

Test Report

No.: HKF25100015

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PT. RIAU ANDALAN PAPERBOARD INTERNATIONAL

JALAN M.H THAMRIN NO. 31, DESA/KELURAHAN KEBON MELATI, KEC. TANAH ABANG, 10230 KOTA JAKARTA PUSAT

The following sample(s) was/were submitted and identified by/on behalf of the applicant as :

Sample Submitted By : PT. RIAU ANDALAN PAPERBOARD INTERNATIONAL
Sample Description : GENERAL PACKAGING BOARD
Sample Material : PAPERBOARD
Manufacturer/Vendor : PT. RIAU ANDALAN PAPERBOARD INTERNATIONAL
Buyer : DELFINA
Country of Origin : INDONESIA
Color : WHITE
Country of Destination : INDONESIA
Ref. No. : JAK24-0016401-0002

Sample Receiving Date : 2025/01/03
Testing Period : 2025/01/03 to 2025/01/14

Test Requested : As requested by the client, the risk of PFAS in the sample is evaluated. Testing 470 PFAS recommended by SGS Global and 7 PFAS exclusive to SGS Taiwan. Total amounts of evaluated PFAS are 477 items, concluding 145 tested items and 332 listed items.

Test Result(s) : Please refer to next page(s).

Ray Chang
Ray Chang, Ph.D. / Department Manager
Signed for and on behalf of
SGS Taiwan Ltd.
Chemical Laboratory-Kaohsiung



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JALAN M.H THAMRIN NO. 31, DESA/KELURAHAN KEBON MELATI, KEC. TANAH ABANG, 10230 KOTA JAKARTA PUSAT

Test Part Description

No.1 : WHITE PAPER

Test Result(s)

Test Item(s)	Method	Unit	RL	Result
				No.1
PFOS and its salts				
Perfluorooctane sulfonates and its salts (PFOS and its salts) (CAS No.1763-23-1 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
PFOS related compounds				
N-ethylperfluoro-1-octanesulfonamide (EtFOSA) (CAS No.4151-50-2)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
N-Methyl-Perfluorooctanesulfonamide (N-Me-FOSA) (CAS No.31506-32-8)		mg/kg	0.01	n.d.
N-Ethyl-Perfluorooctanesulfonamidoethanol (N-Et-FOSE alcohol) (CAS No.1691-99-2)		mg/kg	0.01	n.d.
N-Methyl-Perfluorooctanesulfonamidoethanol (N-Me-FOSE alcohol) (CAS No.24448-09-7)		mg/kg	0.01	n.d.
Perfluorooctanesulfonamide and its salts (PFOSA and its salts) (CAS No.754-91-6 and its salts)		mg/kg	0.01	n.d.
Perfluorooctane sulfonamidoacetic acid and its salts (FOSAA and its salts) (CAS No.2806-24-8 and its salts)		mg/kg	0.01	n.d.
N-methylperfluorooctane sulfonamidoacetic acid and its salts (N-MeFOSAA and its salts) (CAS No.2355-31-9 and its salts)		mg/kg	0.01	n.d.
N-ethylperfluorooctane sulfonamidoacetic acid and its salts (N-EtFOSAA and its salts) (CAS No.2991-50-6 and its salts)		mg/kg	0.01	n.d.
PFOA and its salts				
Perfluorooctanoic acid and its salts (PFOA and its salts) (CAS No.335-67-1 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.

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JALAN M.H THAMRIN NO. 31, DESA/KELURAHAN KEBON MELATI, KEC. TANAH ABANG, 10230 KOTA JAKARTA PUSAT

Test Item(s)	Method	Unit	RL	Result
				No.1
PFOA related compounds				
1H,1H,2H,2H-Perfluorodecanesulfonic acid and its salts (8:2 FTS and its salts) (CAS No.39108-34-4 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
Methyl perfluorooctanoate (Me-PFOA) (CAS No.376-27-2)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
Ethyl perfluorooctanoate (Et-PFOA) (CAS No.3108-24-5)		mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) (CAS No.27905-45-9)		mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) (CAS No.1996-88-9)		mg/kg	0.1	n.d.
Perfluoro-1-iodooctane (PFOI) (CAS No.507-63-1)		mg/kg	0.1	n.d.
2H,2H-Perfluorodecane acid and its salts (H2PFDA and its salts) (CAS No.27854-31-5 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) (CAS No.678-39-7)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS and LC/MS/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecyl iodide (8:2 FTI) (CAS No.2043-53-0)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃) (CAS No.101947-16-4)		mg/kg	0.1	n.d.
Bis(1H,1H,2H,2H-Perfluorodecyl)phosphate and its salts (8:2 diPAP and its salts) (CAS No.678-41-1 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
2H,2H,3H,3H-Perfluoroundecanoic acid and its salts (4HPFUnA and its salts) (CAS No.34598-33-9 and its salts)		mg/kg	0.01	n.d.
1H,1H,2H-Heptadecafluoro-1-decene (PFDE) (CAS No.21652-58-4)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.

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Test Item(s)	Method	Unit	RL	Result
				No.1
3-Perfluoroheptyl propanoic acid (7:3 FTCA) (CAS No.812-70-4)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl ₃) (CAS No.78560-44-8)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃) (CAS No.83048-65-1)		mg/kg	0.1	n.d.
2H-Perfluoro-2-decenoic acid (8:2 FTUCA) (CAS No.70887-84-2)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
6:8 Perfluorophosphinic acid (6:8 PFPi) (CAS No.610800-34-5)		mg/kg	0.01	n.d.
8:8 Perfluorophosphinic acid and its salts (8:8 PFPi and its salts) (CAS No.40143-79-1 and its salts)		mg/kg	0.01	n.d.
1H,1H,2H,2H-Heptadecafluorodecyl acetate (8:2 FTOAc) (CAS No.37858-04-1)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
Mono-[2-(perfluorooctyl)ethyl]phosphate and its salts (8:2 monoPAP and its salts) (CAS No.57678-03-2 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.1	n.d.
C9-C14 PFCAs and its salts				
Perfluorononan-1-oic acid and its salts (PFNA and its salts) (CAS No.375-95-1 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
Perfluorodecane acid and its salts (PFDA and its salts) (CAS No.335-76-2 and its salts)		mg/kg	0.01	n.d.
Perfluoroundecanoic acid and its salts (PFUnDA and its salts) (CAS No.2058-94-8 and its salts)		mg/kg	0.01	n.d.
Perfluorododecanoic acid and its salts (PFDoDA and its salts) (CAS No.307-55-1 and its salts)		mg/kg	0.01	n.d.
Pentacosfluorotridecanoic acid and its salts (PFTrDA and its salts) (CAS No.72629-94-8 and its salts)		mg/kg	0.01	n.d.

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Test Item(s)	Method	Unit	RL	Result
				No.1
Perfluorotetradecanoic acid and its salts (PFTDA and its salts) (CAS No.376-06-7 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
Perfluoro-3,7-dimethyloctanoic acid (PF-3,7-DMOA) (CAS No.172155-07-6)		mg/kg	0.01	n.d.
C9-C14 PFCAs related compounds				
Perfluorodecane sulfonate and its salts (PFDS and its salts) (CAS No.335-77-3 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH) (CAS No.865-86-1)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS and LC/MS/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA) (CAS No.17741-60-5)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA) (CAS No.2144-54-9)		mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorotetradecan-1-ol (12:2 FTOH) (CAS No.39239-77-5)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS and LC/MS/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorododecane sulfonic acid and its salts (10:2 FTS and its salts) (CAS No.120226-60-0 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI) (CAS No.2043-54-1)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI) (CAS No.30046-31-2)		mg/kg	0.1	n.d.
Perfluorononane sulfonic acid and its salts (PFNS and its salts) (CAS No.68259-12-1 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
Perfluoroundecane sulfonic acid and its salts (PFUnDS and its salts) (CAS No.749786-16-1 and its salts)		mg/kg	0.01	n.d.

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Test Item(s)	Method	Unit	RL	Result
				No.1
Perfluorododecane sulfonic acid and its salts (PFDoDS and its salts) (CAS No.79780-39-5 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
Perfluorotridecane sulfonic acid and its salts (PFTTrDS and its salts) (CAS No.791563-89-8 and its salts)		mg/kg	0.01	n.d.
10:2 Fluortelomerphosphatediester and its salts (10:2 diPAP and its salts) (CAS No.1895-26-7 and its salts)		mg/kg	0.1	n.d.
Perfluorodecyl iodide (PFDI) (CAS No.423-62-1)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
Perfluorododecyl iodide (PFDoDI) (CAS No.307-60-8)		mg/kg	0.1	n.d.
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA) (CAS No.70887-94-4)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
2-Perfluorodecyl ethanoic acid (10:2 FTCA) (CAS No.53826-13-4)		mg/kg	0.01	n.d.
1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-, 1-acetate (10:2 FTOAc) (CAS No.37858-05-2)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecanesulfonic acid and its salts (8:2 FTS and its salts) (CAS No.39108-34-4 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) (CAS No.27905-45-9)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) (CAS No.1996-88-9)		mg/kg	0.1	n.d.
2H,2H-Perfluorodecane acid and its salts (H2PFDA and its salts) (CAS No.27854-31-5 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) (CAS No.678-39-7)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS and LC/MS/MS.	mg/kg	0.1	n.d.

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Test Item(s)	Method	Unit	RL	Result
				No.1
1H,1H,2H,2H-Perfluorodecyl iodide (8:2 FTI) (CAS No.2043-53-0)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃) (CAS No.101947-16-4)		mg/kg	0.1	n.d.
Bis(1H,1H,2H,2H-Perfluorodecyl)phosphate and its salts (8:2 diPAP and its salts) (CAS No.678-41-1 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
2H,2H,3H,3H-Perfluoroundecanoic acid and its salts (4HPFUnA and its salts) (CAS No.34598-33-9 and its salts)		mg/kg	0.01	n.d.
1H,1H,2H-Heptadecafluoro-1-decene (PFDE) (CAS No.21652-58-4)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iidoacetamide (CAS No.852527-50-5)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
10:2 Fluortelomerphosphatemonoester (10:2 monoPAP and its salts) (CAS No.57678-05-4 and its salts)		mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl ₃) (CAS No.78560-44-8)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃) (CAS No.83048-65-1)	Modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Heptadecafluorodecyl acetate (8:2 FTOAc) (CAS No.37858-04-1)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
Mono-[2-(perfluorooctyl)ethyl]phosphate and its salts (8:2 monoPAP and its salts) (CAS No.57678-03-2 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.1	n.d.
PFHxS and its salts				
Perfluorohexane sulfonate and its salts (PFHxS and its salts) (CAS No.355-46-4 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.

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JALAN M.H THAMRIN NO. 31, DESA/KELURAHAN KEBON MELATI, KEC. TANAH ABANG, 10230 KOTA JAKARTA PUSAT

Test Item(s)	Method	Unit	RL	Result
				No.1
PFHxS related compounds				
N-Methylperfluoro-1-hexanesulfonamide (N-Me-FHxSA) (CAS No.68259-15-4)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
Perfluorohexane sulfonamide (PFHxSA) (CAS No.41997-13-1)		mg/kg	0.01	n.d.
N-[3-(dimethylamino)propyl]tridecafluorohexanesulphonamide (N-AP-FHxSA) (CAS No.50598-28-2)		mg/kg	0.01	n.d.
2-[Methyl[(tridecafluorohexyl)sulphonyl]amino]ethyl acrylate (N-MeFHSEA) (CAS No.67584-57-0)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.2	n.d.
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 (CAS No.67584-61-6)		mg/kg	0.1	n.d.
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 (CAS No.67906-70-1)		mg/kg	0.1	n.d.
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-(MeFHxSE) (CAS No.68555-75-9)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl] and its salts (EtFHxSAA and its salts) (CAS No.68957-32-4 and its salts)		mg/kg	0.01	n.d.
PFHxA and its salts				
Perfluorohexane acid and its salts (PFHxA and its salts) (CAS No.307-24-4 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.

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Test Item(s)	Method	Unit	RL	Result
				No.1
PFHxA related compounds				
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) (CAS No.647-42-7)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS and LC/MS/MS.	mg/kg	0.1	n.d.
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI) (CAS No.2043-57-4)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-perfluorooctyl methacrylate (6:2 FTMA) (CAS No.2144-53-8)		mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorooctyl acrylate (6:2 FTA) (CAS No.17527-29-6)		mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorooctanesulphonic acid and its salts (6:2 FTS and its salts) (CAS No.27619-97-2 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
Perfluorooctyl triethoxysilane (POTS) (CAS No.51851-37-7)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl3) (CAS No.78560-45-9)		mg/kg	0.1	n.d.
Perfluorohexyl iodide (PFHxl) (CAS No.355-43-1)		mg/kg	0.2	n.d.
2-Iodo-1H,1H,1H,2H,3H,3H-perfluorononane (CAS No.38550-34-4)		mg/kg	0.2	n.d.
N-[3-(dimethylamino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide N-oxide (CAS No.80475-32-7)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.1	n.d.
Thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester (CAS No.26650-09-9)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.2	n.d.
Mono[2-(perfluorohexyl)ethyl] phosphate and its salts (6:2 monoPAP and its salts) (CAS No.57678-01-0 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.1	n.d.
2H,2H,3H,3H-Perfluorononanoic acid (6:3 FTCA) (CAS No.27854-30-4)		mg/kg	0.1	n.d.

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Test Item(s)	Method	Unit	RL	Result
				No.1
1H,1H,2H,2H-Perfluorooctanethiol (6:2 FTSH) (CAS No.34451-26-8)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.2	n.d.
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe2Cl) (CAS No.102488-47-1)		mg/kg	0.2	n.d.
1-Iodo-1H,1H-Perfluoroheptane (6:1 FTI) (CAS No.212563-43-4)		mg/kg	0.2	n.d.
3-(Perfluorohexyl)propyl iodide (6:3 FTI) (CAS No.89889-20-3)		mg/kg	0.2	n.d.
1H,1H,2H,2H-Perfluorooctanephosphonic acid and its salts (6:2 FTPA and its salts) (CAS No.252237-40-4 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.1	n.d.
1H,1H-Perfluorohexan-1-ol (5:1 FTOH) (CAS No.423-46-1)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS and LC/MS/MS.	mg/kg	0.2	n.d.
1H,1H-Perfluoro-1-heptanol (6:1 FTOH) (CAS No.375-82-6)		mg/kg	0.2	n.d.
3-(Perfluorohexyl)propanol (6:3 FTOH) (CAS No.80806-68-4)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.2	n.d.
3,3,4,4,5,5,6,6,7,7,7-Undecafluoro-2-heptanol (CAS No.914637-05-1)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS and LC/MS/MS.	mg/kg	0.2	n.d.
1-(Perfluorohexyl)octane (F6H8) (CAS No.133331-77-8)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.2	n.d.
1H,1H-Perfluoroheptylamine (6:1 FTNH2) (CAS No.423-49-4)		mg/kg	0.2	n.d.
2H-Perfluoro-2-octenoic acid (6:2 FTUCA) (CAS No.70887-88-6)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
6:6 Perfluorophosphinic acid and its salts (6:6 PFPi and its salts) (CAS No.40143-77-9 and its salts)		mg/kg	0.01	n.d.
6:8 Perfluorophosphinic acid (6:8 PFPi) (CAS No.610800-34-5)		mg/kg	0.01	n.d.

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Test Item(s)	Method	Unit	RL	Result
				No.1
Other PFAS				
Perfluorobutane acid and its salts (PFBA and its salts) (CAS No.375-22-4 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
Perfluorobutane sulfonate and its salts (PFBS and its salts) (CAS No.375-73-5 and its salts)		mg/kg	0.01	n.d.
Perfluoropentane acid and its salts (PFPA and its salts) (CAS No.2706-90-3 and its salts)		mg/kg	0.01	n.d.
Perfluoroheptane acid and its salts (PFHpA and its salts) (CAS No.375-85-9 and its salts)		mg/kg	0.01	n.d.
Perfluoroheptane sulfonate and its salts (PFHpS and its salts) (CAS No.375-92-8 and its salts)		mg/kg	0.01	n.d.
7H-Dodecanefluoroheptane acid and its salts (HPFHpA and its salts) (CAS No.1546-95-8 and its salts)		mg/kg	0.01	n.d.
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) (CAS No.2043-47-2)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS and LC/MS/MS.	mg/kg	0.4	n.d.
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acide and its salts (HFPO-DA and its salts) (CAS No.13252-13-6 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
1H,1H,2H,2H-Perfluorohexanesulfonic acid and its salts (4:2 FTS and its salts) (CAS No.757124-72-4 and its salts)		mg/kg	0.01	n.d.
Perfluoropentane sulfonic acid and its salts (PFPeS and its salts) (CAS No.2706-91-4 and its salts)		mg/kg	0.01	n.d.
2-Perfluorohexyl ethanoic acid (6:2 FTCA) (CAS No.53826-12-3)		mg/kg	0.01	n.d.
3-Perfluoropentyl propanoic acid (5:3 FTCA) (CAS No.914637-49-3)		mg/kg	0.01	n.d.

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Test Item(s)	Method	Unit	RL	Result	
				No.1	
Perfluorohexadecanoic acid and its salts (PFHxDA and its salts, C16) (CAS No.67905-19-5 and its salts)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.	
Perfluorooctadecanoic acid and its salts (PFODA and its salts, C18) (CAS No.16517-11-6 and its salts)		mg/kg	0.01	n.d.	
4,8-Dioxa-3H-perfluorononanoic acid and its salts (ADONA and its salts) (CAS No.919005-14-4 and its salts)		mg/kg	0.01	n.d.	
Perfluoro-3-methoxypropanoic acid (PFMPA) (CAS No.377-73-1)		mg/kg	0.01	n.d.	
Perfluoro-4-methoxybutanoic acid (PFMBA) (CAS No.863090-89-5)		mg/kg	0.01	n.d.	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) (CAS No.151772-58-6)		mg/kg	0.01	n.d.	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid and its salts (9Cl-PF3ONS and its salts) (CAS No.756426-58-1 and its salts)		mg/kg	0.01	n.d.	
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid and its salts (11Cl-PF3OUdS and its salts) (CAS No.763051-92-9 and its salts)		mg/kg	0.01	n.d.	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA) (CAS No.113507-82-7)		mg/kg	0.01	n.d.	
3-Perfluoropropyl propanoic acid (3:3 FTCA) (CAS No.356-02-5)		mg/kg	0.01	n.d.	
Perfluoropentadecanoic acid and its salts (PFPeDA and its salts, C15) (CAS No.141074-63-7 and its salts)		mg/kg	0.1	n.d.	
1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA) (CAS No.1799-84-4)		With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.1	n.d.
2-(N-ethylperfluorooctanesulfamido)ethyl acrylate (EtFOSAC) (CAS No.423-82-5)			mg/kg	0.1	n.d.

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Test Item(s)	Method	Unit	RL	Result
				No.1
Perfluorobutane sulfon amides (CAS No.30334-69-1)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.1	n.d.
1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide (PFBS-NC3H8O) (CAS No.34454-97-2)		mg/kg	0.01	n.d.
11H-Perfluoroundecanoic acid and its salts (11H-PFUnDA and its salts) (CAS No.1765-48-6 and its salts)		mg/kg	0.1	n.d.
Pentafluoropropionate acid and its salts (PFPrA and its salts) (CAS No.422-64-0 and its salts)		mg/kg	0.1	n.d.
Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid and its salts (HFPO-TA and its salts) (CAS No.13252-14-7 and its salts)		mg/kg	0.2	n.d.
Pentafluoroethane sulfonic acid (PFEtS) (CAS No.354-88-1)		mg/kg	0.01	n.d.
Bis[2-(perfluorohexyl)ethyl] phosphate and its salts (6:2 diPAP and its salts) (CAS No.57677-95-9 and its salts)		mg/kg	0.01	n.d.
Trifluoromethanesulfonimide and its salts (TFSI and its salts) (CAS No.82113-65-3 and its salts)		mg/kg	0.01	n.d.
1H,1H,2H,2H-Nonafluorohexyl acrylate (4:2 FTA) (CAS No.52591-27-2)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	0.2	n.d.
Perfluorobutyramide (CAS No.662-50-0)		mg/kg	0.2	n.d.
Perfluoroheptanamide (CAS No.2358-22-7)		mg/kg	0.1	n.d.
1H,1H-Perfluorooctylamine (CAS No.307-29-9)		mg/kg	0.2	n.d.
4:2 Fluorotelomer iodide (4:2 FTI) (CAS No.2043-55-2)		mg/kg	0.2	n.d.
1-pefluoroheptyl ethanol (7:2 secondary) (7:2s FTOH) (CAS No.24015-83-6)		mg/kg	0.2	n.d.

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Test Item(s)	Method	Unit	RL	Result
				No.1
N-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-1-hexanesulfonamide (CAS No.34455-03-3)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by LC/MS/MS.	mg/kg	0.01	n.d.
N-methylperfluoro-1-butanesulfonamide (CAS No.68298-12-4)		mg/kg	0.01	n.d.
Perfluorooctylphosphoric acid and its salts (PFOPA and its salts) (CAS No.40143-78-0 and its salts)		mg/kg	0.01	n.d.
Perfluoroheptane-1-sulfinic acid and its salts (PFHpSi and its salts) (CAS No.769067-51-8 and its salts)		mg/kg	0.01	n.d.
Perfluoropropate sulfonic acid and its salts (PFPrS and its salts) (CAS No.423-41-6 and its salts)		mg/kg	0.01	n.d.
Trifluoromethane sulfonic acid and its salts (TFMS and its salts) (CAS No.1493-13-6 and its salts)		mg/kg	0.01	n.d.
Perfluorohexyl ethylene (PFHxE) (CAS No.25291-17-2)	With reference to modified EN 17681-1: 2022 & EN 17681-2: 2022, analysis was performed by GC/MS.	mg/kg	1	n.d.
1H,1H,2H,2H-Perfluorodecylmethylchlorosilane (CAS No.3102-79-2)		mg/kg	0.1	n.d.
Ethyl perfluoroisobutyl ether and its isomers (CAS No.163702-05-4 and others)		mg/kg	10	n.d.
1,1,1,2,2,3,4,4,5,5,5,-decafluoro-Pentane (CAS No.138495-42-8)		mg/kg	10	n.d.
Trifluorotoluene (CAS No.98-08-8)		mg/kg	1	n.d.
1-Chloro-4 (Trifluoromethyl)Benzene (CAS No.98-56-6)		mg/kg	1	n.d.

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Note:

1. mg/kg = ppm ; 0.1% = 1000 ppm
2. RL = Reporting Limit
3. n.d. = Not Detected = Less than RL
4. The report is invalid if it is partly reproduced or used.
5. The test results of the analyzed specific structure cannot be distinguished to identify the contribution form PFAS acid or its salts. Therefore, the tested results display the sum of concentrations of PFAS acid and its salts with the same carbon number group.
6. PFAS and its salts/derivative are listed in below table.

Classification	Substances
Perfluorooctanoic acid (PFOA) and its salts (CAS No. 335-67-1 and its salts)	Sodium perfluorooctanoate (PFOA-Na) (CAS No. 335-95-5)
	Potassium perfluorooctanoate (PFOA-K) (CAS No. 2395-00-8)
	Lithium perfluorooctanoate (PFOA-Li) (CAS No. 17125-58-5)
	Silver perfluorooctanoate (PFOA-Ag) (CAS No. 335-93-3)
	Perfluorooctanoyl fluoride (PFOA-F) (CAS No. 335-66-0)
	Ammonium perfluorooctanoate (APFO) (CAS No. 3825-26-1)
	Cobalt perfluorooctanoate (PFOA-Co) (CAS No. 35965-01-6)
	Cesium perfluorooctanoate (PFOA-Cs) (CAS No. 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+)) (CAS No. 68141-02-6)
	Pentadecafluorooctanoic acid--piperazine (2/1) (PFOA-NH(C4H10N)) (CAS No. 423-52-9)
	Pentadecafluorooctanoate (anion) (CAS No. 45285-51-6)
	Perfluorooctanoic Anhydride (CAS No. 33496-48-9)
N,N,N-Triethylethanaminium perfluorooctanoate (CAS No. 98241-25-9)	

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Classification	Substances
Perfluorooctanoic acid (PFOA) and its salts (CAS No. 335-67-1 and its salts)	Perfluorooctanoate N,N,N-Trimethylmethanaminium (CAS No. 32609-65-7)
	Tetrapropylammonium perfluorooctanoate (CAS No. 277749-00-57)
	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, potassium salt, hydrate (1:1:2) (PFOA-K(H ₂ O) ₂) (CAS No. 98065-31-7)
	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, compd. with ethanamine (1:1) (PFOA-C ₂ H ₇ N) (CAS No. 1376936-03-6)
	Octanoic acid, pentadecafluoro-, compd. with pyridine (1:1) (9Cl) (PFOA-C ₅ H ₅ N) (CAS No. 95658-47-2)
	Pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA-C ₁₀ H ₁₄ N ₂) (CAS No. 1514-68-7)
	1-Octanaminium, N,N-trimethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1) (PFOA- C ₁₁ H ₂₆ N) (CAS No. 927835-01-6)
2H,2H Perfluorodecane Acid (H ₂ PFDA / 8:2 FTCA) and its salts (CAS No. 27854-31-5 and its salts)	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C ₄ H ₉) ₄) (CAS No. 882489-14-7)

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Classification	Substances
Perfluorooctanesulfonic acid (PFOS) and its salts (CAS No. 1763-23-1 and its salts)	Potassium perfluorooctane sulfonate (PFOS-K) (CAS No. 2795-39-3)
	Sodium perfluorooctane sulfonate (PFOS-Na) (CAS No. 4021-47-0)
	Lithium perfluorooctane sulfonate (PFOS-Li) (CAS No. 29457-72-5)
	Ammonium perfluorooctane sulfonate (PFOS-NH ₄) (CAS No. 29081-56-9)
	Perfluorooctane sulfonate diethanolamine salt (PFOS-NH ₂ (C ₂ H ₄ OH) ₂) (CAS No. 70225-14-8)
	Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C ₂ H ₅) ₄) (CAS No. 56773-42-3)
	N-decyl-N,N-dimethyldecyl-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate (PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂) (CAS No. 251099-16-8)
	Perfluorooctanesulfonic acid, magnesium salt (PFOS-Mg) (CAS No. 91036-71-4)
	Perfluoro-1-octanesulfonyl fluoride (PFOS-F) (CAS No. 307-35-7)
	Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate (CAS No. 71463-74-6)

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Classification	Substances
Perfluorooctanesulfonic acid (PFOS) and its salts (CAS No. 1763-23-1 and its salts)	TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C ₄ H ₉) ₄) (CAS No. 111873-33-7)
	Perfluorooctanesulfonate (CAS No. 45298-90-6)
	Triethylammonium perfluorooctane sulfonate (CAS No. 54439-46-2)
	Tetramethylammonium perfluorooctane sulfonate (CAS No. 56773-44-5)
	N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate (CAS No. 56773-56-9)
	N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate (CAS No. 124472-68-0)
	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1) (CAS No. 213740-80-8)
	Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate (CAS No. 258341-99-0)
	1-Hexadecylpyridinium perfluoro-1-octanesulfonate (CAS No. 334529-63-4)
	N,N,N-Triethyldecan-1-aminium heptadecafluorooctane-1-sulfonate (CAS No. 773895-92-4)

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Classification	Substances
Perfluorooctanesulfonic acid (PFOS) and its salts (CAS No. 1763-23-1 and its salts)	Tetrabutylphosphonium perfluorooctane sulfonate (CAS No. 2185049-59-44)
	Perfluorooctanesulfonic acid diethylamine salt (PFOS-C4H11N) (CAS No. 2205029-08-7)
	Heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium perfluorooctanesulfonate (PFOS-C15H30NO2) (CAS No. 1203998-97-3)
	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, 1,1'-anhydride (PFOSAN) (CAS No. 423-92-7)
Perfluorononane Acid (PFNA) and its salts (CAS No. 375-95-1 and its salts)	Sodium heptafluorononanoate (PFNA-Na) (CAS No. 21049-39-8)
	Perfluorononanoate ammonium salt (PFNA-NH4) (CAS No. 4149-60-4)
	Potassium perfluorononanoate (PFNA-K) (CAS No. 21049-38-7)
	Lithium perfluorononanoate (PFNA-Li) (CAS No. 60871-92-3)
	Silver perfluorononanoate (PFNA-Ag) (CAS No. 7358-16-9)
	Methanaminium perfluorononanoate (PFNA-NH3(CH3)) (CAS No. 77032-23-6)
	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-, compd. with Nethylethanamine (1:1) (PFNA-NH2(C2H5)2) (CAS No. 77032-27-0)

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Classification	Substances
Perfluorononane Acid (PFNA) and its salts (CAS No. 375-95-1 and its salts)	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluoro-, compd. with Nmethylmethanamine (1:1) (CAS No. 77032-24-7)
	Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃) (CAS No. 327176-80-7)
	Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH ₂ (C ₅ H ₁₀)) (CAS No. 95682-66-9)
	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH ₃ (C ₆ H ₅)) (CAS No. 95682-67-0)
	Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) ((PFNA-NH ₃ (C ₆ H ₁₁)) (CAS No. 328531-06-2)
	Perfluorononanoate (anion) (CAS No. 72007-68-2)
	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C ₁₁ H ₁₂ N ₄ O ₃ S) (CAS No. 298703-33-0)
	Perfluorononanoic anhydride (PFNAA) (CAS No. 228407-54-3)

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Classification	Substances
Perfluorodecane Acid (PFDA) and its salts (CAS No. 335-76-2 and its salts)	Sodium nonadecafluorodecanoate (PFDA-Na) (CAS No. 3830-45-3)
	Perfluorodecanoate ammonium salt (PFDA-NH4) (CAS No. 3108-42-7)
	Potassium perfluorodecanoate (PFDA-K) (CAS No. 51604-85-4)
	Silver perfluorodecanoate (PFDA-Ag) (CAS No. 5784-82-7)
	Lithium perfluorodecanoate (PFDA-Li) (CAS No. 84743-32-8)
	Perfluorodecanoate (anion) (CAS No. 73829-36-4)
	Perfluorodecanoic anhydride (PFDA) (CAS No. 942199-24-8)
Perfluoroundecanoic Acid (PFUnDA) and its salts (CAS No. 2058-94-8 and its salts)	Sodium perfluoroundecanoate (PFUnDA-Na) (CAS No. 60871-96-7)
	Ammonium perfluoroundecanoate (PFUnDA-NH4) (CAS No. 4234-23-5)
	Potassium perfluoroundecanoate (PFUnDA-K) (CAS No. 30377-53-8)
	Calcium perfluoroundecanoate (PFUnDA-Ca) (CAS No. 97163-17-2)
	Perfluoroundecanoate (anion) (CAS No. 196859-54-8)
Perfluorododecanoic Acid (PFDoDA) and its salts (CAS No. 307-55-1 and its salts)	Ammonium tricosafuorododecanoate (PFDoDA-NH4) (CAS No. 3793-74-6)
	Perfluorododecanoate (anion) (CAS No. 171978-95-3)

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Classification	Substances
Perfluorodecane sulfonic Acid (PFDS) and its salts (CAS No. 335-77-3 and its salts)	Sodium perfluorodecanesulfonate (PFDS-Na) (CAS No. 2806-15-7)
	Potassium perfluorodecanesulfonate (PFDS-K) (CAS No. 2806-16-8)
	Perfluorodecanesulfonic acid ammonium salt (PFDS-NH4) (CAS No. 67906-42-7)
	Perfluorodecane sulfonate (anion) (CAS No. 126105-34-8)
	Perfluorodecane sulfonic anhydride (PFDSA) (CAS No. 51667-62-0)
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnDA / 8:3 FTCA) and its salts (CAS No. 34598-33-9 and its salts)	Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K) (CAS No. 83310-58-1)
	lithium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-Li) (CAS No. 67304-23-8)
Perfluorohexanesulfonic acid (PFHxS) and its salts (CAS No. 355-46-4 and its salts)	Perfluorohexanesulfonate Na-salt (PFHxS-Na) (CAS No. 82382-12-5)
	Perfluorohexanesulfonate K-salt (PFHxS-K) (CAS No. 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) (CAS No. 55120-77-9)
	Ammonium perfluorohexane-1-sulphonate (PFHxS-NH4) (CAS No. 68259-08-5)

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Classification	Substances
Perfluorohexanesulfonic acid (PFHxS) and its salts (CAS No. 355-46-4 and its salts)	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-BTPP) (CAS No. 1000597-52-3)
	N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate (PFHxS-N(C40H9)4) (CAS No. 108427-54-9)
	N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate (PFHxS-N(C2H5)4) (CAS No. 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) (CAS No. 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) (PFHxS-(NC10H14)3C5H4) (CAS No. 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-(NC8H10)2C13H12) (CAS No. 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-(NC8H10)2C17H12) (CAS No. 1310480-28-4)

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Classification	Substances
Perfluorohexanesulfonic acid (PFHxS) and its salts (CAS No. 355-46-4 and its salts)	Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate (PFHxS-C42H70O35) (CAS No. 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-C48H80O40) (CAS No. 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) (CAS No. 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-C44H37N2O2) (CAS No. 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(C6H5)2) (CAS No. 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) (CAS No. 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-NH2(CH3)3) (CAS No. 202189-84-2)

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JALAN M.H THAMRIN NO. 31, DESA/KELURAHAN KEBON MELATI, KEC. TANAH ABANG, 10230 KOTA JAKARTA PUSAT

Classification	Substances
Perfluorohexanesulfonic acid (PFHxS) and its salts (CAS No. 355-46-4 and its salts)	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 (CAS No. 911027-69-5)
	Tetrabutylphosphonium perfluorohexane sulfonate (CAS No.2310194-12-6)
	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) (CAS No. 213740-81-9)
	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) (CAS No. 341548-85-4)
	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) (CAS No. 421555-73-9)
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl) (PFHxS-Ga) (CAS No. 341035-71-0)
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1) (PFHxS-Sc) (CAS No. 350836-93-0)

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Classification	Substances
Perfluorohexanesulfonic acid (PFHxS) and its salts (CAS No. 355-46-4 and its salts)	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1) (PFHxS-Nd) (CAS No. 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) (CAS No. 41242-12-0)
	Cesium perfluorohexanesulfonate (PFHxS-Cs) (CAS No. 92011-17-1)
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (PFHxS-Zn) (CAS No. 70136-72-0)
	Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic (PFHxS-I(C ₆ H ₄) ₂ (C ₅ H ₁₁) ₂) (CAS No. 421555-74-0)
	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) (CAS No. 425670-70-8)
	Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) (PFHxS-NH(C ₂ H ₅ O) ₂) (CAS No. 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)hylethanamine (1:1) (PFHxS-N(C ₂ H ₅) ₃) (CAS No. 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) (9Cl) (PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂) (CAS No. 866621-50-3)

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Classification	Substances
Perfluorohexanesulfonic acid (PFHxS) and its salts (CAS No. 355-46-4 and its salts)	Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-S(C6H5)2C7H7) (CAS No. 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(C6H5)2C10H9O2) (CAS No. 911027-68-4)
	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-SC28H31O4) (CAS No. 928049-42-7)
	Perfluorohexylsulfonyl fluoride (PFHxS-F) (CAS No. 423-50-7)
	Perfluorohexylsulfonyl chloride (PFHxS-Cl) (CAS No. 55591-23-6)
	Perfluorohexane sulfonate (anion) (CAS No. 108427-53-8)
Perfluorohexane Acid (PFHxA) and its salts (CAS No. 307-24-4 and its salts)	Ammonium perfluorohexanoate (APFHx) (CAS No. 21615-47-4)
	Sodium perfluorohexanoate (PFHxA-Na) (CAS No. 2923-26-4)
	Potassium perfluorohexanoate (PFHxA-K) (CAS No. 3109-94-2)
	Silver perfluorohexanoate (PFHxA-Ag) (CAS No. 336-02-7)
	Lithium perfluorohexanoate (PFHxA-Li) (CAS No. 90430-61-8)

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Classification	Substances
Perfluorohexane Acid (PFHxA) and its salts (CAS No. 307-24-4 and its salts)	Perfluorohexanoyl fluoride (PFHxA-F) (CAS No. 355-38-4)
	Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8Cl,9Cl) (CAS No. 423-47-2)
	Perfluorohexanoic anhydride (CAS No. 308-13-4)
	Perfluorohexanoate (anion) (CAS No. 92612-52-7)
	Perfluorohexanoyl chloride (PFHxA-Cl) (CAS No. 335-53-5)
	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-, compd. with 1-hexanamine (1:1) (PFHxA-C6H15N) (CAS No. 565225-91-4)
	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-, compd. with 1-phenylpiperazine (1:1) (PFHxA-C10H14N2) (CAS No. 985-60-4)
Perfluorobutane acid (PFBA) and its salts (CAS No. 375-22-4 and its salts)	Sodium perfluorobutanoate (PFBA-Na) (CAS No. 2218-54-4)
	Potassium heptafluorobutanoate (PFBA-K) (CAS No. 2966-54-3)
	Ammonium perfluorobutanoate (PFBA-NH4) (CAS No. 10495-86-0)

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Classification	Substances
Perfluorobutane acid (PFBA) and its salts (CAS No. 375-22-4 and its salts)	Silver perfluorobutanoate (PFBA-Ag) (CAS No. 3794-64-7)
	Lithium perfluorobutanoate (PFBA-Li) (CAS No. 4146-76-3)
	Lithium perfluorobutanoate (PFBA-Li) (CAS No. 375-04-2)
	Perfluorobutanoate (anion) (CAS No. 45048-62-2)
Perfluorobutanesulfonic acid (PFBS) and its salts (CAS No. 375-73-5 and its salts)	Potassium perfluorobutanesulfonate (PFBS-K) (CAS No. 29420-49-3)
	Perfluorobutane sulfonic acid hydrate (PFBS-H ₂ O) (CAS No. 59933-66-3)
	Sodium perfluorobutanesulfonate (PFBS-Na) (CAS No. 60453-92-1)
	Lithium perfluorobutanesulfonate (PFBS-Li) (CAS No. 131651-65-5)
	Ammonium perfluorobutanesulfonate (PFBS-NH ₄) (CAS No. 68259-10-9)
	Magnesium perfluorobutanesulfonate (PFBS-Mg) (CAS No. 507453-86-3)
	Triphenylsulfonium perfluorobutanesulfonate (TPS-PFBS) (CAS No. 144317-44-2)
	Tetrabutyl-phosphonium perfluorobutanesulfonate PFBS-P(C ₄ H ₉) ₄ (CAS No. 220689-12-3)

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Classification	Substances
Perfluorobutanesulfonic acid (PFBS) and its salts (CAS No. 375-73-5 and its salts)	N,N,N-Triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate (PFBS-N(C ₂ H ₅) ₄) (CAS No. 25628-08-4)
	N-Morpholinium perfluorobutanesulfonate (PFBS-NC ₄ H ₉ O) (CAS No. 503155-89-3)
	Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanesulfonate (PFBS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂) (CAS No. 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) (CAS No. 70225-18-2)
	Perfluorobutanesulfonyl fluoride (PFBS-F) (CAS No. 375-72-4)
	Nonafluorobutanesulfonyl Chloride (PFBS-Cl) (CAS No. 2991-84-6)
	dimethyl(phenyl)sulfanium nonafluorobutane-1-sulfonate (PFBS-S(CH ₃) ₂ C ₆ H ₅) (CAS No. 220133-51-7)
	1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate (PFBS-SC ₁₈ H ₂₃ O) (CAS No. 209482-18-8)
	Tetrabutylammonium nonafluorobutanesulfonate (PFBS-N(C ₄ H ₉) ₄) (CAS No. 108427-52-7)
	Diphenyliodonium nonafluorobutane-1-sulfonate((PFBS-I(C ₆ H ₅) ₂)) (CAS No. 194999-82-1)

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Classification	Substances
Perfluorobutanesulfonic acid (PFBS) and its salts (CAS No. 375-73-5 and its salts)	Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (CAS No. 241806-75-7)
	Sulfonium, (4-cyclohexylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (CAS No. 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) (CAS No. 867373-18-0)
	Pyridinium, 1-ethyl-3-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (CAS No. 1015420-87-7)
	1H-Imidazolium, 1-methyl-3-octyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (CAS No. 905972-83-0)
	1H-Imidazolium, 3-hexyl-1-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (CAS No. 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) (CAS No. 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) (CAS No. 857285-80-4)
	1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (CAS No. 124472-66-8)

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Classification	Substances
Perfluorobutanesulfonic acid (PFBS) and its salts (CAS No. 375-73-5 and its salts)	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1) (PFBS-Zn) (CAS No. 502457-69-4)
	1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (CAS No. 56773-55-8)
	Perfluorobutanesulfonic acid tetramethylammonium salt (PFBS-N(CH ₃) ₄) (CAS No. 25628-17-5)
	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, 1,1'-anhydride (CAS No. 36913-91-4)
	Perfluorobutane sulfonate (anion) (CAS No. 45187-15-3)
	tetrahydrothiophenium nonafluorobutane-1-sulfonate (EC: 468-770-4)
	Triethylammonium perfluorobutane sulfonate (CAS No. 182059-38-7)
	N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanesulfonate (1:1) (CAS No. 334529-55-4)
	1-Hexadecylpyridinium perfluoro-1-butanesulfonate (CAS No. 334529-62-3)
	1-Butylpyridinium perfluoro-1-butanesulfonate (CAS No. 334529-64-5)
	N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanesulfonate (CAS No. 495417-51-1)
	Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanesulfonic acid (1:1) (CAS No.722538-68-3)

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Classification	Substances
Perfluoropentane acid (PFPeA) and its salts (CAS No. 2706-90-3 and its salts)	Sodium perfluoropentanoate (PFPeA-Na) (CAS No. 2706-89-0)
	Potassium perfluoropentanoate (PFPeA-K) (CAS No. 336-23-2)
	Ammonium perfluoropentanoate (PFPeA-NH4) (CAS No. 68259-11-0)
	Lithium perfluoropentanoate (PFPeA-Li) (CAS No. 198482-22-3)
	Silver perfluoropentanoate (PFPeA-Ag) (CAS No. 2795-30-4)
	Perfluoropentanoate (anion) (CAS No. 45167-47-3)
	Pentanoic acid, 2,2,3,3,4,4,5,5,5-nonafluoro-, compd. with phenylmethyl carbamimidothioate(1:1) PFPeA-C8H10N2S) (CAS No. 64808-55-5)
	Nonafluoropentanoic anhydrid (PFPeAA) (CAS No. 308-28-1)
Perfluoroheptane acid (PFHpA) and its salts (CAS No. 375-85-9 and its salts)	Sodium perfluoroheptanoate (PFHpA-Na) (CAS No. 20109-59-5)
	Potassium perfluoroheptanoate (PFHpA-K) (CAS No. 21049-36-5)
	Ammonium perfluoroheptanoate (PFHpA-NH4) (CAS No. 6130-43-4)
	Cesium perfluoroheptanoate (PFHpA-Cs) (CAS No. 171198-24-6)
	Silver perfluoroheptanoate (PFHpA-Ag) (CAS No. 424-05-5)
	Lithium perfluoroheptanoate (PFHpA-Li) (CAS No. 60871-90-1)
	Perfluoroheptanoate (anion) (CAS No. 120885-29-2)

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Classification	Substances
Perfluoroheptanesulfonic acid (PFHpS) and its salts (CAS No. 375-92-8 and its salts)	Sodium perfluoroheptanesulfonate (PFHpS-Na) (CAS No. 21934-50-9)
	Potassium perfluoroheptanesulfonate (PFHpS-K) (CAS No. 60270-55-5)
	Ammonium perfluoroheptanesulfonate (PFHpS-NH4) (CAS No. 68259-07-4)
	Lithium perfluoroheptanesulfonate (PFHpS-Li) (CAS No. 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) (CAS No. 70225-15-9)
	Perfluoroheptane sulfonate (anion) (CAS No. 146689-46-5)
	Triethylammonium perfluoroheptane sulfonate (CAS No. 72033-40-0)
	Tetraethylammonium perfluoroheptane sulfonate (CAS No. 439863-97-5)
	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, anhydride (9CI) (PFHpSA) (CAS No. 140429-92-1)

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Classification	Substances
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid (HFPO-DA) and its salts (CAS No. 13252-13-6 and its salts)	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)- (isomer) (CAS No. 75579-39-4)
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)- (isomer) (CAS No. 75579-40-7)
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, ammonium salt (HFPO-DA-NH4) (CAS No. 62037-80-3)
	Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate (HFPO-DA-K) (CAS No. 67118-55-2)
	Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate (CAS No.67963-75-1)
	Perfluoro(2-propoxypropanoate) (CAS No.122499-17-6)
	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid--N-propylpropan-1-amine (1/1) (CAS No.165951-17-7)
	Triethylaminium perfluoro-2-propoxypropanoate (CAS No.165951-18-8)
	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate (CAS No.298703-31-8)

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Classification	Substances
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid (HFPO-DA) and its salts (CAS No. 13252-13-6 and its salts)	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionyl fluoride (HFPO-DA-F) (CAS No. 2062-98-8)
	Benzoic acid, 2,3,6-triiodo-, (1-methyl-3-piperidiny)methyl ester, compd. with 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoro propoxy)propanoate (1:1) (HFPO-C14H16I3NO2) (CAS No. 2412106-69-3)
Perfluoropentane sulfonic acid (PFPeS) and its salts (CAS No. 2706-91-4 and its salts)	Sodium perfluoropentanesulfonate (PFPeS-Na) (CAS No. 630402-22-1)
	Potassium perfluoropentane-1-sulphonate (PFPeS-K) (CAS No. 3872-25-1)
	Ammonium perfluoropentanesulfonate (PFPeS-NH4) (CAS No. 68259-09-6)
	Bis(2-hydroxyethyl) ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate (CAS No. 70225-17-1)
	Undecafluoropentane-1-sulfonic acid lithium salt (PFPeS-Li) (CAS No. 1046864-81-6)
	Perfluoropentane sulfonate (anion) (CAS No. 175905-36-9)
	Triethylammonium perfluoropentane sulfonate (CAS No. 72033-42-2)
	Perfluoropentane sulfonic anhydride (PFPeSA) (CAS No. 161877-72-1)

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Classification	Substances
Perfluorononane sulfonic acid (PFNS) and its salts (CAS No. 68259-12-1 and its salts)	Sodium perfluorononanesulfonate (PFNS-Na) (CAS No. 98789-57-2)
	Potassium perfluorononanesulfonate (PFNS-K) (CAS No. 29359-39-5)
	Ammonium nonadecafluorononanesulphonate (PFNS-NH4) (CAS No. 17202-41-4)
	Perfluorononane sulfonate (anion) (CAS No. 474511-07-4)
Perfluoroundecane sulfonic acid (PFUnDS) and its salts (CAS No. 749786-16-1 and its salts)	Perfluoroundecanesulfonate (anion) (CAS No. 441296-91-9)
Perfluorododecane sulfonic acid (PFDoDS) and its salts (CAS No. 79780-39-5 and its salts)	Sodium perfluorododecanesulfonate (PFDoDS-Na) (CAS No. 1260224-54-1)
	Potassium perfluorododecanesulfonate (PFDoDS-K) (PFDoDS-K) (CAS No. 85187-17-3)
	Perfluorododecane sulfonate (anion) (CAS No. 343629-43-6)
Perfluorotridecane sulfonic acid (PFTrDS) and its salts (CAS No. 791563-89-8 and its salts)	Sodium perfluorotridecanesulfonate (PFTrDS-Na) (CAS No. 174675-49-1)

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Classification	Substances
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) hydrogen phosphate (8:2 diPAP) and its salts (CAS No. 678-41-1 and its salts)	Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2 diPAP-Na) (CAS No. 114519-85-6)
	Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate (CAS No. 57677-97-1)
	Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt (CAS No.93776-20-6)
	8:2 Fluorotelomer phosphate diester ion (CAS No.1411713-91-1)
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) and its salts (CAS No. 39108-34-4 and its salts)	1H,1H,2H,2H-Perfluorodecane sulfonate acid Potassium salt (8:2 FTS-K*) (CAS No. 438237-73-1)
	1H,1H,2H,2H-Perfluorodecane sulfonate acid Sodium salt (8:2 FTS-Na*) (CAS No. 27619-96-1)
	1H,1H,2H,2H-Perfluorodecane sulfonate acid Ammonium salt (8:2 FTS-NH4*) (CAS No. 149724-40-3)
	8: 2 Fluorotelomer sulfonate (anion) (8:2 FTS(anion)) (CAS No. 481071-78-7)

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Classification	Substances
Perfluorooctane sulfonamide (PFOSA) and its salts (CAS No. 754-91-6 and its salts)	Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li) (CAS No. 76752-79-9)
	Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na) (CAS No. 76752-78-8)
	Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K) (CAS No. 76752-70-0)
	Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH4) (PFOSA-NH4) (CAS No. 76752-72-2)
	heptadecafluorooctane-1-sulphonamide, compound with triethylamine(1:1) (PFOSA-C6H15N) (CAS No. 76752-82-4)
Perfluorotridecanoic Acid (PFTTrDA) and its salts (CAS No.72629-94-8 and its salts)	Ammonium perfluorotridecanoate (PFTTrDA-NH4) (CAS No. 4288-72-6)
	Sodium perfluorotridecanoate (PFTTrDA-Na) (CAS No. 60872-01-7)
	Perfluorotridecanoate (anion) (CAS No. 862374-87-6)
Perfluorotetradecanoic acid (PFTDA) and its salts (CAS No. 376-06-7 and its salts)	Perfluorotetradecanoate (anion) (CAS No. 365971-87-5)

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Classification	Substances
Perfluoroundecanoic Acid (11H-PFUnDA) and its salts (CAS No. 1765-48-6 and its salts)	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*) (CAS No. 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-NH4*) (CAS No. 5081-02-7)
	11-H-Perfluoroundecanoate (11H-PFUnDA(anion)) (CAS No. 69681-37-4)
7H-Dodecanefluoroheptane Acid (HPFHpA) and its salts (CAS No. 1546-95-8 and its salts)	Sodium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-Na) (CAS No. 2264-25-7)
	Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-NH4) (CAS No. 376-34-1)
	7H-Perfluoroheptanoate (HPFHpA(anion)) (CAS No. 69681-35-2)
Perfluorooctanesulphonic acid 1H,1H,2H,2H (6:2 FTS) and its salts (CAS No. 27619-97-2 and its salts)	Sodium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-Na*) (CAS No. 27619-94-9)
	Potassium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-K*) (CAS No. 59587-38-1)
	Ammonium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-NH4) (CAS No. 59587-39-2)

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Classification	Substances
Perfluorooctanesulphonic acid 1H,1H,2H,2H (6:2 FTS) and its salts (CAS No. 27619-97-2 and its salts)	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) (CAS No. 1807944-82-6)
	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctane-1-sulfonate (6:2 FTS(anion)) (CAS No. 425670-75-3)
1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 FTS) and its salts (CAS No. 757124-72-4 and its salts)	1H,1H,2H,2H-perfluorohexane sulfonate acid sodium salt (4:2 FTS-Na) (CAS No. 27619-93-8)
	4: 2 Fluorotelomer sulfonate (4:2FTS(anion)) (CAS No. 414911-30-1)
4,8-Dioxa-3H-perfluorononanoic acid and its salts (ADONA) and its salts (CAS No. 919005-14-4 and its salts)	Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA-NH4) (ADONA- NH4) (CAS No. 958445-44-8)
	Sodium 4,8-dioxa-3H-perfluorononanoate (ADONA-Na) (ADONA-Na) (CAS No. 2250081-67-3)
9-Chlorohexadecafluoro-3-oxanonane-1- sulfonic acid (9Cl-PF3ONS) and its salt (CAS No. 756426-58-1 and its salt)	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (CAS No.73606-19-6)
	Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate (CAS No.1383434-28-3)
11-Chloroeicosafuoro-3-oxaundecane-1- sulfonic acid (11Cl-PF3OUdS) and its salts (CAS No. 763051-92-9 and its salts)	Potassium 11-chloroeicosafuoro-3-oxaundecane-1-sulfonate (CAS No.83329-89-9)

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Classification	Substances
Pentafluoropropionic acid (PFPrA) and its salts (CAS No. 422-64-0 and its salts)	Sodium pentafluoropropionate (PFPrA-Na) (CAS No. 378-77-8)
	Silver pentafluoropropionate (CAS No. 509-09-1)
	Potassium pentafluoropropionate (CAS No. 378-76-7)
	Ammonium pentafluoropropionate (CAS No. 2730-58-7)
Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid and its salts (HFPO-TA) and its salts (CAS No. 13252-14-7 and its salts)	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) (CAS No.67118-57-4)
	Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid, sodium salt (HFPO-TA-Na) (CAS No.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-NH4) (CAS No.13043-05-5)
	Perfluoro(2,5-dimethyl-3,6-dioxanonanoyl) fluoride (HFPO-TA-F) (CAS No.2641-34-1)
Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl] (EtFHxSAA) and its salts (CAS No. 68957-32-4 and its salts)	Potassium N-ethyl-n-[(tridecafluorohexyl)sulfonyl]glycinate (EtFHxSAA-K) (EtFHxSAA-K) (CAS No. 67584-53-6)
	Sodium N-ethyl-N-((tridecafluorohexyl)sulphonyl)glycinate (EtFHxSAA-Na) (CAS No. 68555-70-4)

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Classification	Substances
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS) and its salts (CAS No.120226-60-0 and its salts)	1H,1H,2H,2H-Perfluorododecane sulfonic acid sodium salt (10:2 FTS-Na) (CAS No.108026-35-3)
10:2 Fluortelomerphosphatediester (10:2 diPAP) and its salts (CAS No. 1895-26-7 and its salts)	bis[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl] hydrogen phosphate, compound with 2,2'-iminodiethanol (1:1) (1:1)(10:2 diPAP-C4H11O2) (CAS No. 57677-98-2)
10:2 Fluortelomerphosphatemonoester (10:2 monoPAP) and its salts (CAS No. 57678-05-4 and its salts)	0:2 Fluorotelomer diammonium dihydrogen phosphate (CAS No. 93857-45-5)
Perfluoropentadecanoic Acid (PFPeDA) and its salts (CAS No. 141074-63-7 and its salts)	Nonacosafuoropentadecanoate (PFPeDA (anion)) (CAS No. 1214264-29-5)
Perfluohexadecanoic acid (PFHxDA) and its salts (CAS No. 67905-19-5 and its salts)	Hentriacontafuorohexadecanoate anion (PFHxDA (anion)) (CAS No. 1214264-30-8)

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Classification	Substances
Perfluorooctadecanoic acid (PFODA) and its salts (CAS No. 16517-11-6 and its salts)	Perfluorooctadecanoate anion (PFODA (anion)) (CAS No. 798556-82-8)
Perfluorooctane sulfonamidoacetic Acid (FOSAA) and its salts (CAS No. 2806-24-8 and its salts)	N-[(Perfluorooctyl)sulfonyl]glycinate (FOSAA(anion)) (CAS No. 909405-47-6)
	N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K) (CAS No. 75260-69-4)
	N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na) (CAS No. 115716-87-5)
N-methylperfluorooctane sulfonamidoacetic acid (N-MeFOSAA) and its salts (CAS No. 2355-31-9 and its salts)	2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA(anion)) (CAS No. 909405-48-7)
	Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K) (CAS No. 70281-93-5)
N-ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA) and its salts (CAS No. 2991-50-6 and its salts)	Potassium N-ethyl-N-((heptadecafluorooctyl)sulphonyl)glycinate (Et-FOSAA-K) (CAS No. 2991-51-7)
	2-(Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA(anion)) (CAS No. 909405-49-8)
	Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate (Et-FOSAA-NH4) (CAS No. 2991-52-8)
	Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (Et-FOSAA-Na) (CAS No. 3871-50-9)

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Classification	Substances
6:6 Perfluorophosphinic acid (PFPI) and its salts (CAS No.40143-77-9 and its salts)	Sodium bis(perfluorohexyl)phosphinate (PFPI-Na) (CAS No. 70609-44-8)
	Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt (PFPI-Yb) (CAS No. 500776-72-7)
	Bis(perfluorohexyl) phosphinic acid erbium(3+) salt (PFPI-Er) (CAS No. 500776-73-8)
8:8 Perfluorophosphinic acid (8:8 PFPI) and its salts (CAS No.40143-79-1 and its salts)	Sodium bis(perfluorooctyl)phosphinate (8:8 PFPI-Na) (CAS No. 500776-69-2)
	Bis(perfluorooctyl) phosphinic acid erbium(3+) salt (PFPI-Er) (CAS No. 500776-70-5)
	Bis(perfluorooctyl) phosphinic acid ytterbium(3+) salt (PFPI-Yb) (CAS No. 500776-71-6)
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP) and its salts (CAS No.57678-01-0 and its salts)	Diammonium 6:2 fluorotelomer phosphate monoester (6:2 monoPAP-NH ₄ NH ₄) (CAS No. 1000852-37-8)
Perfluorohexyl ethylphosphonic acid (6:2 FTPA) and its salts (CAS No.252237-40-4 and its salts)	Sodium hydrogen ((perfluorohexyl)ethyl)phosphonate (Cheminox FHP 2OH-Na(PFHEPA-Na)) (CAS No. 1189052-95-6)

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Classification	Substances
6:2 Fluorotelomer phosphate diester (6:2diPAP) and its salts (CAS No.57677-95-9 and its salts)	Sodium bis[2-(perfluorohexyl)ethyl] phosphate 6:2 diPAP-Na) (CAS No. 407582-79-0)
	Bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphate ion (6:2 diPAP(anion)) (CAS No. 667465-18-1)
Bis(trifluoromethane)sulfonimide (TFSI) and its salts (CAS No.82113-65-3 and its salts)	Pyrrolidinium, 1-butyl-methyl-, salt with 1,1,1-trifluoro-N-[(trifluoromethyl)sulfonyl]methanesulfonamide (1:1) (CAS No. 223437-11-4)
	Tributylmethyl Ammonium Bis(trifluoromethanesulfonyl) Imide (CAS No. 405514-94-5)
	Lithium bis((trifluoromethyl)sulfonyl)azanide (TFSI-Li) (CAS No. 90076-65-6)
	1-Decyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide (CAS No. 433337-23-6)

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Classification	Substances
Mono-[2-(perfluorooctyl)ethyl]phosphate and its salts (8:2 monoPAP) and its salts (CAS No.57678-03-2 and its salts)	8:2 Fluorotelomer diammonium phosphate (CAS No. 93857-44-4)
	Disodium 1H,1H,2H,2H-perfluorodecylphosphate (CAS No. 438237-75-3)
	Ammonium bis[2-(perfluorohexyl)ethyl] phosphate (CAS No. 1764-95-0)
	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt (CAS No. 92401-44-0)
	Sodium 1H,1H,2H,2H-perfluorooctylphosphate (CAS No. 144965-22-0)
	Monopotassium monoperfluorohexyl ethylphosphate (CAS No. 150033-28-6)
	Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate (CAS No. 2353-52-8)

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Classification	Substances
Trifluoromethane sulfonic acid (TFMS) and its salts (CAS No.1493-13-6 and its salts)	Trifluoromethane sulfonic acid Sodium salt (TFMS-Na) (CAS No. 2926-30-9)
	Silver trifluoromethanesulfonate (TFMS-Ag) (CAS No. 2923-28-6)
	Zinc trifluoromethanesulfonate (TFMS-Zn) (CAS No. 54010-75-2)
	Scandium trifluoromethanesulfonate (TFMS-Sc) (CAS No. 144026-79-9)
	Trifluoromethanesulfonic anhydride (CAS No. 358-23-6)
	Lithium trifluoromethanesulfonate (TFMS-Li) (CAS No. 33454-82-9)
	Copper(II) trifluoromethanesulfonate (TFMS-Cu) (CAS No. 34946-82-2)
	Barium trifluoromethanesulfonate (TFMS-Ba) (CAS No. 2794-60-7)
	Cerium(IV) trifluoromethanesulfonate (TFMS-Ce) (CAS No. 107792-63-2)

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Classification	Substances
Trifluoromethane sulfonic acid (TFMS) and its salts (CAS No.1493-13-6 and its salts)	Magnesium trifluoromethanesulfonate (TFMS-Mg) (CAS No. 60871-83-2)
	Potassium trifluoromethanesulfonate (TFMS-K) (CAS No. 2926-27-4)
	Nickel(II) Trifluoromethanesulfonate (TFMS-Ni) (CAS No. 60871-84-3)
	Tin(II) trifluoromethanesulfonate (TFMS-Sn) (CAS No. 62086-04-8)
	Yttrium(III) trifluoromethanesulfonate (TFMS-Y) (CAS No. 52093-30-8)
	Iron(III) trifluoromethanesulfonate (TFMS-Fe) (CAS No. 63295-48-7)
	Cerium(III) Trifluoromethanesulfonate (TFMS-Ce) (CAS No. 76089-77-5)
Perfluoropropate sulfonic acid (PFPrS) and its salts (CAS No.423-41-6 and its salts)	Perfluoropropanesulfonic acid sodium salt (PFPrS-Na) (CAS No. 359868-82-9)

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Classification	Substances
Perfluoroheptane-1-sulfonic acid and its salts (PFHpSi) and its salts (CAS No.769067-51-8 and its salts)	1-heptanesulfonic Acid Sodium Salt (PFHpSi-Na) (CAS No. 68555-66-8)
Perfluorooctylphosphonic acid and its salts (PFOPA) and its salts (CAS No.40143-78-0 and its salts)	(Heptadecafluorooctyl)phosphonic acid--4-methylaniline (1/1) (CAS No. 1263361-03-0)
Ethyl perfluoroisobutyl ether and its isomers (CAS No.163702-05-4 and its salts)	Perfluoroisobutyl ethyl ether (CAS No. 163702-06-5)

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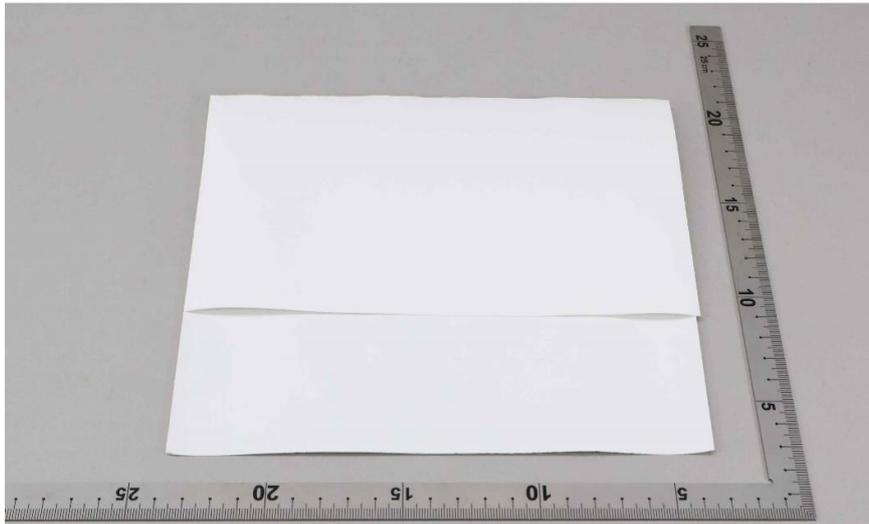
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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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