-(1,1-二甲基乙基)苯基]-碘鎓与全氟-1-辛烷磺酸的盐(1:1)	213740-80-8	--
19		全氟-1-辛烷磺酸二苯基(2,4,6-三甲基苯基)锍	258341-99-0	--
20		全氟-1-辛烷磺酸 1-十六烷基吡啶鎓	334529-63-4	--
21		N,N,N-三乙基癸-1-胺十七氟辛烷-1-磺酸盐	773895-92-4	--
22		全氟辛烷磺酸四丁基鏻 (PFOS-P ($C_4H_9)_4$))	2185049-59-4	--
23		全氟辛基磺酸二乙胺 (PFOS-$C_4H_{11}N$)	2205029-08-7	--
24		全氟辛基磺酸庚基二甲基-[2-(2-甲基丙-2-烯酰氧基)乙基]胺(PFOS-$C_{15}H_{30}NO_2$)	1203998-97-3	--
25		全氟辛基磺酸酐(PFOSAN)	423-92-7	--
26		全氟辛基磺酰氯(PFOS-Cl)	423-60-9	--
27	FOSAA, 及其盐	N-(全氟-1-辛烷磺酰基)甘氨酸(FOSAA)	2806-24-8	0.010
28		全氟辛烷磺酰氨基乙酸盐 (FOSAA(anion))	909405-47-6	--
29		全氟辛烷磺酰氨基乙酸钾 (FOSAA-K)	75260-69-4	--
30		全氟辛烷磺酰氨基乙酸钠 (FOSAA-Na)	115716-87-5	--
31		N-甲基-N-(全氟-1-辛烷磺酰基)甘氨酸 (N-MeFOSAA)	2355-31-9	0.010

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
32	N-MeFOSAA, 及其盐	N-(十七氟辛基磺酰基)-N-甲基甘氨酸盐 (N-Me-FOSAA(anion))	909405-48-7	--
33		N-(十七氟辛基磺酰基)-N-甲基甘氨酸钾 (N-Me-FOSAA-K)	70281-93-5	--
34		六氯环己烷(N-甲基-(N-(全氟辛基磺酰)甘氨酸根-O1:O1'))二羟基三铬	97298-47-0	--
35	N-EtFOSAA，及其盐	N-乙基-N-(全氟-1-辛烷磺酰基)甘氨酸(N-EtFOSAA)	2991-50-6	0.010
36		N-乙基-N-[(十七烷氟辛基)磺酰基]-甘氨酸钾盐 (N-Et-FOSAA-K)	2991-51-7	--
37		N-乙基-N-((十七氟辛基)磺酰基)甘氨酸盐 (N-Et-FOSAA(anion))	909405-49-8	--
38		N-乙基-N-((十七氟辛基)磺酰基)甘氨酸铵 (N-Et-FOSAA-NH_4)	2991-52-8	--
39		N-乙基-N-((十七氟辛基)磺酰基)甘氨酸钠 (N-Et-FOSAA-Na)	3871-50-9	--
40		二水四氯[μ-[N-乙基-N-[(全氟辛基)磺酰]甘氨酸根-O1:O1']]-μ-羟基双[2-甲基丙醇]二铬	68891-96-3	--
41	--	N-乙基全氟辛烷磺酰胺(N-EtFOSA)	4151-50-2	0.010
42	--	N-甲基全氟辛烷磺酰胺(N-MeFOSA)	31506-32-8	0.010
43	--	2-(N-乙基全氟辛基磺酰胺)乙醇(N-EtFOSE)	1691-99-2	0.010
44	--	2-(N-甲基全氟辛基磺酰胺)乙醇(N-MeFOSE)	24448-09-7	0.010
45	PFOSA, 及其盐	全氟辛基磺酰胺(PFOSA)	754-91-6	0.010
46		全氟辛基磺酰胺锂盐(1:1)(PFOSA-Li)	76752-79-9	--
47		全氟辛基磺酰胺钠盐 (1:1) (PFOSA-Na)	76752-78-8	--
48		全氟辛基磺酰胺钾盐 (1:1) (PFOSA-K)	76752-70-0	--
49		全氟辛基磺酰胺铵盐 (1:1) (PFOSA-NH_4)	76752-72-2	--
50		全氟辛基磺酰胺三乙胺 (PFOSA-$C_6H_{15}N$)	76752-82-4	--
51	PFOA, 及其盐&衍生物	全氟辛酸(PFOA)	335-67-1	0.010
52		全氟辛酸钠(PFOA-Na)	335-95-5	--
53		全氟辛酸钾(PFOA-K)	2395-00-8	--
54		全氟辛酸银(PFOA-Ag)	335-93-3	--
55		全氟辛酰氟(PFOA-F)	335-66-0	--
56		全氟辛酸铵(APFO)	3825-26-1	--
57		全氟辛酸锂(PFOA-Li)	17125-58-5	--
58		全氟辛酸钴(PFOA-Co)	35965-01-6	--
59		全氟辛酸铯(PFOA-Cs)	17125-60-9	--
60		全氟辛酸铬(3+) (PFOA-Cr(3+))	68141-02-6	--
61		全氟辛酸-哌嗪(2:1) (PFOA-NH($C_4H_{10}N$))	423-52-9	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
62		全氟辛酸盐	45285-51-6	--
63		全氟辛酸酐	33496-48-9	--
64		全氟辛酸四乙基胺	98241-25-9	--
65		全氟辛酸四甲基胺	32609-65-7	--
66		全氟辛酸四丙基胺	277749-00-5	--
67		全氟辛酸钾水合物 (PFOA-K(H_2O)$_2$)	98065-31-7	--
68		全氟辛酸乙胺 (PFOA-C_2H_7N)	1376936-03-6	--
69		全氟辛酸吡啶 (PFOA-C_5H_5N)	95658-47-2	--
70		全氟辛酸苯基哌嗪 (PFOA-$C_{10}H_{14}N_2$)	1514-68-7	--
71		全氟辛酸辛基三甲基铵 (PFOA-$C_{11}H_{26}N$)	927835-01-6	--
72		全氟辛酰氯 (PFOA-Cl)	335-64-8	--
73		全氟辛酰溴(PFOA-Br)	222037-87-8	--
74	8:2 FTS, 及其盐	1H,1H,2H,2H-全氟癸烷磺酸(8:2 FTS)	39108-34-4	0.010
75		1H,1H,2H,2H-全氟癸磺酸钾(8:2 FTS-K)	438237-73-1	--
76		1H,1H,2H,2H-全氟癸磺酸铵(8:2 FTS-NH_4)	149724-40-3	--
77		1H,1H,2H,2H-全氟癸磺酸钠(8:2 FTS-Na)	27619-96-1	--
78		1H,1H,2H,2H-全氟癸磺酸盐 (8:2 FTS(anion))	481071-78-7	--
79		1H,1H,2H,2H-全氟癸磺酰氯 (8:2 FTS-Cl)	27619-90-5	--
80	--	全氟辛酸甲酯(Me-PFOA)	376-27-2	0.200
81	--	全氟辛酸乙酯(Et-PFOA)	3108-24-5	0.200
82	--	1H,1H,2H,2H-全氟癸基丙烯酸酯(8:2 FTA)	27905-45-9	0.100
83	--	1H,1H,2H,2H-甲基丙烯酸全氟癸酯(8:2 FTMA)	1996-88-9	0.100
84	--	全氟辛基碘烷(PFOI)	507-63-1	0.200
85	8:2 FTCA, 及其盐	2H,2H-全氟癸酸(8:2 FTCA)	27854-31-5	0.010
86		四丁基磷 2H,2H-全氟癸酸酯(8:2 FTCA-P(C_4H_9)$_4$)	882489-14-7	--
87	--	1H,1H,2H,2H-全氟-1-癸醇(8:2 FTOH)	678-39-7	0.100
88	--	1-碘-1H,1H,2H,2H-全氟癸烷(8:2 FTI)	2043-53-0	0.100
89	--	1H,1H,2H,2H-全氟癸基三乙氧基硅烷(8:2 FTSi(OC_2H_5)$_3$)	101947-16-4	0.100
90	8:2diPAP, 及其盐	双[2-(全氟辛基)]乙基磷酸酯(8:2diPAP)	678-41-1	0.010
91		双[2-(全氟辛基)]乙基磷酸酯钠(8:2diPAP-Na)	114519-85-6	--
92		双(2-羟乙基)铵双(全氟辛基)乙基)磷酸氢	57677-97-1	--
93		双[2-(全氟辛基)]乙基磷酸酯铵盐(8:2 diPAP-NH_4)	93776-20-6	--
94		8:2 氟调聚物磷酸二酯离子	1411713-91-1	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
95	8:3 FTCA, 及其盐	2H,2H,3H,3H-全氟十一烷酸(8:3 FTCA)	34598-33-9	0.010
96		2H,2H,3H,3H-全氟十一烷酸钾(8:3 FTCA-K)	83310-58-1	--
97		2H,2H,3H,3H-全氟十一酸锂(8:3 FTCA-Li)	67304-23-8	--
98	--	全氟辛基乙烯(PFDE)	21652-58-4	0.100
99	--	3-全氟庚基丙酸(7:3 FTCA)	812-70-4	0.010
100	--	1H,1H,2H,2H-全氟癸基三氯硅烷	78560-44-8	0.100
101	--	1H,1H,2H,2H-全氟癸基三甲氧基硅烷	83048-65-1	
102	--	2H-全氟-2-癸烯酸(8:2 FTUCA)	70887-84-2	0.010
103	--	6:8 全氟次膦酸(6:8 PFPi)	610800-34-5	0.010
104	8:8 PFPi, 及其盐	8:8 全氟次膦酸 (8:8 PFPi)	40143-79-1	0.010
105		8:8 全氟次膦酸钠盐 (8:8 PFPi-Na)	500776-69-2	--
106		8:8 全氟次膦酸铒(3+)盐 (8:8 PFPi-Er)	500776-70-5	--
107		8:8 全氟次膦酸镱(3+)盐 (8:8 PFPi-Yb)	500776-71-6	--
108	--	1H,1H,2H,2H-全氟十二烷基乙酸酯 (8:2 FTOAc)	37858-04-1	0.100
109	8:2 monoPAP ,及其盐	单[2-(全氟辛基)乙基]磷酸盐 (8:2 monoPAP)	57678-03-2	0.100
110		8:2 氟调聚物磷酸二铵盐	93857-44-4	--
111		8:2 氟调聚物磷酸钠盐	438237-75-3	--
112		双[2-(全氟辛基)乙基]磷酸铵盐	1764-95-0	--
113		单[2-(全氟辛基)乙基]磷酸铵盐	92401-44-0	--
114		单[2-(全氟辛基)乙基]磷酸单钠盐	144965-22-0	--
115		单[2-(全氟辛基)乙基]磷酸单钾盐	150033-28-6	--
116		单[2-(全氟辛基)乙基]磷酸氢铵盐	2353-52-8	--
117	PFNA, 及其盐	全氟壬酸(PFNA)	375-95-1	0.010
118		全氟壬酸钠(PFNA-Na)	21049-39-8	--
119		全氟壬酸铵(PFNA-NH_4)	4149-60-4	--
120		全氟壬酸钾(PFNA-K)	21049-38-7	--
121		全氟壬酸锂(PFNA-Li)	60871-92-3	--
122		全氟壬酸银(PFNA-Ag)	7358-16-9	--
123		全氟壬酸甲烷铵(PFNA-$NH_3(CH_3)$)	77032-23-6	--
124		全氟壬酸-N-乙基乙胺(1:1) (PFNA-$NH_2(C_2H_5)_2$))	77032-27-0	--
125		全氟壬酸-N-甲基甲胺(1:1) (PFNA-$NH_2(CH_3)_2$)	77032-24-7	--
126		全氟壬酸-N，N-二乙基乙酰胺(1:1) (9Cl) (PFNA-$NH(C_2H_5)_3$))	327176-80-7	--
127		全氟壬酸-哌啶(1:1) (9Cl) (PFNA-$NH_2(C_5H_{10})$)	95682-66-9	--
128		全氟壬酸-苯胺(1:1) (PFNA-$NH_3(C_6H_5)$)	95682-67-0	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
129		全氟壬酸-环己胺(1:1) (9Cl) ((PFNA-$NH_3(C_6H_{11})$)	328531-06-2	--
130		全氟壬酸盐	72007-68-2	--
131		全氟壬酸磺胺甲氧基哒嗪(PFNA-$C_{11}H_{12}N_4O_3S$)	298703-33-0	--
132		全氟壬酸酐(PFNAA)	228407-54-3	--
133		全氟壬酰氯(PFNA-Cl)	52447-23-1	--
134		全氟壬酰氟(PFNA-F)	558-95-2	--
135		全氟壬酰溴(PFNA-Br)	261503-42-8	--
136	PFDA, 及其盐	全氟癸酸(PFDA)	335-76-2	0.010
137		全氟癸酸钠(PFDA-Na)	3830-45-3	--
138		全氟癸酸铵(PFDA-NH_4)	3108-42-7	--
139		全氟癸酸钾(PFDA-K)	51604-85-4	--
140		全氟癸酸银(PFDA-Ag)	5784-82-7	--
141		全氟癸酸锂(PFDA-Li)	84743-32-8	--
142		全氟癸酸盐	73829-36-4	--
143		全氟癸酸酐(PFDAA)	942199-24-8	--
144		全氟癸酰氯(PFDA-Cl)	307-38-0	--
145		全氟癸酰氟(PFDA-F)	--	--
146	PFUnDA, 及其盐	全氟十一烷酸(PFUnDA)	2058-94-8	0.010
147		全氟十一烷酸钠(PFUnDA-Na)	60871-96-7	--
148		全氟十一烷酸铵(PFUnDA-NH_4)	4234-23-5	--
149		全氟十一烷酸钾(PFUnDA-K)	30377-53-8	--
150		全氟十一烷酸钙(PFUnDA-Ca)	97163-17-2	--
151		全氟十一烷酸盐	196859-54-8	--
152	PFDoDA, 及其盐	全氟十二烷酸(PFDoDA)	307-55-1	0.010
153		全氟十二烷铵(PFDoDA-NH_4)	3793-74-6	--
154		全氟十二烷酸盐	171978-95-3	--
155		全氟十二烷酸钠(PFDoDA-Na)	307-67-5	--
156	PFTrDA, 及其盐	全氟十三烷酸(PFTrDA)	72629-94-8	0.010
157		全氟十三烷酸铵(PFTrDA-NH_4)	4288-72-6	--
158		全氟十三烷酸钠(PFTrDA-Na)	60872-01-7	--
159		全氟十三烷酸盐	862374-87-6	--
160	PFTDA, 及其盐	全氟十四烷酸(PFTDA)	376-06-7	0.010
161		全氟十四烷酸盐	365971-87-5	--
162	--	全氟-3,7-二甲基辛酸(PF-3,7-DMOA)	172155-07-6	0.010
163		全氟癸烷磺酸(PFDS)	335-77-3	0.010

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
164	PFDS, 及其盐	全氟癸烷磺酸钠(PFDS-Na)	2806-15-7	--
165		全氟癸烷磺酸钾(PFDS-K)	2806-16-8	--
166		全氟癸基磺酸铵(PFDS-NH_4)	67906-42-7	--
167		全氟癸基磺酸盐	126105-34-8	--
168		全氟癸烷磺酸酐(PFDSA)	51667-62-0	--
169		全氟癸烷磺酰氟(PFDS-F)	307-51-7	--
170		全氟癸烷磺酰氯(PFDS-Cl)	32779-61-6	--
171	--	1H,1H,2H,2H-全氟-1-十二烷醇(10:2 FTOH)	865-86-1	0.100
172	--	1H,1H,2H,2H-全氟十二烷基丙烯酸酯(10:2 FTA)	17741-60-5	0.100
173	--	1H,1H,2H,2H-全氟十二烷基甲基丙烯酸酯(10:2 FTMA)	2144-54-9	0.100
174	--	1,1,2,2-四氢全氟-1-十四醇(12:2 FTOH)	39239-77-5	0.100
175	10:2 FTS, 及其盐	1H,1H,2H,2H-全氟十二烷磺酸(10:2 FTS)	120226-60-0	0.100
176		1H,1H,2H,2H-全氟十二烷磺酸钠(10:2 FTS-Na)	108026-35-3	--
177		1H,1H,2H,2H-全氟十二烷磺酰氯(10:2 FTS-Cl)	27619-91-6	--
178	--	全氟癸基乙基碘(10:2 FTI)	2043-54-1	0.100
179	--	1H,1H,2H,2H-全氟十四烷基碘 (12:2 FTI)	30046-31-2	0.100
180	PFNS, 及其盐	全氟壬烷磺酸(PFNS)	68259-12-1	0.010
181		全氟壬烷磺酸钠(PFNS-Na)	98789-57-2	--
182		全氟壬烷磺酸铵(PFNS-NH_4)	17202-41-4	--
183		全氟壬烷磺酸钾(PFNS-K)	29359-39-5	--
184		全氟壬烷磺酸盐	474511-07-4	--
185		全氟壬烷磺酰氟(PFNS-F)	68259-06-3	--
186	PFUnDS, 及其盐	全氟十一烷磺酸(PFUnDS)	749786-16-1	0.010
187		全氟十一烷磺酸盐	441296-91-9	--
188	PFDoDS, 及其盐	全氟十二烷磺酸(PFDoDS)	79780-39-5	0.010
189		全氟十二烷磺酸钠(PFDoDS-Na)	1260224-54-1	--
190		全氟十二烷磺酸钾(PFDoDS-K)	85187-17-3	--
191		全氟十二烷磺酸盐	343629-43-6	--
192	PFTrDS, 及其盐	全氟十三烷磺酸(PFTrDS)	791563-89-8	0.010
193		全氟十三烷磺酸钠(PFTrDS-Na)	174675-49-1	--
194	10:2 diPAP, 及其盐	双[2-(全氟癸基)乙基]磷酸盐(10:2 diPAP)	1895-26-7	0.100
195		2,2'-亚氨基二乙醇双[2-(全氟癸基)乙基]磷酸盐 (10:2 diPAP-$C_4H_{11}O_2$)	57677-98-2	--
196	--	1-碘全氟癸烷(PFDI)	423-62-1	0.100
197	--	全氟碘代十二烷(PFDoDI)	307-60-8	0.100

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
198	--	2H-全氟-2-十二烯酸(10:2 FTUCA)	70887-94-4	0.010
199	--	2-全氟癸基乙酸(10:2 FTCA)	53826-13-4	0.010
200	--	1H,1H,2H,2H-全氟癸基乙酸酯 (10:2 FTOAc)	37858-05-2	0.100
201	PFHxS, 及其盐& 衍生物	全氟己基磺酸(PFHxS)	355-46-4	0.010
202		全氟己基磺酸钠(PFHxS-Na)	82382-12-5	--
203		全氟己基磺酸钾(PFHxS-K)	3871-99-6	--
204		全氟己基磺酸锂(1:1)(PFHxS-Li)	55120-77-9	--
205		全氟己基磺酸铵(PFHxS-NH_4)	68259-08-5	--
206		全氟己基磺酸三苯基(苯基甲基)-磷鎓盐(PFHxS-BTPP)	1000597-52-3	--
207		N,N,N-三丁基丁烷-1-胺全氟己基磺酸盐(PFHxS-N(C_4H_9)$_4$)	108427-54-9	--
208		N, N,N-三乙基乙胺全氟己基磺酸盐(PFHxS-N(C_2H_5)$_4$)	108427-55-0	--
209		全氟己基磺酸与四氢吡咯络合物(PFHxS-NC_4H_9)	1187817-57-7	--
210		全氟-1-己基磺酸-N-[4-[[4-(二乙基氨基)苯基][4-(乙基氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-乙基-乙铵盐(PFHxS-($NC_{10}H_{14}$)$_3C_5H_4$)	1310480-24-0	--
211		全氟-1-己基磺酸-N-[4-[[4-(二甲基氨基)苯基][4-(乙基氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基-甲基铵盐(PFHxS-(NC_8H_{10})$_2C_{13}H_{12}$)	1310480-27-3	--
212		全氟-1-己基磺酸-N-[4-[[4-(二甲基氨基)苯基][4-(苯基氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基-甲基铵盐(PFHxS-(NC_8H_{10})$_2C_{17}H_{12}$)	1310480-28-4	--
213		全氟己基磺酸与 β-环糊精络合物(PFHxS-$C_{42}H_{70}O_{35}$)	1329995-45-0	--
214		全氟己基磺酸与 γ-环糊精络合物(PFHxS-$C_{48}H_{80}O_{40}$)	1329995-69-8	--
215		全氟己基磺酸三苯基硫鎓盐(TPS-PFHxS)	144116-10-9	--
216		全氟己基磺酸喹啉, 1-(羧甲基)-4-[2-[4-[4-(2,2-二苯基噻吩基)苯基]-1,2,3a,4,8b-六氢环戊并[b]吲哚-7-基]乙烯基]盐(PFHxS-$C_{44}H_{37}N_2O_2$)	1462414-59-0	--
217		全氟己基磺酸二苯基碘鎓盐(PFHxS-I(C_6H_5)$_2$)	153443-35-7	--
218		N,N,N-三甲基-全氟己基磺酸甲基铵盐(PFHxS-TMA)	189274-31-5	--
219		全氟己基磺酸与 2-甲基-2-丙胺络合物(1:1)(PFHxS-$NH_2(CH_3)_3$)	202189-84-2	--
220		全氟己基磺酸双[4-(1,1-二甲基乙基)苯基]碘鎓盐(PFHxS-I(C_6H_4)$_2$(C_4H_9)$_2$)	213740-81-9	--
221		全氟己基磺酸镓(9Cl)(PFHxS-Ga)	341035-71-0	--
222		全氟己基磺酸双(4-甲基苯基)苯基硫鎓盐(1:1)(PFHxS-S(C_7H_7)$_2C_6H_5$)	341548-85-4	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
223		全氟己基磺酸钪(PFHxS-Sc)	350836-93-0	--
224		全氟己基磺酸钕(PFHxS-Nd)	41184-65-0	--
225		全氟己基磺酸钇(PFHxS-Y)	41242-12-0	--
226		全氟己基磺酸(硫代二-4,1-亚苯基)双[二苯基]硫鎓盐(PFHxS-$S_3(C_6H_5)_4(C_6H_4)_2$)	421555-73-9	--
227		全氟己基磺酸双[4-(1,1-二甲基丙基)苯基]碘鎓盐(PFHxS-$I(C_6H_4)_2(C_5H_{11})_2$)	421555-74-0	--
228		全氟己基磺酰氟(PFHxS-F)	423-50-7	--
229		全氟己基磺酸三[4-(1,1-二甲基乙基)苯基]硫鎓盐(PFHxS-$S(C_6H_4)_3(C_4H_9)_3$)	425670-70-8	--
230		全氟己基磺酸锌(PFHxS-Zn)	70136-72-0	--
231		全氟己基磺酸与 2,2'-亚氨二乙醇络合物(PFHxS-$NH(C_2H_5O)_2$)	70225-16-0	--
232		全氟己基磺酸与三乙胺络合物(1:1)(PFHxS-$N(C_2H_5)_3$)	72033-41-1	--
233		全氟己基磺酸双[(1,1-二甲基乙基)苯基]碘鎓盐(PFHxS-$I(C_6H_4)_2(C_4H_9)_2$)	866621-50-3	--
234		全氟己基磺酸(4-甲基苯基)二苯硫鎓盐(PFHxS-$S(C_6H_5)_2C_7H_7$)	910606-39-2	--
235		全氟己基磺酸[4-[(2-甲基-1-氧代-2-丙烯酰)氧基]苯基]二苯基硫鎓盐(PFHxS-$S(C_6H_5)_2C_{10}H_9O_2$)	911027-68-4	--
236		全氟己基磺酸铯(1:1)(PFHxS-Cs)	92011-17-1	--
237		二苯并[k,n][1,4,7,13]四氧杂硫环戊二烯,19-[4-(1,1-二甲基乙基)苯基]-6,7,9,10,12,13-六氢-,全氟己基磺酸盐(PFHxS-$SC_{28}H_{31}O_4$)	928049-42-7	--
238		全氟己基磺酰氯(PFHxS-Cl)	55591-23-6	--
239		PFHxS-磺酸酯聚合物	911027-69-5	--
240		全氟己基磺酸盐	108427-53-8	--
241		全氟己基磺酸四丁基鏻 (PFHxS-$P(C_4H_9)_4$))	2310194-12-6	--
242	--	N-甲基全氟-1-己磺酰胺(N-Me-PFHxSA)	68259-15-4	0.010
243	--	全氟己烷磺酰胺(PFHxSA)	41997-13-1	0.010
244	--	N-[3-(二甲基氨基)丙基]十三氟己磺酰胺(N-AP-FHxSA)	50598-28-2	0.010
245	--	2-[甲基[(十三氟己基)磺酰基]氨基]丙烯酸乙酯(N-MeFHSEA)	67584-57-0	0.200
246	--	2-[甲基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯	67584-61-6	0.200
247	--	2-[乙基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯	67906-70-1	0.200
248	--	十三氟-N-(2-羟基乙基)-N-甲基己烷磺酰胺(MeFHxSE)	68555-75-9	0.010
249		N-乙基-N-[(十三氟己基)磺酰基]甘氨酸(EtFHxSAA)	68957-32-4	0.010

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
250	EtFHxSAA，及其盐	N-乙基-N-[(十三氟己基)磺酰基]甘氨酸钾(EtFHxSAA-K)	67584-53-6	--
251		N-乙基-N-((十三氟己基)磺酰基)甘氨酸钠(EtFHxSAA-Na)	68555-70-4	--
252	PFHxA，及其盐&衍生物	全氟己酸(PFHxA)	307-24-4	0.010
253		全氟己酸铵(APFHx)	21615-47-4	--
254		全氟己酸钠(PFHxA-Na)	2923-26-4	--
255		全氟己酸钾(PFHxA-K)	3109-94-2	--
256		全氟己酰氟(PFHxA-F)	355-38-4	--
257		全氟己酸银(PFHxA-Ag)	336-02-7	--
258		全氟己酸锂(PFHxA-Li)	90430-61-8	--
259		全氟己酸酐	308-13-4	--
260		全氟己酸哌嗪(2:1)	423-47-2	--
261		全氟己酸盐	92612-52-7	--
262		全氟己酰氯(PFHxA-Cl)	335-53-5	--
263		全氟己酰溴(PFHxA-Br)	1404193-66-3	--
264		全氟己酸己胺(PFHxA-$C_6H_{15}N$)	565225-91-4	--
265		全氟己酸苯基哌嗪(PFHxA-$C_{10}H_{14}N_2$)	985-60-4	--
266	--	1H,1H,2H,2H-全氟-1-辛醇(6:2 FTOH)	647-42-7	0.100
267	--	1H,1H,2H,2H-全氟-1-己醇(4:2 FTOH)	2043-47-2	0.400
268	--	1H,1H,2H,2H-全氟辛基丙烯酸酯(6:2 FTA)	17527-29-6	0.200
269	6:2 FTS，及其盐	1H,1H,2H,2H-全氟辛磺酸(6:2 FTS)	27619-97-2	0.010
270		1H,1H,2H,2H-全氟辛烷磺酸钠(6:2 FTS-Na)	27619-94-9	--
271		1H,1H,2H,2H-全氟辛烷磺酸钾(6:2 FTS-K)	59587-38-1	--
272		1H,1H,2H,2H-全氟辛烷磺酸铵(6:2 FTS-NH_4)	59587-39-2	--
273		1H,1H,2H,2H-全氟辛磺酸钡(6:2 FTS-Ba)	1807944-82-6	--
274		1H,1H,2H,2H-全氟辛磺酸盐(6:2FTS(anion))	425670-75-3	--
275		1H,1H,2H,2H-全氟辛磺酰氯(6:2 FTS-Cl)	27619-89-2	--
276		1H,1H,2H,2H-全氟辛磺酰氟(6:2 FTS-F)	--	--
277	--	全氟辛基三乙氧基硅烷(6:2 FTSi(OC_2H_5)$_3$)	51851-37-7	0.500
278	--	1H,1H,2H,2H-全氟辛基三氯硅烷	78560-45-9	0.200
279	--	1H,1H,2H,2H-全氟辛基三甲氧基硅烷(6:2 FTSi(OCH_3)$_3$)	85857-16-5	
280	--	1,1,1,2,2,3,4,5,6,6-三氟-6-碘己烷(PFHx-I)	355-43-1	0.200
281	--	1,1,1,2,2,3,4,5,6,6-三氟-8-碘酮	38550-34-4	0.200
282	--	N-[3-(二甲氨基)丙基]-3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛烷磺酰胺 N-氧化物	80475-32-7	0.100
283	--	3,3,4,4,5,5,6,7,8,8-三氟辛酯硫氰酸	26650-09-9	0.200

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
284	6:2 monoPAP，及其盐	6:2 磷酸氟调聚物单酯(6:2 monoPAP)	57678-01-0	0.100
285		6:2 磷酸氟调聚物单酯二铵盐(6:2 monoPAP-NH_4NH_4)	1000852-37-8	--
286	--	2H,2H,3H,3H-全氟壬酸(6:3 FTCA)	27854-30-4	0.100
287	--	3,3,4,4,5,6,7,7,8,8,8-三氟辛烷-1-硫醇(6:2 FTSH)	34451-26-8	0.200
288	--	1H,1H,2H,2H-全氟辛基二甲基氯硅烷(6:2 FTSiMe$_2$Cl)	102488-47-1	0.200
289	--	1H,1H-三氟-1-碘庚烷(6:1 FTI)	212563-43-4	0.200
290	--	4,4,5,5,6,7,8,9,9,9-三氟壬基碘化物(6:3 FTI)	89889-20-3	0.200
291	6:2 FTPA, 及其盐	全氟己基乙基膦酸(6:2 FTPA)	252237-40-4	0.100
292		全氟己基乙基膦酸钠(Cheminox FHP$_2$OH-Na(PFHXPA-Na))	1189052-95-6	--
293	--	十一氟正己烷-1-醇(5:1 FTOH)	423-46-1	0.200
294	--	1H,1H-全氟庚-1-醇(6:1 FTOH)	375-82-6	0.200
295	--	3-全氟己基丙醇(6:3 FTOH)	80806-68-4	0.200
296	--	3,3,4,4,5,6,7,7,7-二十氟庚烷-2-醇 (5:2 sFTOH)	914637-05-1	0.200
297	--	1-(全氟己基)辛烷 (F_6H_8)	133331-77-8	0.200
298	--	1H,1H 三氟庚胺 (6:1 FTNH$_2$)	423-49-4	0.200
299	--	2H-全氟-2-辛烯酸(6:2 FTUCA)	70887-88-6	0.010
300	6:6 PFPi, 及其盐	6:6 全氟次膦酸(6:6 PFPi)	40143-77-9	0.010
301		6:6 全氟次膦酸钠盐(6:6 PFPi-Na)	70609-44-8	--
302		6:6 全氟次膦酸镱(3+)盐(6:6 PFPi-Yb)	500776-72-7	--
303		6:6 全氟次膦酸铒(3+)盐(6:6 PFPi-Er)	500776-73-8	--
304	PFBA, 及其盐	全氟丁酸(PFBA)	375-22-4	0.010
305		七氟丁酸铵(PFBA-NH_4)	10495-86-0	--
306		七氟丁酸钠(PFBA-Na)	2218-54-4	--
307		七氟丁酸钾(PFBA-K)	2966-54-3	--
308		七氟丁酸银(PFBA-Ag)	3794-64-7	--
309		全氟丁酸锂(PFBA-Li)	4146-76-3	--
310		七氟丁酸哌嗪(1:1)	375-04-2	--
311		全氟丁酸盐	45048-62-2	--
312		全氟丁酸 4-氯重氮苯六氟磷酸盐(PFBA-$C_6H_4ClF_6N_2P$)	--	--
313		全氟正丁酸苯基哌嗪(1:1) (PFBA-$C_{10}H_{14}N_2$)	2263-11-8	--
314		全氟正丁酸酐(PFBAA)	336-59-4	--
315		全氟正丁酸钙(PFBA-Ca)	2366-98-5	--
316		全氟正丁酸铑 Rhodium(II) (PFBA-Rh)	73755-28-9	--
317		全氟丁酰氯(PFBA-Cl)	375-16-6	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
318		全氟丁酰氟(PFBA-F)	335-42-2	--
319		全氟丁酰溴(PFBA-Br)	375-13-3	--
320		4-氯苯二氮铵全氟丁酸酯全氟丁酸(1:1:1)	--	--
321		N5-(5-羟基-4,6-二甲基嘧啶-2-基)-L-鸟氨酸-七氟丁酸(1/2)	936233-19-1	--
322	PFBS, 及其盐&衍生物	全氟丁磺酸(PFBS)	375-73-5	0.010
323		全氟丁基磺酸钾(PFBS-K)	29420-49-3	--
324		全氟丁基磺酸水合物(PFBS-H_2O)	59933-66-3	--
325		九氟-1-丁烷磺酸锂(PFBS-Li)	131651-65-5	--
326		全氟丁基磺酸三苯基锍盐(TPS-PFBS)	144317-44-2	--
327		全氟丁基磺酸二甲基(苯基)锍(PFBS-S(CH_3)$_2$(C_6H_5))	220133-51-7	--
328		全氟丁基磺酸四丁基鏻(PFBS-P(C_4H_9)$_4$)	220689-12-3	--
329		N,N,N-三乙基乙醇胺全氟丁基磺酸(PFBS-N(C_2H_5)$_4$)	25628-08-4	--
330		全氟丁基磺酰氟(PFBS-F)	375-72-4	--
331		全氟丁磺酸吗啉(PFBS-NC_4H_9O)	503155-89-3	--
332		全氟丁基磺酸镁(PFBS-Mg)	507453-86-3	--
333		全氟丁基磺酸铵(PFBS-NH_4)	68259-10-9	--
334		1-(4-丁氧基-1-萘基)四氢噻吩全氟丁基磺酸盐(PFBS-$SC_{18}H_{23}O$)	209482-18-8	--
335		全氟丁基磺酰氯(PFBS-Cl)	2991-84-6	--
336		全氟丁基磺酸钠(PFBS-Na)	60453-92-1	--
337		全氟-1-丁磺酸双(4-叔丁基苯基)碘鎓(PFBS-I(C_6H_4)$_2$(C_4H_9)$_2$)	194999-85-4	--
338		1,1,2,2,3,4,4,4-一氟丁烷-1-磺酸与 2,2'-亚氨基二乙醇的化合物(1:1)(PFBS-NH(C_2H_5O)$_2$)	70225-18-2	--
339		全氟丁基磺酸四丁基铵((PFBS-N(C_4H_9)$_4$))	108427-52-7	--
340		全氟丁基磺酸二苯碘((PFBS-I(C_6H_5)$_2$))	194999-82-1	--
341		全氟丁基磺酸三(4-叔丁基苯基)锍	241806-75-7	--
342		全氟丁基磺酸(4-环己基苯基)(二苯基)锍	425670-64-0	--
343		全氟丁基磺酸 1-(1-甲基-1H-吲哚-3-基)硫醇-1-鎓	867373-18-0	--
344		全氟丁基磺酸 1-乙基-3-甲基吡啶鎓	1015420-87-7	--
345		全氟丁基磺酸 1-甲基-3-辛基咪唑鎓	905972-83-0	--
346		全氟丁基磺酸 1-己基-3-甲基咪唑鎓	1001557-05-6	--
347		全氟丁基磺酸 N,N-二甲基-N-(丙-2-基)丙-2-胺	374571-81-0	--
348		全氟丁基磺酸[4-(2-叔丁氧基-2-氧代乙氧基)苯基](二苯基)(1:1)	857285-80-4	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
349		全氟丁基磺酸 N,N-二丁基-N-甲基丁烷-1-胺(1:1)	124472-66-8	--
350		全氟丁基磺酸锌(2:1)(PFBS-Zn)	502457-69-4	--
351		全氟丁基磺酸 N,N,N-三丙基戊烷(1:1)	56773-55-8	--
352		全氟丁基磺酸四甲基铵盐 (PFBS-N(CH_3)$_4$)	25628-17-5	--
353		全氟丁烷磺酸酐	36913-91-4	
354		全氟丁基磺酸盐	45187-15-3	--
355		1-(4-丁氧基-1-萘基)九氟丁烷-1-磺酸四氢噻吩	EC: 468-770-4	--
356		全氟丁基磺酸三乙基铵	182059-38-7	--
357		N-(2-羟乙基)-N,N-二甲基-1-辛铵全氟-1-丁磺酸盐(1:1)	334529-55-4	--
358		全氟丁基磺酸 1-十六烷基吡啶鎓	334529-62-3	--
359		全氟丁基磺酸 1-丁基吡啶鎓	334529-64-5	--
360		N-甲基-N,N-二辛基-1-辛铵全氟-1-丁磺酸盐	495417-51-1	--
361		三(4-甲基苯基)磺与全氟-1-丁磺酸的盐(1:1)	722538-68-3	--
362		N-乙基-N-甲基-N-丙基铵全氟丁磺酸酯	1186599-90-5	--
363		[4-(2-甲基丙基)苯基]-二苯基磺铵;1,1,2,2,3,3,4,4,4-壬氟丁烷-1-磺酸盐	1375211-36-1	--
364		二苯基 4-叔丁基苯基磺铵壬氟丁磺酸盐	258872-05-8	--
365		二苯基(4-甲基苯基)九氟丁磺酸盐	284474-28-8	--
366		三甲基硅基全氟丁基磺酸酯	68734-62-3	--
367	PFPeA, 及其盐	全氟戊酸(PFPeA)	2706-90-3	0.010
368		全氟戊酸钠(PFPeA-Na)	2706-89-0	--
369		全氟戊酸钾(PFPeA-K)	336-23-2	--
370		全氟戊酸锂(PFPeA-Li)	198482-22-3	--
371		全氟戊酸银(PFPeA-Ag)	2795-30-4	--
372		全氟戊酸铵(PFPeA-NH_4)	68259-11-0	--
373		全氟戊酸盐	45167-47-3	--
374		全氟戊酸苄基硫脲 (PFPeA-$C_8H_{10}N_2S$)	64808-55-5	--
375		全氟戊酸酐 (PFPeAA)	308-28-1	--
376		全氟戊酰氯(PFPeA-Cl)	375-60-0	--
377		全氟戊酰氟(PFPeA-F)	375-62-2	--
378		全氟戊酰溴(PFPeA-Br)	159623-35-5	--
379	HPFHpA, 及其盐	7H-十二氟庚酸(HPFHpA)	1546-95-8	0.010
380		7H-十二氟庚酸钠(HPFHpA-Na)	2264-25-7	--
381		7H-十二氟庚酸铵(HPFHpA-NH_4)	376-34-1	--
382		7H-十二氟庚酸盐 (HPFHpA(anion))	69681-35-2	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
383		7H-十二氟庚酸钾(HPFHpA-K)	--	--
384		7H-十二氟庚酸锂(HPFHpA-Li)	--	--
385		7H-十二氟庚酰氯(HPFHpA-Cl)	41405-35-0	--
386		7H-十二氟庚酰氟 (HPFHpA-F)	5927-65-1	--
387		7H-十二氟庚酰溴 (HPFHpA-Br)	141893-84-7	--
388	PFHpS, 及其盐	全氟庚烷磺酸(PFHpS)	375-92-8	0.010
389		全氟庚基磺酸钠(PFHpS-Na)	21934-50-9	--
390		全氟庚基磺酸钾(PFHpS-K)	60270-55-5	--
391		全氟庚磺酸酸铵(PFHpS-NH_4)	68259-07-4	--
392		全氟庚烷磺酸锂(PFHpS-Li)	117806-54-9	--
393		全氟庚烷磺酸-双(2-羟乙基)铵(1:1)	70225-15-9	--
394		全氟庚烷磺酸盐	146689-46-5	--
395		全氟庚烷磺酸三乙基铵	72033-40-0	--
396		全氟庚烷磺酸四乙基铵	439863-97-5	--
397		全氟庚烷磺酸酐(PFHpSA)	140429-92-1	--
398		全氟庚烷磺酰氟(PFHpS-F)	335-71-7	--
399		全氟庚烷磺酰氯(PFHpS-Cl)	33018-82-5	--
400	PFHpA, 及其盐	全氟庚酸(PFHpA)	375-85-9	0.010
401		全氟庚酸钠(PFHpA-Na)	20109-59-5	--
402		全氟庚酸钾(PFHpA-K)	21049-36-5	--
403		全氟庚酸铵(PFHpA-NH_4)	6130-43-4	--
404		全氟庚酸铯(PFHpA-Cs)	171198-24-6	--
405		全氟庚酸银(PFHpA-Ag)	424-05-5	--
406		全氟庚酸锂(PFHpA-Li)	60871-90-1	--
407		全氟庚酸盐	120885-29-2	--
408		全氟正庚酸酐(PFHpAA)	78225-99-7	--
409		全氟庚酰氯(PFHpA-Cl)	52447-22-0	--
410		全氟庚酰氟(PFHpA-F)	375-84-8	--
411	HFPO-DA, 及其盐&衍生物	2,3,3,3-四氟-2-(七氟丙氧基)丙酸(HFPO-DA)	13252-13-6	0.010
412		2,3,3,3-四氟-2-(七氟丙氧基)丙酸铵(HFPO-DA-NH_4)	62037-80-3	--
413		2,3,3,3-四氟-2-(七氟丙氧基)丙酸钾(HFPO-DA-K)	67118-55-2	--
414		2,3,3,3-四氟-2-(七氟丙氧基)丙酸酰基氟化物(HFPO-DA-F)	2062-98-8	--
415		2,3,3,3-四氟-2-(七氟丙氧基)-, (+)-丙酸	75579-39-4	--
416		2,3,3,3-四氟-2-(七氟丙氧基)-,(-)-丙酸	75579-40-7	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
417		2,3,3,3-四氟-2-(七氟丙氧基)丙酸钠	67963-75-1	--
418		全氟(2-丙氧基丙酸酯)	122499-17-6	--
419		2,3,3,3-四氟-2-(七氟丙氧基)丙酸-N-丙基丙烷-1-胺(1/1)	165951-17-7	--
420		全氟-2-丙氧基丙酸三乙胺	165951-18-8	--
421		4-[(6-甲氧基-3-哒嗪基)氨磺酰基]2,3,3,3-四氟-2-(七氟丙氧基)丙酸苯胺	298703-31-8	--
422		2,3,3,3-四氟-7-(七氟丙氧基)丙酸(1-甲基哌啶-3-基)2,3,6-三碘苯甲酸甲酯 (HFPO-$C_{14}H_{16}I_3NO_2$)	2412106-69-3	--
423	4:2 FTS, 及其盐	1H,1H,2H,2H-全氟己烷磺酸(4:2 FTS)	757124-72-4	0.010
424		1H,1H,2H,2H-全氟己烷磺酸钠	27619-93-8	--
425		1H,1H,2H,2H-全氟己烷磺酸盐(4:2 FTS(anion))	414911-30-1	--
426	PFPeS, 及其盐	全氟戊磺酸(PFPeS)	2706-91-4	0.010
427		全氟戊磺酸钠(PFPeS-Na)	630402-22-1	--
428		全氟戊磺酸钾(PFPeS-K)	3872-25-1	--
429		全氟戊磺酸铵(PFPeS-NH_4)	68259-09-6	--
430		全氟戊磺酸-双(2-羟乙基)铵	70225-17-1	--
431		全氟戊磺酸锂(PFPeS-Li)	1046864-81-6	--
432		全氟戊磺酸盐	175905-36-9	--
433		全氟戊磺酸三乙基铵	72033-42-2	--
434		全氟戊烷磺酸酐(PFPeSA)	161877-72-1	--
435	--	2-全氟己基乙酸(6:2 FTCA)	53826-12-3	0.010
436	5:3 FTCA, 及其盐	3-全氟戊基丙酸(5:3 FTCA)	914637-49-3	0.010
437		2H,2H,3H,3H 全氟辛酸盐(5:3 FTCA(anion))	1799325-94-2	--
438	PFHxDA, 及其盐	全氟十六烷酸(PFHxDA)	67905-19-5	0.010
439		全氟十六烷酸盐 (PFHxDA(anion))	1214264-30-8	--
440	--	全氟十七烷酸 (PFHpDA)	57475-95-3	0.010
441	PFODA, 及其盐	全氟十八烷酸(PFODA)	16517-11-6	0.010
442		全氟十八烷酸盐(PFODA(anion))	798556-82-8	--
443		2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-三十五氟十八烷酸钾盐	--	--
444		2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-三十五氟十八烷酸钠盐	--	--
445		2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-三十五氟十八烷酸锂盐	--	--
446	--	全氟十九烷酸(PFNDA)	133921-38-7	0.010
447	--	全氟二十烷酸(C_{20} PFCA)	68310-12-3	0.010
448	--	全氟二十一烷酸(C_{21} PFCA)	2920913-30-8	0.010

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
449	--	1H,1H,2H,2H-全氟辛基甲基丙烯酸酯(6:2 FTMA)	2144-53-8	0.200
450	ADONA, 及其盐	4,8-二氧-3H-全氟壬酸(ADONA)	919005-14-4	0.010
451		4,8-二氧杂-3H-全氟壬酸铵(ADONA-NH_4)	958445-44-8	--
452		4,8-二氧杂-3H-全氟壬酸钠(ADONA-Na)	2250081-67-3	--
453		4,8-二氧-3H-全氟壬酸钾 (ADONA-K)	1087271-46-2	--
454		4,8-二氧-3H-全氟壬酸盐 (ADONA (anion))	2127366-90-7	--
455	PFMPA, 及其盐	全氟-3-甲氧基丙酸(PFMPA)	377-73-1	0.010
456		2,2,3,3-四氟-3-(三氟甲氧基)丙酸酐 (PFMPAA)	42566-65-4	--
457	--	全氟-4-甲氧基丁酸(PFMBA)	863090-89-5	0.010
458	--	全氟-3,6-二氧杂庚酸(NFDHA)	151772-58-6	0.010
459	9Cl-PF_3ONS, 及其盐	9-氯十六氟-3-氧代壬烷-1-磺酸(9Cl-PF_3ONS)	756426-58-1	0.010
460		9-氯十六氟-3-氧代壬烷-1-磺酸钾 (9Cl-PF_3ONS-K)	73606-19-6	--
461		9-氯十六氟-3-氧代壬烷-1-磺酸铵 (9Cl-PF_3ONS-NH_4)	1383434-28-3	--
462		9-氯-3-氧杂全氟壬烷磺酸盐 (9Cl-PF_3ONS (anion))	1621485-21-9	--
463	11Cl-PF_3OUdS ，及其盐	11-氯二十碳氟-3-氧十一烷-1-磺酸(11Cl-PF_3OUdS)	763051-92-9	0.010
464		11-氯二十碳氟-3-氧十一烷-1-磺酸钾(11Cl-PF_3OUdS-K)	83329-89-9	--
465		11-氯-3-氧杂全氟十一烷磺酸盐 (11Cl-PF_3OUdS (anion))	2196242-82-5	--
466	PFEESA, 及其盐	全氟(2-乙氧基乙烷)磺酸(PFEESA)	113507-82-7	0.010
467		全氟(2-乙氧基乙烷)磺酸钾 (PFEESA-K)	117205-07-9	--
468		全氟(2-乙氧基乙烷)磺酸钠 (PFEESA-Na)	113507-87-2	--
469	3:3 FTCA, 及其盐	3-全氟丙基丙酸(3:3 FTCA)	356-02-5	0.010
470		4,4,5,6,6,6-七氟己酸盐 (3:3 FTCA(anion))	1169706-83-5	--
471		2H,2H,3H,3H-全氟己酸钠(3:3 FTCA-Na)	1207462-13-2	--
472	PFPeDA, 及其盐	全氟十五烷酸(PFPeDA)	141074-63-7	0.010
473		全氟十五烷酸盐(PFPeDA(anion))	1214264-29-5	--
474	--	1H,1H,2H,2H-全氟己基甲基丙烯酸酯(4:2 FTMA)	1799-84-4	0.200
475	--	2-(N-乙基全氟辛烷磺酰胺基)丙烯酸乙酯(EtFOSAC)	423-82-5	0.200
476	--	1-碘-1H,1H,2H,2H-全氟辛烷(6:2 FTI)	2043-57-4	0.200
477	PFBSA, 及其盐	九氟丁烷磺酰胺(PFBSA)	30334-69-1	0.100
478		九氟丁烷磺酰胺铵盐(FBSA-NH_4)	131003-86-6	--
479		九氟丁烷磺酰胺钾盐(FBSA-K)	289042-19-9	--
480	--	N-(2-羟乙基)-N-甲基全氟丁烷磺酰胺(PFBS-NC_3H_8O)	34454-97-2	0.010
481	11H-PFUnDA, 及其盐	11H-全氟十一烷酸(11H-PFUnDA)	1765-48-6	0.100
482		11H-全氟十一烷酸钾(11H-PFUnDA-K)	307-71-1	--
483		11H-全氟十一烷酸铵(11H-PFUnDA-NH_4)	5081-02-7	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
484		11H-全氟十一烷酸盐 (11H-PFUnDA(anion))	69681-37-4	--
485	PFPrA,及其盐	五氟丙酸(PFPrA)	422-64-0	0.100
486		五氟丙酸钠(PFPrA-Na)	378-77-8	--
487		五氟丙酸银(PFPrA-Ag)	509-09-1	--
488		五氟丙酸钾(PFPrA-K)	378-76-7	--
489		五氟丙酸铵(PFPrA-NH_4)	2730-58-7	--
490		五氟丙酸盐(PFPrA(anion))	44864-55-3	--
491		五氟丙酸苯基哌嗪 (1/1) (PFPrA-$C10H_{14}N_2$)	893-87-8	--
492		五氟丙酸哌嗪(1/1) (PFPrA-$C_4H_{10}N_2$)	1690-94-4	--
493		五氟丙酸咪唑(PFPrA-$C_3H_4N_2$)	200705-90-4	--
494	HFPO-TA, 及其盐	全氟-2,5-二甲基-3,6-二氧杂壬酸 (HFPO-TA)	13252-14-7	0.200
495		全氟-2,5-二甲基-3,6-二氧杂壬酸钾 (HFPO-TA-K)	67118-57-4	--
496		全氟-2,5-二甲基-3,6-二氧杂壬酸钠 (HFPO-TA-Na)	67963-76-2	--
497		全氟-2,5-二甲基-3,6-二氧杂壬酸铵 (HFPO-TA-NH4)	13043-05-5	--
498		全氟-2,5-二甲基-3,6-二氧杂壬酰基氟化物 (HFPO-TA-F)	2641-34-1	--
499		三乙基铵全氟-2-(2-丙氧基丙氧基)丙酸盐 (HFPO-TA-$NH(C_2H_5)_3$)	165951-19-9	--
500		甲铵全氟-2-(2-丙氧基丙氧基)丙酸盐	328065-29-8	--
501		2,3,3,3-四氟-2-[1,1,2,3,3,3-六氟-2-(七氟丙氧基) 丙氧基] 丙酸・二甲胺 (1:1 盐)	328065-54-9	--
502	PFEtS, 及其盐	全氟乙烷磺酸(PFEtS)	354-88-1	0.010
503		全氟乙烷磺酸盐 (PFEtS (anion))	108410-37-3	--
504		全氟乙烷磺酸钾 (PFEtS-K)	2837-92-5	--
505	6:2 diPAP, 及其盐	双[2-(全氟己基)乙基]磷酸盐(6:2 diPAP)	57677-95-9	0.010
506		双[2-(全氟己基)乙基]磷酸(6:2 diPAP-Na)	407582-79-0	--
507		双[2-(全氟己基)乙基]磷酸盐离子(6:2 diPAP(Anion))	667465-18-1	--
508	TFSI, 及其盐	双(三氟甲烷)磺酰亚胺(TFSI)	82113-65-3	0.010
509		1-丁基-1-甲基吡咯烷双(三氟甲烷)磺酰亚胺	223437-11-4	--
510		三丁基甲基铵双(三氟甲烷)磺酰亚胺	405514-94-5	--
511		双(三氟甲烷)磺酰亚胺锂(TFSI-Li)	90076-65-6	--
512		1-癸基-3-甲基咪唑双(三氟甲烷)磺酰亚胺	433337-23-6	--
513		双(三氟甲磺酰基)亚胺锌 II) ($(TFSI)_2$-Zn)	168106-25-0	--
514		双(三氟甲磺酰亚锰 II) ($(TFSI)_2$-Mn)	207861-55-0	--
515		双(三氟甲磺酰亚胺)镍(II) ($(TFSI)_2$-Ni)	207861-63-0	--
516		双(三氟甲磺酰亚胺铜(II) ($(TFSI)_2$-Cu)	162715-14-2	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
517		三[1,1,1-三氟-N-[(三氟甲基)磺酰基-KO]甲磺酰胺基-KO]-铁 ((TFSI)$_3$-Fe)	207861-59-4	--
518		三氟甲烷磺酰亚胺铜(II)二水合物 ((TFSI)$_2$-CuH$_2$O)	1334406-76-6	--
519		双(三氟甲烷磺酰亚胺银 (TFSI-Ag)	189114-61-2	--
520		双(三氟甲基磺酰基)亚胺铜 (TFSI-Cu)	291300-50-0	--
521		双(三氟甲烷磺酰亚胺)钡((TFSI)$_2$-Ba)	168106-22-7	--
522		双(三氟甲基磺酰基)亚胺锶 ((TFSI)$_2$-Sr)	862121-57-1	--
523		1-甲基咪唑双(三氟甲磺酰亚胺	353239-08-4	--
524		1-乙基-3-甲基咪唑鎓双	174899-82-2	--
525		1,2-二甲基-3-丙基咪唑鎓双(三氟甲基磺酰基)亚胺盐	169051-76-7	--
526		双(三氟甲基磺酰基)亚胺镁 (TFSI-Mg)	133395-16-1	--
527		1-甲基-3-丙基咪唑鎓双(三氟甲基磺酰基)亚胺盐	216299-72-8	--
528		1-丁基-1-甲基咪唑鎓双(三氟甲基磺酰基)亚胺盐	623580-02-9	--
529		1-甲基-3-正辛基咪唑鎓双(三氟甲磺酰基)亚胺盐	178631-04-4	--
530		三[双(三氟甲基磺酰基)氨基]镱 ((TFSI)$_3$-Yb)	175438-43-4	--
531		丁基-三甲基双(三氟甲基磺酰基)亚胺铵	258273-75-5	--
532		双(三氟甲基磺酰基)亚胺钴 ((TFSI)$_2$-Co)	207861-61-8	--
533		双(三氟甲磺酰亚胺钾 (TFSI-K)	90076-67-8	--
534		1-甲基-1-丙基哌啶-1-鎓双(三氟甲基)磺酰基)-酰胺	608140-12-1	--
535		1-乙基-2,3-二甲基咪唑鎓双(三氟甲烷磺酰)亚胺盐	174899-90-2	--
536		1-甲基-1-丙基吡咯烷鎓双(三氟甲磺酰基)亚胺盐	223437-05-6	--
537		1,1,1-三氟-N-三氟甲烷磺酰基-N-(N-三氟甲烷磺酰基-三氟甲烷磺酰胺基)-羟基)-甲磺酰胺 ((TFSI)$_2$-Ca)	165324-09-4	--
538		双(三氟甲基磺酰基)亚胺胆碱	827027-25-8	--
539		1-十二烷基-3-甲基咪唑鎓双(三氟甲磺酰基)亚胺盐	404001-48-5	--
540		1-乙基-1-甲基吡咯烷双(三氟甲基磺酰基)亚胺盐	223436-99-5	--
541		二乙基甲基硫双(三氟甲基磺酰)亚胺	792188-85-3	--
542		双(三氟甲基磺酰基)叠氮化物：汞(2+) ((TFSI)$_2$-Hg)	104715-41-5	--
543		双(三氟甲磺酰基)酰亚胺铈(III)盐(TFSI-Ce)	1046099-39-1	--
544		{双[(三氟甲基)磺酰基]氮杂化镉}镉盐(TFSI-Cd)	1263295-73-3	--
545		双(三氟甲磺酰基)酰亚胺镧(III)盐(TFSI-La)	168106-26-1	--
546		双(三氟甲基磺酰)酰亚胺钪(III)盐(TFSI-Sc)	176726-07-1	--
547		双(三氟甲磺酰)酰亚胺钇(III)盐 (TFSI-Y)	189114-86-1	--
548		双(三氟甲磺)酰亚胺钒盐(TFSI-V)	207861-54-9	--
549		双(三氟甲磺酰)酰亚胺铁(II)盐(TFSI-Fe)	207861-57-2	--
550		双(三氟甲基磺酰)酰亚胺锡(II)盐(TFSI-Sn)	460096-08-6	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
551		双(三氟甲磺酰基)酰亚胺铯盐(TFSI-Cs)	91742-16-4	--
552		双(三氟甲磺酰)酰亚胺钠盐(TFSI-Na)	91742-21-1	--
553	10:2 monoPAP，及其盐	单[2-(全氟癸基)乙基]磷酸酯 (10:2 monoPAP)	57678-05-4	0.100
554		单[2-(全氟癸基)乙基]磷酸双铵盐	93857-45-5	--
555		二十一氟十二烷基磷酸二氢酯环己铵盐	2514858-66-1	--
556	-	N-(4,4,5,5,6,6,7,7,8,8,9,9,9-十三氟壬基)碘乙酰胺	852527-50-5	0.010
557	TFMS, 及其盐	三氟甲磺酸(TFMS)	1493-13-6	0.010
558		三氟甲磺酸钠盐(TFMS-Na)	2926-30-9	--
559		三氟甲磺酸银盐(TFMS-Ag)	2923-28-6	--
560		三氟甲磺酸锌盐(TFMS-Zn)	54010-75-2	--
561		三氟甲磺酸钪盐(TFMS-Sc)	144026-79-9	--
562		三氟甲磺酸酐	358-23-6	--
563		三氟甲磺酸锂盐(TFMS-Li)	33454-82-9	--
564		三氟甲磺酸铜盐(TFMS-Cu)	34946-82-2	--
565		三氟甲磺酸钡盐(TFMS-Ba)	2794-60-7	--
566		三氟甲磺酸铈盐(TFMS-Ce)	107792-63-2	--
567		三氟甲磺酸镁盐(TFMS-Mg)	60871-83-2	--
568		三氟甲磺酸钾盐(TFMS-K)	2926-27-4	--
569		三氟甲磺酸镍盐(TFMS-Ni)	60871-84-3	--
570		三氟甲磺酸锡盐(TFMS-Sn)	62086-04-8	--
571		三氟甲磺酸钇盐(TFMS-Y)	52093-30-8	--
572		三氟甲磺酸铁盐(TFMS-Fe)	63295-48-7	--
573		三氟甲磺酸铈盐(TFMS-Ce)	76089-77-5	--
574		三氟甲磺酸四丁基铵	35895-70-6	--
575		三氟甲磺酸甲基三辛基铵	121107-18-4	--
576		咪唑三氟甲磺酸酯	29727-06-8	--
577		三氟乙酰基三氟甲磺酸酯	68602-57-3	--
578		三氟甲磺酸镧(III) (TFMS-La)	52093-26-2	--
579		三氟甲磺酸铟(III) (TFMS-In)	128008-30-0	--
580		三氟甲磺酸钐(III)(TFMS-Sm)	52093-28-4	--
581		三氟甲磺酸镱(III) (TFMS-Yb)	54761-04-5	--
582		三氟甲磺酸铥(III) (TFMS-Tm)	141478-68-4	--
583		三氟甲磺酸四乙基铵	35895-69-3	--
584		三氟甲磺酸 1-氟-3,5-二氯吡啶	107264-06-2	--
585		三氟甲磺酸三乙胺盐	646-58-2	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
586		三苯基三氟甲酸酐鏻	72450-51-2	--
587		N, N-二乙基-6-(二乙氨基)-9-(2-(甲氧羰基)苯基)-3H-蒽-3-亚基三氟甲磺酸铵	120611-30-5	--
588		三氟甲磺酸二苯铵	164411-06-7	--
589		1-(3-氨基氮杂环丁烷-1-基)丙-2-烯-1-酮, 三氟甲磺酸	2060047-56-3	--
590		三氟甲磺酸胍	153756-25-3	--
591		三氟甲磺酸-1-乙基-1H-咪唑 (1/1)	501693-46-5	--
592		钌(3+) (OC-6-22)-与三氟甲磺酸 (1:3)的盐	74468-24-9	--
593		O-新戊酰基羟胺三氟甲磺酸酯	1293990-73-4	--
594		三氟甲磺酰氯	421-83-0	--
595		(2-吡啶甲基)磺酰氯三氟甲磺酸酯	882564-09-2	--
596		三氟甲磺酰溴	15458-53-4	--
597		三氟甲磺酸汞(II)(TFMS-Hg)	49540-00-3	--
598		三氟甲磺酸镝(III)(TFMS-Dy)	139177-62-1	--
599		三氟甲磺酸锰(II)(TFMS-Mn)	55120-76-8	--
600		三氟甲磺酸五胺锇(III)	83781-30-0	--
601		三氟甲磺酸镥(III)(TFMS-Lu)	126857-69-0	--
602		三氟甲磺酸铽(III)(TFMS-Tb)	148980-31-8	--
603		三氟甲磺酸钕(III)(TFMS-Nd)	34622-08-7	--
604		三氟甲磺酸铵(TFMS-NH4)	38542-94-8	--
605		三氟甲磺酸钬(III)(TFMS-Ho)	139177-63-2	--
606		三氟甲磺酸酯	37181-39-8	--
607		三氟甲磺酸镨(III)(TFMS-Pr)	52093-27-3	--
608		三氟甲磺酸铋(III)(TFMS-Bi)	88189-03-1	--
609		三氟甲磺酸铕(III)(TFMS-Eu)	52093-25-1	--
610		三氟甲磺酸铒(III)(TFMS-Er)	139177-64-3	--
611		三氟甲磺酸镓(III)(TFMS-Ga)	74974-60-0	--
612		N,N,N-三乙基-2,2,2-三氟乙烷-1-三氟甲磺酸铵	380230-73-9	--
613		三氟甲磺酸钙(II)(TFMS-Ca)	55120-75-7	--
614		三氟甲磺酸铊(I)(TFMS-Tl)	73491-36-8	--
615		三氟甲磺酸铪(IV)(TFMS-Hf)	161337-67-3	--
616		1-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十五氟辛基) 吡啶鎓三氟甲磺酸盐	25061-59-0	--
617		四丙基铵三氟甲磺酸盐	35925-48-5	--
618		(七氟丙基)(苯基) 碘鎓三氟甲磺酸盐	77758-79-3	--
619		苯基 (十三氟己基) 碘鎓三氟甲磺酸盐	77758-84-0	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
620		(十七氟辛基)(苯基) 碘鎓三氟甲磺酸盐	77758-89-5	--
621		(1,1,1,2,3,3,3-七氟丙烷-2-基)(苯基) 碘鎓三氟甲磺酸盐	82959-18-0	--
622		三乙基甲基铵三氟甲磺酸盐	90756-35-7	--
623		五氟苯胺鎓三氟甲磺酸盐	912823-79-1	--
624		三丁基甲基铵三氟甲磺酸盐	944557-37-3	--
625	PFPrS, 及其盐	全氟丙烷磺酸(PFPrS)	423-41-6	0.010
626		全氟丙烷磺酸钠(PFPrS-Na)	359868-82-9	--
627	-	1-全氟庚基乙醇 (7:2 仲) (7:2sFTOH)	24015-83-6	0.200
628	-	1-碘-1H, 1H, 2H, 2H-全氟己烷(4:2 FTI)	2043-55-2	0.200
629	PFHpSi, 及其盐	全氟庚烷-1-亚磺酸(PFHpSi)	769067-51-8	0.010
630		全氟庚烷-1-亚磺酸钠盐 (PFHpSi-Na)	68555-66-8	--
631	PFOPA, 及其盐	全氟辛基磷酸 (PFOPA)	40143-78-0	0.010
632		全氟辛基磷酸-4-甲基苯甲酰胺	1263361-03-0	--
633	-	1H, 1H-全氟辛胺(7:1 FTNH$_2$)	307-29-9	0.200
634	-	全氟庚酰胺(PFHpA-NH$_2$)	2358-22-7	0.100
635	-	全氟丁酰胺(PFBA-NH$_2$)	662-50-0	0.200
636	-	1H, 1H, 2H, 2H-九氟己酯(4:2 FTA)	52591-27-2	0.200
637	-	N-甲基-九氟丁磺酰胺(MeFBSA)	68298-12-4	0.010
638	-	N-乙基-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-N-(2-羟乙基)-1-己磺酰胺(Et-FHxSE)	34455-03-3	0.010
639	TFA, 及其盐	三氟乙酸(TFA)	76-05-1	1.000
640		三氟乙酸钠(TFA-Na)	2923-18-4	--
641		三氟乙酸铊(TFA-Tl)	23586-53-0	--
642		三氟乙酸锂(TFA-Li)	2923-17-3	--
643		三氟乙酸银(TFA-Ag)	2966-50-9	--
644		三氟乙酸铯(TFA-Cs)	21907-50-6	--
645		三氟乙酸钾(TFA-K)	2923-16-2	--
646		三氟乙酸铵(TFA-NH$_4$)	3336-58-1	--
647		三氟乙酸汞(TFA-Hg)	13257-51-7	--
648		三氟乙酸钯(TFA-Pd)	42196-31-6	--
649		三氟乙酸盐(TFA anion)	14477-72-6	--
650		三氟乙酸二甲基[(三氟乙酰基)氧基]锍	57738-66-6	--
651		三氟乙酸铝(III)(TFA-Al)	36554-89-9	--
652		三氟乙酸钡(II)(TFA-Ba)	60884-92-6	--
653		三氟乙酸铒(III)(TFA-Er)	70236-99-6	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
654		三氟乙酸铟(III)(TFA-In)	36554-90-2	--
655		三氟乙酸镧(III)(TFA-La)	70236-92-9	--
656		三氟乙酸镍(II)(TFA-Ni)	16083-14-0	--
657		三氟乙酸铅(II)(TFA-Pb)	4146-73-0	--
658		三氟乙酸铑(II)(TFA-Rh)	72654-51-4	--
659		三氟乙酸铥(III)(TFA-Tm)	70237-00-2	--
660		三氟乙酸镱(III)(TFA-Yb)	87863-62-5	--
661		三氟乙酸锌(II)(TFA-Zn)	21907-47-1	--
662		三氟乙酸钌(II)(TFA-Ru)	61612-84-8	--
663		三氟乙酸镁(II)(TFA-Mg)	123333-72-2	--
664		三氟乙酸铜(II)(TFA-Cu)	123333-88-0	--
665		三氟乙酸甲基三乙酸甲基乙酰铵	121107-16-2	--
666		铬(3+)三氟乙酸盐(TFA-Cr)	16712-29-1	--
667		三氟乙酸四乙基铵(TFA-N(C_2H_5)$_4$)	30093-29-9	--
668		三氟乙酸四丁基铵(TFA-N(C_4H_9)$_4$)	39481-22-6	--
669		三氟乙酸铕(3+)-水(1/3/3)(TFA-Eu.H_2O)	94079-71-7	--
670	BETI, 及其盐	双(五氟乙烷磺酰基)亚胺	152894-10-5	0.020
671		双(五氟乙烷磺酰基)亚胺基锂(BETI-Li)	132843-44-8	--
672		双(五氟乙烷磺酰基)亚胺基阴离子	129318-46-3	--
673		双(五氟乙烷磺酰基)亚胺基钠 (BETI-Na)	152894-04-7	--
674		双(五氟乙烷磺酰基)亚胺基钾 (BETI-K)	221203-22-1	--
675		1-乙基-3-甲基咪唑啉双(五氟乙基磺酰基)亚胺	216299-76-2	--
676	--	全氟-2-乙氧基丙酸(PEPA)	267239-61-2	0.010
677	PFDPA, 及其盐	全氟癸基膦酸(PFDPA)	52299-26-0	0.010
678		全氟癸基膦酸 4-甲基苯甲胺	--	--
679		全氟癸基膦酸二-4-甲苯胺盐	--	--
680	PFHxPA, 及其盐	全氟己基膦酸	40143-76-8	0.010
681		全氟己基膦酸 4-甲基苯甲胺	1263361-02-9	--
682	--	((全氟辛基)乙基)膦酸	80220-63-9	0.020
683	--	3-(全氟丁基)丙酸	80705-13-1	0.010
684	--	全氟-3,6,9-三氧杂十一烷-1,11-二酸	55621-18-6	0.020
685	--	全氟壬二酸	23453-64-7	0.020
686	--	全氟辛二酸	678-45-5	0.020
687	--	全氟三丙胺	338-83-0	10.000
688		六氟乙酰丙酮 (HFAC)	1522-22-1	0.010

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
689	HFAC, 及其盐	六氟乙酰丙酮酸锶(HFAC-Sr)	121012-89-3	--
690		六氟乙酰丙酮酸钙(HFAC-Ca)	121012-90-6	--
691		六氟乙酰丙酮酸铋(III)(HFAC-Bi)	141364-06-9	--
692		六氟乙酰丙酮酸镍(II)(HFAC-Ni)	14949-69-0	--
693		六氟乙酰丙酮酸铜(II)水合物(HFAC-Cu·H_2O)	155640-85-0	--
694		六氟乙酰丙酮酸钍(HFAC-Th)	18865-75-3	--
695		六氟乙酰丙酮酸钇(HFAC-Y)	18911-76-7	--
696		六氟乙酰丙酮酸铒(III)水合物(HFAC-Er·H_2O)	18923-92-7	--
697		六氟乙酰丙酮酸钪(III)(HFAC-Sc)	18990-42-6	--
698		六氟乙酰丙酮酸钴(II)(HFAC-Co)	19648-83-0	--
699		六氟乙酰丙酮酸镁(HFAC-Mg)	19648-85-2	--
700		六氟乙酰丙酮酸锰(II)(HFAC-Mn)	19648-86-3	--
701		六氟乙酰丙酮酸钠(HFAC-Na)	22466-49-5	--
702		六氟乙酰丙酮酸铯(HFAC-Cs)	22518-56-5	--
703		六氟乙酰丙酮酸钡(HFAC-Ba)	314071-48-2	--
704		六氟戊二酮酸铟(HFAC-In)	34110-72-0	--
705		六氟乙酰丙酮酸锡(II)(HFAC-Sn)	51319-99-4	--
706		六氟乙酰丙酮酸钯(II)(HFAC-Pd)	64916-48-9	--
707	--	全氟-N-甲基吗啉	382-28-5	10.000
708	--	4,4'-[2,2,2-三氟-1-(三氟甲基)亚乙基]双酚(BPAF)	1478-61-1	10.000
709	PFTriODA，及其盐	全氟-(2,5,8-三甲基-3,6,9-三氧杂十二烷酸) (PFTriODA)	65294-16-8	0.010
710		全氟-(2,5,8-三甲基-3,6,9-三氧杂十二烷酸)钾盐	67963-77-3	--
711		全氟-(2,5,8-三甲基-3,6,9-三氧杂十二烷酸)铵盐	--	--
712	PFDeDA，及其盐	全氟癸二酸 (PFDeDA)	307-78-8	0.010
713		2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-十六氟癸二酸二钠盐	--	--
714		2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-十六氟癸二酸二锂盐	--	--
715	9H-PFNA，及其盐	9H-全氟壬酸 (9H-PFNA)	76-21-1	0.100
716		2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-十六氟壬酸钠盐	--	--
717		9-氯-2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-十六氟壬酸钠盐	--	--
718		2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-十六氟壬酸钾盐	--	--
719		9-氯全氟壬酸钾盐	1415963-94-8	--
720		十六氟壬酸铵盐	1868-86-6	--
721		2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-十六氟壬酸锂盐	--	--
722		9-氯-2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-十六氟壬酸锂盐	--	--
723		1,1,2,2,3,3-六氟丙烷-1,3-二磺酰亚胺 (HFPDSI)	84246-29-7	0.010

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
724	HFPDSI, 及其盐	1,1,2,2,3,3-六氟丙烷-1,3-二磺酰亚胺钾盐 (HFPDSI-K)	588668-97-7	--
725		1,1,2,2,3,3-六氟丙烷-1,3-二磺酰亚胺锂盐 (HFPDSI-Li)	189217-62-7	--

(2) 针对纺织品， ^^物质是指附表中甲醇/氢氧化钠溶液提取时会水解的 PFAS 物质。

物质名称	CAS No.
N-EtFOSE, 及可能来源	
2- (N-乙基全氟辛基磺酰胺)乙醇 (N-EtFOSE)	1691-99-2
2- (N-乙基全氟辛烷磺酰胺基)丙烯酸乙酯 (EtFOSAC) ^^	423-82-5
PFOA, 及其可能来源	
全氟辛酸 (PFOA)	335-67-1
全氟辛酸乙酯 (Et-PFOA) ^^	3108-24-5
全氟辛酸甲酯 (Me-PFOA) ^^	376-27-2
8:2 FTOH, 及其可能来源	
1H, 1H, 2H, 2H-全氟-1-癸醇 (8:2 FTOH)	678-39-7
1H, 1H, 2H, 2H-甲基丙烯酸全氟癸酯 (8:2 FTMA)^^	1996-88-9
1H, 1H, 2H, 2H-全氟癸基丙烯酸酯 (8:2 FTA) ^^	27905-45-9
1H,1H,2H,2H-全氟十二烷基乙酸酯 (8:2 FTOAc) ^^	37858-04-1
10:2 FTOH, 及其可能来源	
1H, 1H, 2H, 2H-全氟-1-十二烷醇 (10:2 FTOH)	865-86-1
1H,1H,2H,2H-全氟十二烷基甲基丙烯酸酯 (10:2 FTMA) ^^	2144-54-9
1H, 1H, 2H, 2H-全氟十二烷基丙烯酸酯 (10:2 FTA)^^	17741-60-5
1H,1H,2H,2H-全氟癸基乙酸酯 (10:2 FTOAc) ^^	37858-05-2
6:2 FTOH, 及其可能来源	
1H, 1H, 2H, 2H-全氟-1-辛醇 (6:2 FTOH)	647-42-7
1H, 1H, 2H, 2H-全氟辛基甲基丙烯酸酯(6:2 FTMA)^^	2144-53-8
1H, 1H, 2H, 2H-全氟辛基丙烯酸酯 (6:2 FTA) ^^	17527-29-6
MeFHxSE, 及其可能来源	
十三氟-N- (2-羟基乙基)-N-甲基己烷磺酰胺 (MeFHxSE)	68555-75-9
2-[甲基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯^^	67584-61-6
2-[甲基[(十三氟己基)磺酰基]氨基]丙烯酸乙酯 (N-MeFHSEA) ^^	67584-57-0
Et-FHxSE, 及其可能来源	
N-乙基-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-N-(2-羟乙基)-1-己磺酰胺 (Et-FHxSE)	34455-03-3
2-[乙基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯^^	67906-70-1
PFHpA, 及可能来源	

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(PFAS)

全氟庚酸(PFHpA)	375-85-9
全氟庚酰胺 (PFHpA-NH_2) ^^	2358-22-7
PFBA, 及可能来源	
全氟丁酸(PFBA)	375-22-4
全氟丁酰胺 (PFBA-NH_2) ^^	662-50-0
4:2 FTOH, 及其可能来源	
1H, 1H, 2H, 2H-全氟-1-己醇 (4:2 FTOH)	2043-47-2
1H, 1H, 2H, 2H-全氟己基甲基丙烯酸酯 (4:2 FTMA)^^	1799-84-4
1H, 1H, 2H, 2H-九氟己酯 (4:2 FTA) ^^	52591-27-2

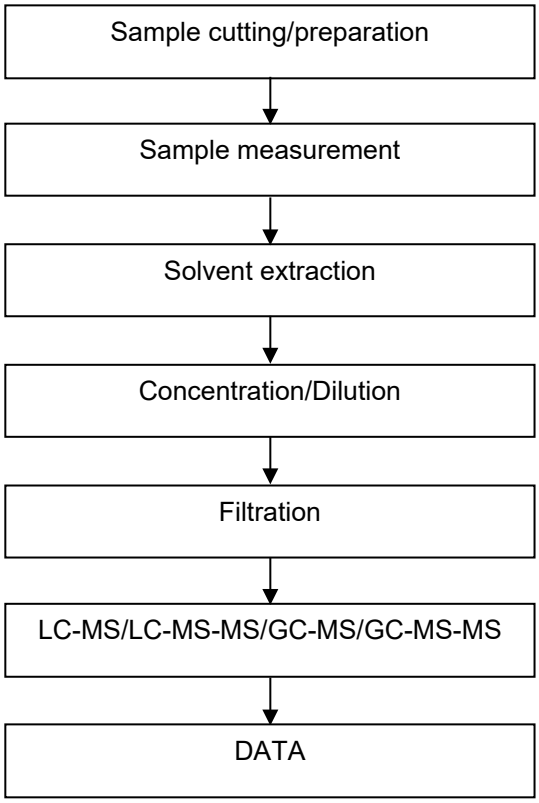
(3) 当用甲醇/氢氧化钠溶液提取时，化合物被水解并释放出相关的 PFAS 物质。由于所列 PFAS 会降解为未知化合物和/或无法通过甲醇/NaOH 溶液提取进行分析，因此只能通过溶剂提取方法检测和定量可提取的含量。通过溶剂提取和随后的 GC-MS 或 GC-MS/MS 或 HPLC-MS/MS 分析得到的结果仅反映了可提取的 PFAS。

(4) 全氟十五烷酸, 全氟十七烷酸, 全氟十九烷酸, 全氟二十烷酸, 全氟二十一烷酸检测结果采用碳链数接近的全氟烷酸半定量。

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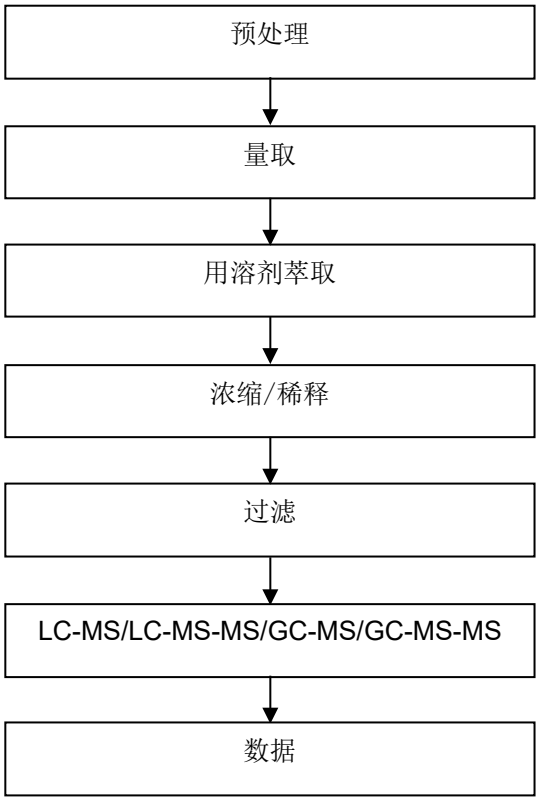
PFASs/ PFOS/PFOA Testing Flow Chart



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PFASs/ PFOS/PFOA 检测流程图

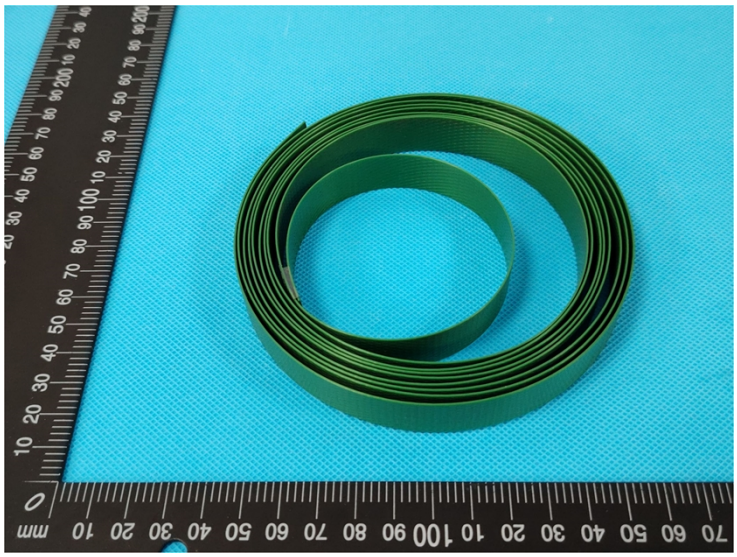


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(PFAS)

Sample photos 样品照片:



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