



Test Report

No.: QDHL260701016601CW

Date: Jul 14, 2026

Page 1 of 35

C.I. UNIBÁN S.A.
CALLE 52 NO. 47 - 42 ED. COLTEJER

Sample Descriptions : CORRUGATED CARDBOARD WITH PRINTING
Country of Origin : COLOMBIA
Country of Destination : EU - USA
Buyer : C.I. UNIBÁN S.A.
Manufacturer : C.I. UNIBÁN S.A.

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : TAOHL26008073901
Sample Receiving Date : Jul 08, 2026
Test Performing Date : Jul 08, 2026 to Jul 14, 2026

Test Requested	Result
725 Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content	See Results

Remark: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.

Zhou Xinkuan, SK
Authorized Signatory

Scan to see the report



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Verification:
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Test Result(s):
Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	TAO26-0080739-0001.C001	Black printed brown/light brown corrugated paper board

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-” = Not Regulated

725 Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content

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

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
PFOS, its salts					
Perfluorooctane sulfonic acid (PFOS), its salts [^]	1763-23-1	0.025	mg/kg	0.010	ND
PFOS-related compounds					
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	-	mg/kg	0.010	ND
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	-	mg/kg	0.010	ND
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)	1691-99-2	-	mg/kg	0.010	ND
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-MeFOSE)	24448-09-7	-	mg/kg	0.010	ND
Perfluorooctane Sulfonamide (PFOSA), its salts [^]	754-91-6	-	mg/kg	0.010	ND
Perfluorooctane sulfonamidoacetic Acid (FOSAA), its salts [^]	2806-24-8	-	mg/kg	0.010	ND
N-Methylperfluoro-1-octanesulfonamidoacetic Acid (N-MeFOSAA), its salts [^]	2355-31-9	-	mg/kg	0.010	ND
N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA), its salts [^]	2991-50-6	-	mg/kg	0.010	ND
2-(N-ethylperfluorooctanesulfamido) ethyl acrylate (EtFOSAC)	423-82-5	-	mg/kg	0.200	ND
Sum of PFOS-related compounds	-	1	mg/kg	-	ND
PFOA, its salts					
Perfluorooctanoic acid (PFOA), its salts [^]	335-67-1	0.025	mg/kg	0.010	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
PFOA-related compounds					
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts [^]	39108-34-4	1	mg/kg	0.010	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	1	mg/kg	0.200	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	1	mg/kg	0.200	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	1	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	1	mg/kg	0.100	ND
Perfluoro-1-iodooctane (PFOI)	507-63-1	1	mg/kg	0.200	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts [^]	27854-31-5	1	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	1	mg/kg	0.100	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	1	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	1	mg/kg	0.100	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts [^]	678-41-1	1	mg/kg	0.010	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts [^]	34598-33-9	1	mg/kg	0.010	ND
1H,1H,2H-Heptadecafluoro-1-decene (PFDE)	21652-58-4	1	mg/kg	0.100	ND
3-Perfluoroheptyl propanoic acid (7:3 FTCA)	812-70-4	1	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl ₃)/ 1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)	78560-44-8 /83048-65-1	1	mg/kg	0.100	ND
2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	1	mg/kg	0.010	ND
6:8 Perfluorophosphinic acid (6:8 PFPI)	610800-34-5	1	mg/kg	0.010	ND
8:8 Perfluorophosphinic acid (8:8 PFPI), its salts [^]	40143-79-1	1	mg/kg	0.010	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	1	mg/kg	0.100	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts [^]	57678-03-2	1	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	1	mg/kg	0.100	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	1	mg/kg	0.100	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts [^]	120226-60-0	1	mg/kg	0.100	ND
10:2 Fluorotelomer phosphate diester (10:2 diPAP), its salts [^]	1895-26-7	1	mg/kg	0.100	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	1	mg/kg	0.010	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	1	mg/kg	0.010	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts [^]	57678-05-4	1	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	1	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	1	mg/kg	0.100	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	1	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	1	mg/kg	0.100	ND
Perfluorodecyl iodide (PFDI)	423-62-1	1	mg/kg	0.100	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	1	mg/kg	0.100	ND
Sum of PFOA-related compounds	-	1	mg/kg	-	ND
C9-C21 including C9-C14 PFCA, their salts					
Perfluorononane Acid (PFNA), its salts [^]	375-95-1	-	mg/kg	0.010	ND
Perfluorodecane Acid (PFDA), its salts [^]	335-76-2	-	mg/kg	0.010	ND
Perfluoroundecanoic Acid (PFUnDA), its salts [^]	2058-94-8	-	mg/kg	0.010	ND
Perfluorododecanoic Acid (PFDoDA), its salts [^]	307-55-1	-	mg/kg	0.010	ND
Perfluorotridecanoic Acid (PFTrDA), its salts [^]	72629-94-8	-	mg/kg	0.010	ND
Perfluorotetradecanoic Acid (PFTDA), its salts [^]	376-06-7	-	mg/kg	0.010	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	mg/kg	0.010	ND
Sum of C9-C14 PFCA, their salts	-	0.025	mg/kg	-	ND
Pentadecanoic acid, nonacosafuoro (PFPeDA), its salts [^]	141074-63-7	-	mg/kg	0.010	ND
Perfluorohexadecanoic Acid (PFHxDA), its salts [^]	67905-19-5	-	mg/kg	0.010	ND
Perfluoroheptadecanoic acid (PFHpDA)	57475-95-3	-	mg/kg	0.010	ND
Perfluorooctadecanoic Acid (PFODA), its salts [^]	16517-11-6	-	mg/kg	0.010	ND
Perfluorononadecanoic acid (PFNDA)	133921-38-7	-	mg/kg	0.010	ND
Eicosanoic acid, nonatriacontafuoro (C ₂₀ PFCA)	68310-12-3	-	mg/kg	0.010	ND
Perfluoroheneicosanoic acid (C ₂₁ PFCA)	2920913-30-8	-	mg/kg	0.010	ND
Sum of C9-C21 PFCA, their salts	-	0.025	mg/kg	-	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
C9-C21 including C9-C14 PFCA-related substances					
Perfluorodecane sulfonic acid (PFDS), its salts [^]	335-77-3	-	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	-	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	mg/kg	0.100	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts [^]	120226-60-0	-	mg/kg	0.100	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	mg/kg	0.100	ND
Perfluorononane sulfonic acid (PFNS), its salts [^]	68259-12-1	-	mg/kg	0.010	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts [^]	749786-16-1	-	mg/kg	0.010	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts [^]	79780-39-5	-	mg/kg	0.010	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts [^]	791563-89-8	-	mg/kg	0.010	ND
10:2 Fluorotelomer phosphate diester (10:2 diPAP), its salts [^]	1895-26-7	-	mg/kg	0.100	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	mg/kg	0.100	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	mg/kg	0.100	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	mg/kg	0.010	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	mg/kg	0.010	ND
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	-	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts [^]	39108-34-4	-	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	mg/kg	0.100	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts [^]	27854-31-5	-	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	mg/kg	0.100	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	mg/kg	0.100	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	mg/kg	0.100	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts [^]	678-41-1	-	mg/kg	0.010	ND
2H,2H,3H,3H-Perfluoroundecanoic acid (8:3 FTCA), its salts [^]	34598-33-9	-	mg/kg	0.010	ND
1H,1H,2H-Heptafluoro-1-decene (PFDE)	21652-58-4	-	mg/kg	0.100	ND
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl ₃)/ 1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)	78560-44-8 /83048-65-1	-	mg/kg	0.100	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	mg/kg	0.100	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts [^]	57678-03-2	-	mg/kg	0.100	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts [^]	57678-05-4	-	mg/kg	0.100	ND
2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	-	mg/kg	0.010	ND
((Perfluorooctyl)ethyl)phosphonic acid	80220-63-9	-	mg/kg	0.020	ND
Sum of C9-C14/C9-C21 PFCA-related substances	-	0.26	mg/kg	-	ND
PFHxS, its salts					
Perfluorohexanesulfonic acid (PFHxS), its salts [^]	355-46-4	0.025	mg/kg	0.010	ND
PFHxS-related compounds					
N-Methylperfluoro-1-hexanesulfonamide (N-Me-PFHxSA)	68259-15-4	1	mg/kg	0.010	ND
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	1	mg/kg	0.010	ND
N-[3-(dimethylamino)propyl]tridecafluorohexanesulphonamide (N-AP-FHxSA)	50598-28-2	1	mg/kg	0.010	ND
2-[methyl[(tridecafluorohexyl)sulphonyl]amino]ethyl acrylate)) (N-MeFHSEA)	67584-57-0	1	mg/kg	0.200	ND
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	1	mg/kg	0.200	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
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	1	mg/kg	0.200	ND
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	1	mg/kg	0.010	ND
Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl] (EtFHxSAA), its salts [^]	68957-32-4	1	mg/kg	0.010	ND
Sum of PFHxS-related compounds	-	1	mg/kg	-	ND
PFHxA, its salts					
Perfluorohexane Acid (PFHxA), its salts [^]	307-24-4	0.025	mg/kg	0.010	ND
PFHxA-related substances					
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	-	mg/kg	0.100	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	mg/kg	0.200	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	-	mg/kg	0.200	ND
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	mg/kg	0.200	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts [^]	27619-97-2	-	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	mg/kg	0.500	ND
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl ₃) / 1H,1H,2H,2H-Perfluorooctyltrimethoxysilane (6:2 FTSi(OCH ₃) ₃)	78560-45-9 / 85857-16-5	-	mg/kg	0.200	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	-	mg/kg	0.200	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	-	mg/kg	0.200	ND
N-[3-(dimethylamino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	-	mg/kg	0.100	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	-	mg/kg	0.200	ND
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP), its salts [^]	57678-01-0	-	mg/kg	0.100	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	mg/kg	0.100	ND
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	-	mg/kg	0.200	ND
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	mg/kg	0.200	ND
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	-	mg/kg	0.200	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	-	mg/kg	0.200	ND
Perfluorohexyl ethylphosphonic acid (6:2 FTPA), its salts [^]	252237-40-4	-	mg/kg	0.100	ND
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	-	mg/kg	0.200	ND
2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol (6:1 FTOH)	375-82-6	-	mg/kg	0.200	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol (6:3 FTOH)	80806-68-4	-	mg/kg	0.200	ND
3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2 sFTOH)	914637-05-1	-	mg/kg	0.200	ND
1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	-	mg/kg	0.200	ND
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	-	mg/kg	0.200	ND
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	-	mg/kg	0.010	ND
6:6 Perfluorophosphinic acid (6:6 PFPI), its salts [^]	40143-77-9	-	mg/kg	0.010	ND
6:8 Perfluorophosphinic acid (6:8 PFPI)	610800-34-5	-	mg/kg	0.010	ND
2-Perfluorohexyl ethanoic acid (6:2 FTCA)	53826-12-3	-	mg/kg	0.010	ND
3-Perfluoropentyl propanoic acid (5:3 FTCA), its salts [^]	914637-49-3	-	mg/kg	0.010	ND
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	-	mg/kg	0.010	ND
Sum of PFHxA-related substances	-	1	mg/kg	-	ND
Other PFAS					
Perfluoroheptanamide (PFHpA-NH ₂)	2358-22-7	-	mg/kg	0.100	ND
Perfluorobutane Acid (PFBA), its salts [^]	375-22-4	-	mg/kg	0.010	ND
Perfluorobutanesulfonic acid (PFBS), its salts [^]	375-73-5	-	mg/kg	0.010	ND
Perfluoropentane Acid (PFPeA), its salts [^]	2706-90-3	-	mg/kg	0.010	ND
Perfluoroheptane Acid (PFHpA), its salts [^]	375-85-9	-	mg/kg	0.010	ND
Perfluoroheptanesulfonic Acid (PFHpS), its salts [^]	375-92-8	-	mg/kg	0.010	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
7H-Dodecanefluoroheptane Acid (HPFHpA), its salts [^]	1546-95-8	-	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	-	mg/kg	0.400	ND
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid (HFPO-DA), its salts [^]	13252-13-6	-	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS), its salts [^]	757124-72-4	-	mg/kg	0.010	ND
Perfluoropentane sulfonic acid (PFPeS), its salts [^]	2706-91-4	-	mg/kg	0.010	ND
4,8-Dioxa-3H-perfluorononanoic acid (ADONA), its salts [^]	919005-14-4	-	mg/kg	0.010	ND
Perfluoro-3-methoxypropanoic acid (PFMPA), its salts [^]	377-73-1	-	mg/kg	0.010	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	-	mg/kg	0.010	ND
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	-	mg/kg	0.010	ND
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF ₃ ONS), its salts [^]	756426-58-1	-	mg/kg	0.010	ND
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF ₃ OUdS), its salts [^]	763051-92-9	-	mg/kg	0.010	ND
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA), its salts [^]	113507-82-7	-	mg/kg	0.010	ND
3-Perfluoropropyl propanoic acid (3:3 FTCA), its salts [^]	356-02-5	-	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA)	1799-84-4	-	mg/kg	0.200	ND
Perfluorobutane sulfonamides (PFBSA), its salts [^]	30334-69-1	-	mg/kg	0.100	ND
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide (PFBS-NC ₃ H ₈ O)	34454-97-2	-	mg/kg	0.010	ND
11H-Perfluoroundecanoic acid (11H-PFUnDA), its salts [^]	1765-48-6	-	mg/kg	0.100	ND
Pentafluoropropionic acid (PFPrA), its salts [^]	422-64-0	-	mg/kg	0.100	ND
Hexafluoropropylene oxide trimer acid (HFPO-TA), its salts [^]	13252-14-7	-	mg/kg	0.200	ND
Perfluoroethane sulfonic acid (PFEtS), its salts [^]	354-88-1	-	mg/kg	0.010	ND
6:2 Fluorotelomer phosphate diester (6:2 diPAP), its salts [^]	57677-95-9	-	mg/kg	0.010	ND
Bis(trifluoromethane)sulfonimide (TFSI), its salts [^]	82113-65-3	-	mg/kg	0.010	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
Trifluoromethane sulfonic acid (TFMS), its salts [^]	1493-13-6	-	mg/kg	0.010	ND
Perfluoropropanesulfonic acid (PFPrS), its salts [^]	423-41-6	-	mg/kg	0.010	ND
1-perfluoroheptyl ethanol (7:2 secondary) (7:2sFTOH)	24015-83-6	-	mg/kg	0.200	ND
4:2 Fluorotelomer iodide (4:2 FTI)	2043-55-2	-	mg/kg	0.200	ND
Perfluoroheptane-1-sulfinic acid (PFHpSi), its salts [^]	769067-51-8	-	mg/kg	0.010	ND
Perfluorooctyl phosphonic acid (PFOPA), its salts [^]	40143-78-0	-	mg/kg	0.010	ND
1H,1H-Perfluorooctylamine (7:1 FTNH ₂)	307-29-9	-	mg/kg	0.200	ND
Perfluorobutyramide (PFBA-NH ₂)	662-50-0	-	mg/kg	0.200	ND
1H,1H,2H,2H-Nonafluorohexyl acrylate (4:2 FTA)	52591-27-2	-	mg/kg	0.200	ND
N-methylperfluoro-1-butanefulfonamide (MeFBSA)	68298-12-4	-	mg/kg	0.010	ND
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	-	mg/kg	0.010	ND
Trifluoroacetic acid(TFA), its salts [^]	76-05-1	-	mg/kg	1.000	ND
Bis(pentafluoroethylsulfonyl)imide (BETI), its salts [^]	152894-10-5	-	mg/kg	0.020	ND
Perfluoro-2-ethoxypropanoic acid (PEPA)	267239-61-2	-	mg/kg	0.010	ND
Perfluorodecyl phosphonic acid (PFDPA), its salts [^]	52299-26-0	-	mg/kg	0.010	ND
Perfluorohexyl phosphonic acid (PFHxPA), its salts [^]	40143-76-8	-	mg/kg	0.010	ND
3-(Perfluorobutyl)propanoic acid	80705-13-1	-	mg/kg	0.010	ND
Perfluoro-3,6,9-trioxaundecane-1,11-dioic acid	55621-18-6	-	mg/kg	0.020	ND
Perfluorononanedioic acid	23453-64-7	-	mg/kg	0.020	ND
Perfluorooctanedioic acid	678-45-5	-	mg/kg	0.020	ND
Perfluamine	338-83-0	-	mg/kg	10.000	ND
Hexafluoroacetylacetone (HFAC), its salts [^]	1522-22-1	-	mg/kg	0.010	ND
Perfluoro-N-methylmorpholine	382-28-5	-	mg/kg	10.000	ND
4,4'-[2,2,2-trifluoro-1-(trifluoromethyl) ethylidene]diphenol (BPAF)	1478-61-1	-	mg/kg	10.000	ND
Perfluoro-(2,5,8-trimethyl-3,6,9-trioxadodecanoic) acid (PFTriODA), its salts [^]	65294-16-8	-	mg/kg	0.010	ND
Perfluorodecanedioic acid (PFDeDA), its salts [^]	307-78-8	-	mg/kg	0.010	ND
9H-Perfluorononanoic acid (9H-PFNA), its salts [^]	76-21-1	-	mg/kg	0.100	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
1,1,2,2,3,3-Hexafluoropropane-1,3-disulfonimide (HFPDSI), its salts [^]	84246-29-7	-	mg/kg	0.010	ND

Notes:

(1) [^]=Substances refer to its salts/derivative listed in below table.

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



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Substances Name	CAS No.
Perfluorooctanesulfonic acid diethylamine salt (PFOS-C ₄ H ₁₁ N)	2205029-08-7
heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptadecafluorooctane-1-sulfonate (PFOS-C ₁₅ H ₃₀ NO ₂)	1203998-97-3
Perfluorooctane sulfonic anhydride (PFOSAN)	423-92-7
Perfluoro-1-octanesulfonyl chloride (PFOS-Cl)	423-60-9
FOSAA, its salts	
Perfluorooctane sulfonamidoacetic Acid (FOSAA)	2806-24-8
N-[(Perfluorooctyl)sulfonyl]glycinate (FOSAA(anion))	909405-47-6
N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)	75260-69-4
N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na)	115716-87-5
N-MeFOSAA, its salts	
N-Methylperfluoro-1-octanesulfonamidoacetic Acid (N-MeFOSAA)	2355-31-9
2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA(anion))	909405-48-7
Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K)	70281-93-5
Cyclo-hexachloro (N-methyl- (N-(perfluorooctylsulphonyl) glycinato-O1:O1')) dihydroxytrichromium	97298-47-0
N-EtFOSAA, its salts	
N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA)	2991-50-6
Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)	2991-51-7
2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA(anion))	909405-49-8
Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-NH ₄)	2991-52-8
Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)	3871-50-9
Diaquatetrachloro[μ-[N-ethyl-N-[(perfluorooctyl)sulfonyl]glycinato-O1:O1']]-μ-hydroxybis[2-methylpropanol]dichromium	68891-96-3
PFOSA, its salts	
Perfluorooctane Sulfonamide (PFOSA)	754-91-6
Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)	76752-79-9
Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)	76752-78-8
Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)	76752-70-0
Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH ₄)	76752-72-2
Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-C ₆ H ₁₅ N)	76752-82-4



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Substances Name	CAS No.
PFOA, its salts & derivatives	
Perfluorooctanoic acid (PFOA)	335-67-1
Sodium perfluorooctanoate (PFOA-Na)	335-95-5
Potassium perfluorooctanoate (PFOA-K)	2395-00-8
Silver perfluorooctanoate (PFOA-Ag)	335-93-3
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
Lithium perfluorooctanoate (PFOA-Li)	17125-58-5
Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6
Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9
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
Pentadecafluorooctanoic acid--piperazine (2/1) (PFOA-NH(C ₄ H ₁₀ N))	423-52-9
Pentadecafluorooctanoate (anion)	45285-51-6
Perfluorooctanoic Anhydride	33496-48-9
N,N,N-Triethylethanaminium perfluorooctanoate	98241-25-9
Perfluorooctanoate N,N,N-Trimethylmethanaminium	32609-65-7
Tetrapropylammonium perfluorooctanoate	277749-00-5
Potassium pentadecafluorooctanoate--water (1/1/2) (PFOA-K(H ₂ O) ₂)	98065-31-7
Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C ₂ H ₇ N)	1376936-03-6
Pentadecafluorooctanoic acid--pyridine (1/1) (PFOA-C ₅ H ₅ N)	95658-47-2
pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA-C ₁₀ H ₁₄ N ₂)	1514-68-7
N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate (PFOA-C ₁₁ H ₂₆ N)	927835-01-6
Pentadecafluorooctanoyl chloride (PFOA-Cl)	335-64-8
Perfluorooctanoyl Bromide (PFOA-Br)	222037-87-8
8:2 FTS, its salts	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4
Potassium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-K)	438237-73-1
Ammonium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-NH ₄)	149724-40-3
Sodium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-Na)	27619-96-1
2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS(anion))	481071-78-7
2-(Perfluorooctyl)ethanesulfonyl chloride (8:2 FTS-Cl)	27619-90-5
8:2 FTCA, its salts	
2H,2H-Perfluorodecane Acid (8:2 FTCA)	27854-31-5



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Substances Name	CAS No.
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C ₄ H ₉) ₄)	882489-14-7
8:2diPAP, its salts	
Bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2diPAP)	678-41-1
Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-Na)	114519-85-6
Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate	57677-97-1
Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt (8:2 diPAP-NH ₄)	93776-20-6
8:2 Fluorotelomer phosphate diester ion (1-)	1411713-91-1
8:3 FTCA, its salts	
2H,2H,3H,3H-Perfluoroundecanoic acid (8:3 FTCA)	34598-33-9
Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K)	83310-58-1
2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-Li)	67304-23-8
8:8 PFPI, its salts	
8:8 Perfluorophosphinic acid (8:8 PFPI)	40143-79-1
Bis(heptafluorooctyl)phosphinic Acid Sodium Salt (8:8 PFPI-Na)	500776-69-2
Bis(perfluorooctyl) phosphinic acid erbium(3+) salt (8:8 PFPI-Er)	500776-70-5
Bis(perfluorooctyl) phosphinic acid ytterbium(3+) salt (8:8 PFPI-Yb)	500776-71-6
8:2 monoPAP, its salts	
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP)	57678-03-2
8:2 Fluorotelomer diammonium phosphate	93857-44-4
Disodium 1H,1H,2H,2H-perfluorodecylphosphate	438237-75-3
Ammonium bis[2-(perfluorohexyl)ethyl] phosphate	1764-95-0
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt	92401-44-0
Sodium 1H,1H,2H,2H-perfluorooctylphosphate	144965-22-0
Monopotassium monoperfluorohexyl ethylphosphate	150033-28-6
Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate	2353-52-8
PFNA, its salts	
Perfluorononane Acid (PFNA)	375-95-1
Perfluorononanoate Na-Salt (PFNA-Na)	21049-39-8
Nonanoic acid, heptafluoro-, ammonium salt (PFNA-NH ₄)	4149-60-4
Potassium perfluorononanoate (PFNA-K)	21049-38-7
Perfluorononanoate Li-Salt (PFNA-Li)	60871-92-3
Silver perfluorononanoate (PFNA-Ag)	7358-16-9



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Substances Name	CAS No.
Methanaminium perfluorononanoate (PFNA-NH ₃ (CH ₃))	77032-23-6
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1) (PFNA-NH ₂ (C ₂ H ₅) ₂)	77032-27-0
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
Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)	327176-80-7
Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH ₂ (C ₅ H ₁₀))	95682-66-9
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH ₃ (C ₆ H ₅))	95682-67-0
Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-NH ₃ (C ₆ H ₁₁))	328531-06-2
Perfluorononanoate (anion)	72007-68-2
4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C ₁₁ H ₁₂ N ₄ O ₃ S)	298703-33-0
Perfluorononanoic anhydride (PFNAA)	228407-54-3
Perfluorononanoyl chloride (PFNA-Cl)	52447-23-1
Perfluorononanoyl fluoride (PFNA-F)	558-95-2
Heptadecafluorononanoyl Bromide (PFNA-Br)	261503-42-8
PFDA, its salts	
Perfluorodecane Acid (PFDA)	335-76-2
Sodium perfluorodecanoate (PFDA-Na)	3830-45-3
Perfluorodecanoate ammonium salt (PFDA-NH ₄)	3108-42-7
Potassium perfluorodecanoate (PFDA-K)	51604-85-4
Silver perfluorodecanoate (PFDA-Ag)	5784-82-7
Lithium perfluorodecanoate (PFDA-Li)	84743-32-8
Perfluorodecanoate (anion)	73829-36-4
Perfluorodecanoic anhydride (PFDA)	942199-24-8
Nonadecafluorodecanoyl chloride (PFDA-Cl)	307-38-0
Nonadecafluorodecanoyl Fluoride (PFDA-F)	--
PFUnDA, its salts	
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8
Perfluoroundecanoic acid sodium salt (PFUnDA-Na)	60871-96-7
Ammonium perfluoroundecanoate (PFUnDA-NH ₄)	4234-23-5
Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8
Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2
Perfluoroundecanoate (anion)	196859-54-8
PFDODA, its salts	
Perfluorododecanoic Acid (PFDODA)	307-55-1



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Substances Name	CAS No.
Ammonium tricosafuorododecanoate (PFDoDA-NH ₄)	3793-74-6
Perfluorododecanoate (anion)	171978-95-3
Sodium perfluoro-n-dodecanoic acid (PFDoDA-Na)	307-67-5
PFTrDA, its salts	
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8
Ammonium perfluorotridecanoate (PFTrDA-NH ₄)	4288-72-6
Sodium perfluorotridecanoate (PFTrDA-Na)	60872-01-7
Perfluorotridecanoate (anion)	862374-87-6
PFTDA, its salts	
Perfluorotetradecanoic Acid (PFTDA)	376-06-7
Perfluorotetradecanoate (anion)	365971-87-5
PFDS, its salts	
Perfluorodecane sulfonic acid (PFDS)	335-77-3
Sodium perfluorodecanesulfonate (PFDS-Na)	2806-15-7
Potassium perfluorodecanesulfonate (PFDS-K)	2806-16-8
Ammonium perfluorodecanesulfonate (PFDS-NH ₄)	67906-42-7
Perfluorodecane sulfonate (anion)	126105-34-8
Perfluorodecane sulfonic anhydride (PFDSA)	51667-62-0
Perfluorodecanesulphonyl fluoride (PFDS-F)	307-51-7
Perfluorodecanesulphonyl chloride (PFDS-Cl)	32779-61-6
10:2 FTS, its salts	
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium (10:2 FTS-Na)	108026-35-3
2-(Perfluorodecyl)ethane-1-sulfonyl chloride (10:2 FTS-Cl)	27619-91-6
PFNS, its salts	
Perfluoro nonane sulfonic acid (PFNS)	68259-12-1
Sodium perfluoro-1-nonanesulfonate (PFNS-Na)	98789-57-2
ammonium nonadecafluorononanesulphonate (PFNS-NH ₄)	17202-41-4
Potassium perfluorononanesulfonate (PFNS-K)	29359-39-5
Perfluorononane sulfonate (anion)	474511-07-4
Perfluorononanesulfonyl fluoride (PFNS-F)	68259-06-3
PFUnDS, its salts	
Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1
Perfluoroundecanesulfonate (anion)	441296-91-9
PFDods, its salts	
Perfluorododecanesulfonic acid (PFDods)	79780-39-5
Sodium perfluoro-1-dodecanesulfonate (PFDods-Na)	1260224-54-1
Potassium perfluorododecanesulfonate (PFDods-K)	85187-17-3



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Substances Name	CAS No.
Perfluorododecane sulfonate (anion)	343629-43-6
PFTTrDS, its salts	
Perfluorotridecane sulfonic acid (PFTTrDS)	791563-89-8
Sodium perfluoro-1-tridecanesulfonate (PFTTrDS-Na)	174675-49-1
10:2 diPAP, its salts	
10:2 Fluorotelomer phosphate diester (10:2 diPAP)	1895-26-7
Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-C ₄ H ₁₁ O ₂)	57677-98-2
10:2 monoPAP, its salts	
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP)	57678-05-4
10:2 Fluorotelomer diammonium dihydrogen phosphate	93857-45-5
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,12-Henicosafuorododecyl dihydrogen phosphate cyclohexylamine	2514858-66-1
PFHxS, its salts & derivatives	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4
Perfluorohexanesulfonate Na-salt (PFHxS-Na)	82382-12-5
Perfluorohexanesulfonate K-salt (PFHxS-K)	3871-99-6
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
Ammonium perfluorohexane-1-sulphonate (PFHxS-NH ₄)	68259-08-5
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
N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate(PFHxS-N(C ₄ H ₉) ₄)	108427-54-9
N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate(PFHxS-N(C ₂ H ₅) ₄)	108427-55-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1) (PFHxS-NC ₄ H ₉)	1187817-57-7
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (Calculated in terms of PFHxS) (PFHxS-(NC ₁₀ H ₁₄) ₃ C ₅ H ₄)	1310480-24-0
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-(NC ₈ H ₁₀) ₂ C ₁₃ H ₁₂)	1310480-27-3
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-(NC ₈ H ₁₀) ₂ C ₁₇ H ₁₂)	1310480-28-4



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Substances Name	CAS No.
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
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
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
Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-C ₄₄ H ₃₇ N ₂ O ₂)	1462414-59-0
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-I(C ₆ H ₅) ₂)	153443-35-7
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
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
Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	213740-81-9
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
Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-S(C ₇ H ₇) ₂ C ₆ H ₅)	341548-85-4
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
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
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
Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)(PFHxS-S ₃ (C ₆ H ₅) ₄ (C ₆ H ₄) ₂)	421555-73-9
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 acid (PFHxS-I(C ₆ H ₄) ₂ (C ₅ H ₁₁))	421555-74-0
Perfluorohexanesulphonyl fluoride (PFHxS-F)	423-50-7



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Substances Name	CAS No.
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-S(C ₆ H ₄) ₃ (C ₄ H ₉) ₃)	425670-70-8
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (PFHxS-Zn)	70136-72-0
Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)(PFHxS-NH(C ₂ H ₅ O) ₂)	70225-16-0
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)(PFHxS-N(C ₂ H ₅) ₃)	72033-41-1
Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI) (PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	866621-50-3
Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-S(C ₆ H ₅) ₂ C ₇ H ₇)	910606-39-2
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 ₆ H ₅) ₂ C ₁₀ H ₉ O ₂)	911027-68-4
1-Hexanesulfonic acid, 9,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1) (PFHxS-Cs)	92011-17-1
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
Perfluorohexylsulfonyl chloride (PFHxS-Cl)	55591-23-6
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate (PFHxS-Sulfonium, propenoate polymer)	911027-69-5
Perfluorohexane sulfonate (anion)	108427-53-8
Tetrabutylphosphonium perfluorohexane sulfonate (PFHxS-P (C ₄ H ₉) ₄)	2310194-12-6
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
Potassium N-ethyl-n-[(tridecafluorohexyl)sulfonyl]glycinate (EtFHxSAA-K)	67584-53-6
Sodium N-ethyl-N-((tridecafluorohexyl)sulphonyl)glycinate (EtFHxSAA-Na)	68555-70-4



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Substances Name	CAS No.
PFHxA, its salts & derivatives	
Perfluorohexane Acid (PFHxA)	307-24-4
Ammonium perfluorohexanoate (APFHx)	21615-47-4
Sodium perfluorohexanoate (PFHxA-Na)	2923-26-4
Potassium perfluorohexanoate (PFHxA-K)	3109-94-2
Perfluorohexanoyl fluoride (PFHxA-F)	355-38-4
Silver perfluorohexanoate (PFHxA-Ag)	336-02-7
Lithium perfluorohexanoate (PFHxA-Li)	90430-61-8
Perfluorohexanoic anhydride	308-13-4
Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8Cl,9Cl)	423-47-2
Perfluorohexanoate (anion)	92612-52-7
Perfluorohexanoyl chloride (PFHxA-Cl)	335-53-5
Perfluorohexanoyl bromide (PFHxA-Br)	1404193-66-3
Undecafluorohexanoic acid--hexan-1-amine (1/1) (PFHxA-C ₆ H ₁₅ N)	565225-91-4
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
6:2 FTS, its salts	
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS)	27619-97-2
Sodium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-Na)	27619-94-9
Potassium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-K)	59587-38-1
Ammonium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-NH ₄)	59587-39-2
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
2-(Perfluorohexyl)ethane-1-sulfonate (6:2FTS(anion))	425670-75-3
2-(Perfluorohexyl)ethanesulfonyl chloride (6:2 FTS-Cl)	27619-89-2
2-(Perfluorohexyl)ethanesulfonyl fluoride (6:2 FTS-F)	--
6:2 monoPAP, its salts	
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP)	57678-01-0
Diammonium 6:2 fluorotelomer phosphate monoester (6:2 monoPAP-NH ₄ NH ₄)	1000852-37-8
6:2 FTPA, its salts	
Perfluorohexyl ethylphosphonic acid (6:2 FTPA)	252237-40-4
Tridecafluorooctyl-phosphonic acid sodium salt (1:1) (Cheminox FHP ₂ OH-Na(PFHXP-Na))	1189052-95-6
6:6 PFPI, its salts	
6:6 Perfluorophosphinic acid (6:6 PFPI)	40143-77-9
Bis(perfluorohexyl)phosphinic acid sodium salt (6:6 PFPI-Na)	70609-44-8



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Substances Name	CAS No.
Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt (6:6 PFPi-Yb)	500776-72-7
Bis(perfluorohexyl) phosphinic acid erbium(3+) salt (6:6 PFPi-Er)	500776-73-8
PFBA, its salts	
Perfluorobutane Acid (PFBA)	375-22-4
Ammonium perfluorobutanoate (PFBA-NH ₄)	10495-86-0
Sodium perfluorobutanoate (PFBA-Na)	2218-54-4
Potassium heptafluorobutanoate (PFBA-K)	2966-54-3
Silver perfluorobutanoate (PFBA-Ag)	3794-64-7
Lithium perfluorobutanoate (PFBA-Li)	4146-76-3
Heptafluorobutanoic acid-piperazine (1:1)	375-04-2
Perfluorobutanoate (anion)	45048-62-2
4-Chlorobenzenediazonium perfluorobutanoate perfluorobutanoic acid (1:1:1) (PFBA-C ₆ H ₄ ClF ₆ N ₂ P)	--
Heptafluorobutanoic acid-1-phenylpiperazine (1:1) (PFBA-C ₁₀ H ₁₄ N ₂)	2263-11-8
Perfluorobutanoic anhydride (PFBAA)	336-59-4
Heptafluorobutanoic acid calcium salt (PFBA-Ca)	2366-98-5
Rhodium(II) perfluorobutyrate dimer (PFBA-Rh)	73755-28-9
Perfluorobutyryl chloride (PFBA-Cl)	375-16-6
Perfluorobutanoyl fluoride (PFBA-F)	335-42-2
Heptafluorobutanoyl Bromide (PFBA-Br)	375-13-3
4-Chlorobenzenediazonium perfluorobutanoate perfluorobutanoic acid (1:1:1)	--
N5-(5-Hydroxy-4,6-dimethylpyrimidin-2-yl)-L-ornithine-heptafluorobutanoic acid (1/2)	936233-19-1
PFBS, its salts & derivatives	
Perfluorobutanesulfonic acid (PFBS)	375-73-5
Perfluorobutanesulfonate K-salt (PFBS-K)	29420-49-3
Perfluorobutanesulfonic Acid Hydrate (PFBS-H ₂ O)	59933-66-3
lithium perfluorobutanesulfonate (PFBS-Li)	131651-65-5
Triphenyl Sulfonium Perfluorobutane Sulfonate (TPS-PFBS)	144317-44-2
Dimethyl(phenyl)sulfonium perfluorobutanesulfonate (PFBS-S(CH ₃) ₂ C ₆ H ₅)	220133-51-7
Tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate (PFBS-P(C ₄ H ₉) ₄)	220689-12-3
N,N,N,-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate(PFBS-N(C ₂ H ₅) ₄)	25628-08-4
Nonafluorobutanesulfonyl fluoride (PFBS-F)	375-72-4
Morpholinium perfluorobutanesulfonate (PFBS-NC ₄ H ₉ O)	503155-89-3



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Substances Name	CAS No.
Magnesium perfluorobutanesulfonate (PFBS-Mg)	507453-86-3
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate (PFBS-NH ₄)	68259-10-9
1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate (PFBS-SC ₁₈ H ₂₃ O)	209482-18-8
1,1,2,2,3,3,4,4,4-Nonafluorobutane-1-sulfonyl chloride (PFBS-Cl)	2991-84-6
Sodium perfluorobutanesulfonate (PFBS-Na)	60453-92-1
Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanesulfonate (PFBS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	194999-85-4
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid, compound with 2,2'-iminodiethanol (1:1) (PFBS-NH(C ₂ H ₅ O) ₂)	70225-18-2
Tetrabutylammonium nonafluorobutanesulfonate ((PFBS-N(C ₄ H ₉) ₄))	108427-52-7
Diphenyliodonium nonafluorobutane-1-sulfonate((PFBS-I(C ₆ H ₅) ₂))	194999-82-1
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	241806-75-7
Sulfonium, (4-cyclohexylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	425670-64-0
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
Pyridinium, 1-ethyl-3-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	1015420-87-7
1H-Imidazolium, 1-methyl-3-octyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	905972-83-0
1H-Imidazolium, 3-hexyl-1-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	1001557-05-6
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
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
1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	124472-66-8
1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1) (PFBS-Zn)	502457-69-4
1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	56773-55-8
Perfluorobutanesulfonic acid tetramethylammonium salt (PFBS-N(CH ₃) ₄)	25628-17-5



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Substances Name	CAS No.
1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, 1,1'-anhydride	36913-91-4
Perfluorobutane sulfonate (anion)	45187-15-3
1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate	EC: 468-770-4
Triethylammonium perfluorobutane sulfonate	182059-38-7
N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanesulfonate (1:1)	334529-55-4
1-Hexadecylpyridinium perfluoro-1-butanesulfonate	334529-62-3
1-Butylpyridinium perfluoro-1-butanesulfonate	334529-64-5
N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanesulfonate	495417-51-1
Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanesulfonic acid (1:1)	722538-68-3
N-Ethyl-N-methyl-N-propylammonium perfluorobutanesulfonate	1186599-90-5
[4-(2-Methylpropyl)phenyl]-diphenylsulfonium;1,1,2,2,3,3,4, 4,4-nonafluorobutane-1-sulfonate	1375211-36-1
Diphenyl 4-tertbutylphenylsulfonium nonafluorobutanesulfonate	258872-05-8
Diphenyl(4-methylphenyl)sulfonium nonafluorobutanesulfonate	284474-28-8
Trimethylsilyl nonafluorobutanesulfonate	68734-62-3
PFPeA, its salts	
Perfluoropentane Acid (PFPeA)	2706-90-3
Sodium perfluoropentanoate(PFPeA-Na)	2706-89-0
Potassium perfluoropentanoate (PFPeA-K)	336-23-2
Lithium perfluoropentanoate (PFPeA-Li)	198482-22-3
Silver perfluoropentanoate (PFPeA-Ag)	2795-30-4
Ammonium perfluoropentanoate(PFPeA-NH ₄)	68259-11-0
Perfluoropentanoate (anion)	45167-47-3
Nonafluoropentanoic acid -1-benzylthiourea (1:1) (PFPeA-C ₈ H ₁₀ N ₂ S)	64808-55-5
Perfluoropentanoic anhydride (PFPeAA)	308-28-1
Perfluoropentanoyl chloride (PFPeA-Cl)	375-60-0
Perfluoropentanoyl fluoride (PFPeA-F)	375-62-2
Nonafluoropentanoyl bromide (PFPeA-Br)	159623-35-5
HPFHpA, its salts	
7H-Dodecanefluoroheptane Acid (HPFHpA)	1546-95-8
Sodium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Na)	2264-25-7
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-NH ₄)	376-34-1



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Substances Name	CAS No.
7-H-Perfluoroheptanoate (HPFHpA(anion))	69681-35-2
Potassium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-K)	--
Lithium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Li)	--
7H-Perfluoroheptanoyl chloride (HPFHpA-Cl)	41405-35-0
7H-Perfluoroheptanoyl fluoride (HPFHpA-F)	5927-65-1
7H-Perfluoroheptanoyl bromide (HPFHpA-Br)	141893-84-7
PFHpS, its salts	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8
Perfluoroheptanesulfonate Na-salt (PFHpS-Na)	21934-50-9
Potassium Perfluoroheptanesulfonate (PFHpS-K)	60270-55-5
Ammonium perfluoroheptanesulfonate (PFHpS-NH ₄)	68259-07-4
Lithium perfluoroheptanesulfonate (PFHpS-Li)	117806-54-9
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
Perfluoroheptane sulfonate (anion)	146689-46-5
Triethylammonium perfluoroheptane sulfonate	72033-40-0
Tetraethylammonium perfluoroheptane sulfonate	439863-97-5
Perfluoroheptane sulfonic anhydride (PFHpSA)	140429-92-1
Perfluoroheptanesulfonyl fluoride (PFHpS-F)	335-71-7
Perfluoroheptanesulfonyl chloride(PFHpS-Cl)	33018-82-5
PFHpA, its salts	
Perfluoroheptane Acid (PFHpA)	375-85-9
Sodium perfluoroheptanoate (PFHpA-Na)	20109-59-5
Potassium perfluoroheptanoate (PFHpA-K)	21049-36-5
Ammonium perfluoroheptanoate (PFHpA-NH ₄)	6130-43-4
Cesium perfluoroheptanoate (PFHpA-Cs)	171198-24-6
Silver perfluoroheptanoate (PFHpA-Ag)	424-05-5
Lithium perfluoroheptanoate (PFHpA-Li)	60871-90-1
Perfluoroheptanoate (anion)	120885-29-2
Perfluoroheptanoic anhydride (PFHpAA)	78225-99-7
Perfluoroheptanoyl chloride (PFHpA-Cl)	52447-22-0
Perfluoroheptanoyl fluoride (PFHpA-F)	375-84-8
HFPO-DA, its salts & derivatives	
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid (HFPO-DA)	13252-13-6
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, ammonium salts (HFPO-DA-NH ₄)	62037-80-3



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Substances Name	CAS No.
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, K- salts (HFPO-DA-K)	67118-55-2
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its acyl halides (HFPO-DA-F)	2062-98-8
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-	75579-39-4
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-	75579-40-7
Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	67963-75-1
Perfluoro(2-propoxypropanoate)	122499-17-6
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid--N-propylpropan-1-amine (1/1)	165951-17-7
Triethylaminium perfluoro-2-propoxypropanoate	165951-18-8
4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	298703-31-8
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 ₃ NO ₂)	2412106-69-3
4:2 FTS, its salts	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4
1H,1H,2H,2H-perfluorohexane sulfonate acid sodium salt	27619-93-8
4:2 Fluorotelomer sulfonate (4:2 FTS(anion))	414911-30-1
5:3 FTCA, its salts	
3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3
2H,2H,3H,3H-Perfluorooctanoate (5:3 FTCA(anion))	1799325-94-2
PFPeS, its salts	
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4
Sodium perfluoro-1-pentanesulfonate (PFPeS-Na)	630402-22-1
Potassium perfluoropentane-1-sulphonate (PFPeS-K)	3872-25-1
Ammonium perfluoropentanesulfonate (PFPeS-NH ₄)	68259-09-6
Bis(2-hydroxyethyl) ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate	70225-17-1
Undecafluoropentane-1-sulfonic acid lithium salt (PFPeS-Li)	1046864-81-6
Perfluoropentane sulfonate (anion)	175905-36-9
Triethylammonium perfluoropentane sulfonate	72033-42-2
Perfluoropentane sulfonic anhydride (PFPeSA)	161877-72-1
PFHxDA, its salts	
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5
Hentriacontafuorohexadecanoate anion (PFHxDA(anion))	1214264-30-8
PFODA, its salts	
Perfluorooctadecanoic Acid (PFODA)	16517-11-6
Perfluorooctadecanoate anion (PFODA(anion))	798556-82-8



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Substances Name	CAS No.
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	--
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	--
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	--
ADONA, its salts	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4
Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA-NH ₄)	958445-44-8
Sodium 4,8-dioxa-3H-perfluorononanoate (ADONA-Na)	2250081-67-3
Potassium 2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA-K)	1087271-46-2
2,2,3-Trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA (anion))	2127366-90-7
PFMPA, its salts	
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1
Perfluoro-3-methoxypropanoic anhydride (PFMPAA)	42566-65-4
9CI-PF₃ONS, its salts	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF ₃ ONS)	756426-58-1
Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9CI-PF ₃ ONS-K)	73606-19-6
Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate (9CI-PF ₃ ONS-NH ₄)	1383434-28-3
Perfluoro(2-[(6-chlorohexyl)oxy]ethanesulfonate) (9CI-PF ₃ ONS(anion))	1621485-21-9
11CI-PF₃OUdS, its salts	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF ₃ OUdS)	763051-92-9
Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11CI-PF ₃ OUdS-K)	83329-89-9
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 (11CI-PF ₃ OUdS (anion))	2196242-82-5
PFEESA, its salts	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7
Potassium perfluoro(2-ethoxyethane) sulfonate (PFEESA-K)	117205-07-9



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Substances Name	CAS No.
Sodium perfluoro(2-ethoxyethane) sulfonate (PFEEESA-Na)	113507-87-2
3:3 FTCA, its salts	
3-Perfluoropropyl propanoic acid (3:3 FTCA)	356-02-5
4,4,5,5,6,6,6-Heptafluorohexanoate (3:3 FTCA(anion))	1169706-83-5
Sodium 3-(perfluoropropyl)propanoate (3:3 FTCA-Na)	1207462-13-2
PFPeDA, its salts	
Pentadecanoic acid, nonacosafuoro (PFPeDA)	141074-63-7
Nonacosafuoropentadecanoate (PFPeDA(anion))	1214264-29-5
PFBSA, its salts	
Perfluorobutane sulfonamides (PFBSA)	30334-69-1
Nonafluorobutanesulfonamide ammonia salt (PFBSA-NH ₄)	131003-86-6
Potassium (perfluorobutanesulfonyl)azanide (PFBSA-K)	289042-19-9
11H-PFUnDA, its salts	
11H-Perfluoroundecanoic acid (11H-PFUnDA)	1765-48-6
Potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafuoroundecanoate (11H-PFUnDA-K)	307-71-1
Ammonium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafuoroundecanoate (11H-PFUnDA-NH ₄)	5081-02-7
11-H-Perfluoroundecanoate (11H-PFUnDA(anion))	69681-37-4
PFPrA, its salts	
Pentafluoropropionic acid (PFPrA)	422-64-0
Sodium pentafluoropropionate (PFPrA-Na)	378-77-8
Silver pentafluoropropionate (PFPrA-Ag)	509-09-1
Potassium pentafluoropropionate (PFPrA-K)	378-76-7
Ammonium pentafluoropropionate (PFPrA-NH ₄)	2730-58-7
Perfluoropropionate (PFPrA(anion))	44864-55-3
Pentafluoropropionic acid-1-phenylpiperazine (1/1) (PFPrA-C ₁₀ H ₁₄ N ₂)	893-87-8
Pentafluoropropionic acid-piperazine (1/1) (PFPrA-C ₄ H ₁₀ N ₂)	1690-94-4
Imidazole perfluoropropionic acid salt (PFPrA-C ₃ H ₄ N ₂)	200705-90-4
HFPO-TA, its salts	
Hexafluoropropylene oxide trimer acid (HFPO-TA)	13252-14-7
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
Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid, sodium salt (HFPO-TA-Na)	67963-76-2
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
Perfluoro(2,5-dimethyl-3,6-dioxanonanoyl) fluoride (HFPO-TA-F)	2641-34-1



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Substances Name	CAS No.
Triethylaminium perfluoro-2-(2- propoxypropoxy)propanoate (HFPO-TA-NH(C ₂ H ₅) ₃)	165951-19-9
Methanaminium perfluoro-2-(2- propoxypropoxy)propanoate	328065-29-8
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
PFEtS, its salts	
Perfluoroethane sulfonic acid (PFEtS)	354-88-1
Pentafluoroethanesulfonate (PFEtS (anion))	108410-37-3
Potassium pentafluoroethane-1-sulfonate (PFEtS-K)	2837-92-5
6:2 diPAP, its salts	
6:2 Fluorotelomer phosphate diester (6:2 diPAP)	57677-95-9
Sodium bis[2-(perfluorohexyl)ethyl]phosphate (6:2 diPAP-Na)	407582-79-0
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
TFSI, its salts	
Bis(trifluoromethane)sulfonimide (TFSI)	82113-65-3
1-Butyl-1-methylpyrrolidinium Bis(trifluoromethanesulfonyl)imide	223437-11-4
Tributylmethylammonium Bis(trifluoromethanesulfonyl)imide	405514-94-5
Lithium Bis(trifluoromethane)sulfonimide (TFSI-Li)	90076-65-6
1-Decyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide	433337-23-6
Zinc(II) Bis(trifluoromethanesulfonyl)imide ((TFSI) ₂ -Zn)	168106-25-0
Manganese(II) Bis(trifluoromethanesulfonyl)imide ((TFSI) ₂ -Mn)	207861-55-0
Nickel bis(trifluoromethylsulfonyl)imide ((TFSI) ₂ -Ni)	207861-63-0
Copper(II) Bis(trifluoromethanesulfonyl)imide ((TFSI) ₂ -Cu)	162715-14-2
(OC-6-11)-Tris(1,1,1-trifluoro-N-((trifluoromethyl)sulfonyl-kappaO)methanesulfonamidato-kappaO)iron ((TFSI) ₃ -Fe)	207861-59-4
Copper(II) trifluoromethanesulfonimide hydrate ((TFSI) ₂ -CuH ₂ O)	1334406-76-6
Silver Bis(trifluoromethanesulfonyl)imide (TFSI-Ag)	189114-61-2
Copper bis(trifluoromethylsulfonyl)imide (TFSI-Cu)	291300-50-0
Barium(II) Bis(trifluoromethanesulfonyl)imide ((TFSI) ₂ -Ba)	168106-22-7
Strontium bis(trifluoromethylsulfonyl)imide	862121-57-1
1-Methylimidazole Bis(trifluoromethanesulfonyl)imide	353239-08-4
1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	174899-82-2
1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide	169051-76-7
Magnesium bis(trifluoromethylsulfonyl)imide (TFSI-Mg)	133395-16-1
1-Methyl-3-propylimidazolium Bis(trifluoromethanesulfonyl)imide	216299-72-8
1-Butyl-1-methylpiperidinium bis(trifluoromethylsulfonyl)imide	623580-02-9
1-Methyl-3-n-octylimidazolium Bis(trifluoromethanesulfonyl)imide	178631-04-4



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Substances Name	CAS No.
Tris[bis(trifluoromethylsulfonyl)amino] ytterbium ((TFSI) ₃ -Yb)	175438-43-4
Butyltrimethylammonium bis(trifluoromethylsulfonyl)imide	258273-75-5
Cobalt bis(trifluoromethylsulfonyl)imide ((TFSI) ₂ -Co)	207861-61-8
Potassium Bis(trifluoromethanesulfonyl)imide (TFSI-K)	90076-67-8
1-Methyl-1-propylpiperidin-1-ium Bis((trifluoromethyl)sulfonyl)amide	608140-12-1
1-Ethyl-2,3-dimethylimidazolium Bis(trifluoromethanesulfonyl)imide	174899-90-2
1-Methyl-1-propylpyrrolidinium Bis(trifluoromethanesulfonyl)imide	223437-05-6
1,1,1-trifluoro-N-trifluoromethanesulfonyl-N-((N-trifluoromethanesulfonyltrifluoromethanesulfonamido)calcio)methanesulfonamide ((TFSI) ₂ -Ca)	165324-09-4
Choline bis(trifluoromethylsulfonyl)imide	827027-25-8
1-Dodecyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imide	404001-48-5
1-Ethyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide	223436-99-5
Diethylmethylsulfonium bis(trifluoromethylsulfonyl)imide	792188-85-3
Bis(trifluoromethylsulfonyl)azanide;mercury(2+) ((TFSI) ₂ -Hg)	104715-41-5
Cerium(III) Bis(trifluoromethanesulfonyl)imide (TFSI-Ce)	1046099-39-1
Cadmium bis[bis((trifluoromethyl)sulfonyl)azanide} (TFSI-Cd)	1263295-73-3
Bis(trifluoromethanesulfonyl)imide Lanthanum(III) Salt (TFSI-La)	168106-26-1
Scandium(III) bis(trifluoromethylsulfonyl)imide (TFSI-Sc)	176726-07-1
Yttrium(III) bis(trifluoromethanesulfonyl)imide (TFSI-Y)	189114-86-1
Vanadium tris(bis(trifluoromethanesulfon)imide) (TFSI-V)	207861-54-9
Iron(II) bis(trifluoromethanesulfonyl)imide (TFSI-Fe)	207861-57-2
Tin(II) bis(trifluoromethylsulfonyl)imide (TFSI-Sn)	460096-08-6
Cesium bis(trifluoromethanesulfonyl)imide (TFSI-Cs)	91742-16-4
Sodium bis(trifluoromethanesulfonyl)imide (TFSI-Na)	91742-21-1
TFMS, its salts	
Trifluoromethane sulfonic acid (TFMS)	1493-13-6
Trifluoromethane sulfonic acid Sodium salt (TFMS-Na)	2926-30-9
Silver trifluoromethanesulfonate (TFMS-Ag)	2923-28-6
Zinc trifluoromethanesulfonate (TFMS-Zn)	54010-75-2
Scandium trifluoromethanesulfonate (TFMS-Sc)	144026-79-9
Trifluoromethanesulfonic anhydride	358-23-6
Lithium trifluoromethanesulfonate (TFMS-Li)	33454-82-9
Copper(II) trifluoromethanesulfonate (TFMS-Cu)	34946-82-2
Barium trifluoromethanesulfonate (TFMS-Ba)	2794-60-7
Cerium(IV) trifluoromethanesulfonate (TFMS-Ce)	107792-63-2



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Substances Name	CAS No.
Magnesium trifluoromethanesulfonate (TFMS-Mg)	60871-83-2
Potassium trifluoromethanesulfonate (TFMS-K)	2926-27-4
Nickel(II) Trifluoromethanesulfonate (TFMS-Ni)	60871-84-3
Tin(II) trifluoromethanesulfonate (TFMS-Sn)	62086-04-8
Yttrium(III) trifluoromethanesulfonate (TFMS-Y)	52093-30-8
Iron(III) trifluoromethanesulfonate (TFMS-Fe)	63295-48-7
Cerium(III) Trifluoromethanesulfonate (TFMS-Ce)	76089-77-5
Tetrabutylammonium trifluoromethanesulfonate	35895-70-6
Methyltriethylammonium trifluoromethanesulfonate	121107-18-4
Imidazole trifluoromethanesulfonate	29727-06-8
Trifluoroacetyl Trifluoromethanesulfonate	68602-57-3
Lanthanum(III) trifluoromethanesulfonate(TFMS-La)	52093-26-2
Indium(III) trifluoromethanesulfonate(TFMS-In)	128008-30-0
Samarium(III) trifluoromethanesulfonate(TFMS-Sm)	52093-28-4
Ytterbium(III) trifluoromethanesulfonate(TFMS-Yb)	54761-04-5
Thulium(III) trifluoromethanesulfonate(TFMS-Tm)	141478-68-4
Tetraethylammonium trifluoromethanesulfonate	35895-69-3
1-Fluoro-3,5-dichloropyridinium triflate	107264-06-2
Triethylamine salt of trifluoromethanesulfonic acid	646-58-2
Triphenylphosphonium anhydride triflate	72450-51-2
N,N-Diethyl-6-(diethylamino)-9-(2-(methoxycarbonyl)phenyl)-3H-xanthene-3-ylideneammonium trifluoromethanesulfonate	120611-30-5
Diphenylammonium Trifluoromethanesulfonate	164411-06-7
1-(3-aminoazetidin-1-yl)prop-2-en-1-one, trifluoromethanesulfonic acid	2060047-56-3
Guanidine trifluoromethanesulfonic acid	153756-25-3
Trifluoromethanesulfonic acid--1-ethyl-1H-imidazole (1/1)	501693-46-5
Ruthenium(3+), (OC-6-22)-, salt with trifluoromethanesulfonic acid (1:3)	74468-24-9
O-Pivaloylhydroxylamine trifluoromethanesulfonate	1293990-73-4
Trifluoromethanesulfonyl chloride	421-83-0
(2-Pyridylmethyl)sulfonyl chloride triflate	882564-09-2
Trifluoromethanesulfonyl bromide	15458-53-4
Mercury(II) trifluoromethanesulfonate(TFMS-Hg)	49540-00-3
Dysprosium(III) tris(trifluoromethanesulfonate)(TFMS-Dy)	139177-62-1
Manganese bis(trifluoromethanesulfonate)(TFMS-Mn)	55120-76-8
Pentaammine(trifluoromethanesulfonato)osmium(III) triflate()	83781-30-0
Lutetium(III) trifluoromethanesulfonate(TFMS-Lu)	126857-69-0
Terbium(III) trifluoromethanesulfonate(TFMS-Tb)	148980-31-8



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Substances Name	CAS No.
Neodymium(III) trifluoromethanesulfonate(TFMS-Nd)	34622-08-7
Ammonium trifluoromethanesulfonate(TFMS-NH ₄)	38542-94-8
Holmium(III) trifluoromethanesulfonate(TFMS-Ho)	139177-63-2
Trifluoromethanesulfonate	37181-39-8
Praseodymium(III) trifluoromethanesulfonate(TFMS-Pr)	52093-27-3
Bismuth(III) trifluoromethanesulfonate(TFMS-Bi)	88189-03-1
Europium(III) trifluoromethanesulfonate(TFMS-Eu)	52093-25-1
Erbium(III) trifluoromethanesulfonate(TFMS-Er)	139177-64-3
Gallium(III) trifluoromethanesulfonate(TFMS-Ga)	74974-60-0
N,N,N-Triethyl-2,2,2-trifluoroethan-1-aminium trifluoromethanesulfonate	380230-73-9
Methanesulfonic acid, trifluoro-, calcium salt(TFMS-Ga)	55120-75-7
Thallium(1+) trifluoromethanesulfonate(TFMS-Tl)	73491-36-8
Hafnium(IV) Trifluoromethanesulfonate(TFMS-Hf)	161337-67-3
1-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- Pentadecafluorooctyl)pyridinium trifluoromethanesulfonate	25061-59-0
Tetrapropylammonium trifluoromethanesulphonate (TFMS-N(C ₃ H ₇) ₄)	35925-48-5
(Heptafluoropropyl)(phenyl)iodanium trifluoromethanesulfonate	77758-79-3
Phenyl(tridecafluorohexyl)iodanium trifluoromethanesulfonate	77758-84-0
(Heptadecafluorooctyl)(phenyl)iodanium trifluoromethanesulfonate	77758-89-5
(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)(phenyl)iodanium trifluoromethanesulfonate	82959-18-0
Triethylmethylammonium triflate	90756-35-7
Pentafluoroanilinium trifluoromethanesulfonate	912823-79-1
Tributylmethylammonium trifluoromethanesulfonate	944557-37-3
PFPrS, its salts	
Perfluoropropanesulfonic acid (PFPrS)	423-41-6
Perfluoropropanesulfonic acid sodium salt (PFPrS-Na)	359868-82-9
PFHpSi, its salts	
Perfluoroheptane-1-sulfinic acid (PFHpSi)	769067-51-8
1-heptanesulfinic Acid Sodium Salt (PFHpSi-Na)	68555-66-8
PFOPA, its salts	
Perfluorooctyl phosphonic acid (PFOPA)	40143-78-0
(Heptadecafluorooctyl)phosphonic acid-4-methylaniline (1/1)	1263361-03-0
TFA, its salts	
Trifluoroacetic acid(TFA)	76-05-1
Sodium trifluoroacetate(TFA-Na)	2923-18-4



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Substances Name	CAS No.
Thallium(III) trifluoroacetate(TFA-Tl)	23586-53-0
Lithium Trifluoroacetate(TFA-Li)	2923-17-3
Silver trifluoroacetate(TFA-Ag)	2966-50-9
Cesium Trifluoroacetate(TFA-Cs)	21907-50-6
Potassium trifluoroacetate(TFA-K)	2923-16-2
Ammoniumtrifluoroacetate(TFA-NH4)	3336-58-1
Mercury(II) trifluoroacetate(TFA-Hg)	13257-51-7
Palladium(II) trifluoroacetate(TFA-Pd)	42196-31-6
Trifluoroacetate / Trifluoroacetic acid anion(TFA anion)	14477-72-6
Dimethyl[trifluoroacetyl]oxy)sulfanium trifluoroacetate	57738-66-6
Aluminium tris(trifluoroacetate)(TFA-Al)	36554-89-9
Barium bis(trifluoroacetate)(TFA-Ba)	60884-92-6
Erbium tris(trifluoroacetate)(TFA-Er)	70236-99-6
Indium trifluoroacetate(TFA-In)	36554-90-2
Lanthanum tris(trifluoroacetate)(TFA-La)	70236-92-9
Nickel(2+) trifluoroacetate(TFA-Ni)	16083-14-0
Lead(II) trifluoroacetate(TFA-Pb)	4146-73-0
Acetic acid, trifluoro-, rhodium(2+) salt(TFA-Rh)	72654-51-4
Thulium tris(trifluoroacetate)(TFA-Tm)	70237-00-2
Ytterbium(3+) tris(trifluoroacetate)(TFA-Yb)	87863-62-5
Zinc bis(trifluoroacetate)(TFA-Zn)	21907-47-1
Ruthenium(II) 2,2,2-trifluoroacetate(TFA-Ru)	61612-84-8
Magnesium 2,2,2-trifluoroacetate(TFA-Mg)	123333-72-2
Copper(2+) trifluoroacetate(TFA-Cu)	123333-88-0
Methyltrioctylammonium trifluoroacetate	121107-16-2
Chromium(3+) tris(trifluoroacetate)(TFA-Cr)	16712-29-1
Tetraethylammonium trifluoroacetate(TFA-N(C ₂ H ₅) ₄)	30093-29-9
Tetrabutylammonium trifluoroacetate(TFA-N(C ₄ H ₉) ₄)	39481-22-6
Europium(3+) trifluoroacetate-water (1/3/3)(TFA-Eu.H ₂ O)	94079-71-7
BETI, its salts	
Bis(pentafluoroethylsulfonyl)imide	152894-10-5
Lithium Bis(pentafluoroethanesulfonyl)imide	132843-44-8
Bis(perfluoroethylsulfonyl)imide anion	129318-46-3
Sodium bis((perfluoroethyl)sulfonyl)amide	152894-04-7
Potassium bis((perfluoroethyl)sulfonyl)amide	221203-22-1
1-Ethyl-3-methylimidazolium bis(perfluoroethylsulfonyl)imide	216299-76-2
PFDPA, its salts	
Perfluorodecylphosphonic acid (PFDPA)	52299-26-0
Perfluorodecylphosphonic Acid 4-Methylbenzamine	--



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Substances Name	CAS No.
Perfluorodecylphosphonic Acid Di-4-toluidine Salt	--
PFHxPA, its salts	
Perfluorohexyl phosphonic acid	40143-76-8
Perfluorohexylphosphonic Acid 4-Methylbenzamine	1263361-02-9
HFAC, its salts	
Hexafluoroacetylacetone (HFAC)	1522-22-1
Strontium hexafluoroacetylacetonate (HFAC-Sr)	121012-89-3
Calcium hexafluoroacetylacetonate (HFAC-Ca)	121012-90-6
Bismuth(III) hexafluoroacetylacetonate (HFAC-Bi)	141364-06-9
Nickel(2+) bis(1,1,1,5,5,5-hexafluoro-2,4-dioxopentan-3-ide) (HFAC-Ni)	14949-69-0
Copper(II) hexafluoroacetylacetonate hydrate (HFAC- Cu·H ₂ O)	155640-85-0
Thorium hexafluoroacetylacetonate (HFAC-Th)	18865-75-3
Yttrium hexafluoroacetylacetonate (HFAC-Y)	18911-76-7
Erbium(III) hexafluoroacetylacetonate hydrate (HFAC- Er·H ₂ O)	18923-92-7
Scandium(III) hexafluoroacetylacetonate (HFAC-Sc)	18990-42-6
Cobalt(2+) bis[(2Z)-1,1,1,5,5,5-hexafluoro-4-oxo-2-penten- 2-olate] (HFAC-Co)	19648-83-0
Magnesium bis(1,1,1,5,5,5-hexafluoro-4-oxo-2-penten-2- olate) (HFAC-Mg)	19648-85-2
Manganese(2+) bis[(2Z)-1,1,1,5,5,5-hexafluoro-4-oxo-2- penten- 2-olate] (HFAC-Mn)	19648-86-3
Sodium hexafluoroacetylacetonate (HFAC-Na)	22466-49-5
Caesium (2Z)-1,1,1,5,5,5-hexafluoro-4-oxo-2-penten-2- olate (HFAC-Cs)	22518-56-5
Barium hexafluoroacetylacetonate (HFAC-Ba)	314071-48-2
Indium hexafluoropentanedionate (HFAC-In)	34110-72-0
Tin(II) hexafluoroacetylacetonate (HFAC-Sn)	51319-99-4
Palladium(II) hexafluoroacetylacetonate (HFAC-Pd)	64916-48-9
PFTriODA, its salts	
Perfluoro-(2,5,8-trimethyl-3,6,9-trioxadodecanoic) acid (PFTriODA)	65294-16-8
Perfluoro-(2,5,8-trimethyl-3,6,9-trioxadodecanoic) acid potassium salt	67963-77-3
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)	--
PFDeDA, its salts	
Perfluorodecanedioic acid (PFDeDA)	307-78-8



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Substances Name	CAS No.
Disodium;2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorodecanedioate	--
Dilithium;2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorodecanedioate	--
9H-PFNA, its salts	
9H-Perfluorononanoic acid (9H-PFNA)	76-21-1
Sodium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--
Sodium 9-chloro-2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--
potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--
Potassium 9-chloroperfluorononanoate	1415963-94-8
Ammonium hexadecafluorononanoate	1868-86-6
Lithium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--
Lithium 9-chloro-2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-hexadecafluorononanoate	--
HFPDSI, its salts	
1,1,2,2,3,3-Hexafluoropropane-1,3-disulfonimide (HFPDSI)	84246-29-7
Potassium 1,1,2,2,3,3-Hexafluoropropane-1,3-disulfonimide (HFPDSI-K)	588668-97-7
Lithium 1,1,2,2,3,3-Hexafluoropropane-1,3-disulfonimide (HFPDSI-Li)	189217-62-7

- (2) Results of PFPeDA, PFHpDA, PFNDA, C₂₀ PFCA, C₂₁ PFCA were semi-quantified using a perfluoroalkanoic acid whose carbon-chain length is close to that of the analyte.
- (3) The target PFAS requirements summary as below table:

Items	Limit
Reference to European Regulation POPs (EU) 2025/718 amending Regulation (EU) 2019/1021 Annex I	
PFOA, its salts	25 ppb (0.025 mg/kg)
PFOA-related compounds	1 mg/kg (each or total)
PFOS, its salts	25 ppb (0.025 mg/kg)
PFOS-related compounds	1 mg/kg (total)
Reference to European Regulation POPs (EU) 2023/1608 amending Regulation (EU) 2019/1021 Annex I	
PFHxS, its salts	25 ppb (0.025 mg/kg)
PFHxS-related compounds	1 mg/kg (each or total)



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Items	Limit
Reference to European Regulation POPs (EU) 2019/1021 Annex I and its amendments (Draft)	
C9-C21 PFCA, their salts	25 ppb (0.025 mg/kg) (total)
C9-C21 PFCA-related substances	260 ppb (0.26 mg/kg) (total)
Reference to Entry 68 of Regulation (EU) 2021/1297 amending Annex XVII of REACH Regulation (EC) No 1907/2006	
C9-C14 PFCA, their salts	25 ppb (0.025 mg/kg) (total)
C9-C14 PFCA-related substances	260 ppb (0.26 mg/kg) (total)
Reference to Entry 79 of Regulation (EU) 2024/2462 amending Annex XVII of REACH Regulation (EC) No 1907/2006	
PFHxA, its salts	25 ppb (0.025 mg/kg) (total)
PFHxA-related compounds	1 mg/kg (total)
Other PFAS	
Information only	

Remark: 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.

Sample Photo:



Sample As Received

SGS authenticate the photo on original report only

End of Report



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