

Test Report

No.: HKC26400109

DATE: 2026/05/06

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U-GIN ADVANCED MATERIAL CO.,LTD.

9F.-5, NO. 266, SEC. 1, WENHUA 2ND RD., LINKOU DIST., NEW TAIPEI CITY 244022, TAIWAN

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

Sample Submitted By : U-GIN ADVANCED MATERIAL CO.,LTD.
Sample Description : HYDROPHILIC ANTI-FOG ADHESIVE

Sample Receiving Date : 2026/04/20
Testing Period : 2026/04/20 to 2026/04/29

Test Requested : As requested by the client, the risk of PFAS in the sample is evaluated. Total amounts of evaluated PFAS are 670 items, including 150 tested items and 520 listed items.

Test Result(s) : Not Detected.

Ray Chang

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



PIN CODE: F833F96B

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Test Part Description

No.1 : TRANSPARENT PLASTIC SHEET (EXCLUDING THE RELEASE PAPER)

Test Method

Modified EN 17681-1: 2025, Analysis was conducted by GC-MS and LC-MS/MS.

Test Result(s)

Test Item(s)	Unit	RL	Result
			No.1
All PFAS in attached table	mg/kg	-	n.d.

Note:

1. mg/kg = ppm ; 0.1% = 1000 ppm
2. RL = Reporting Limit
3. n.d. = Not Detected = Less than RL
4. "-" = No Regulated ; "---" = No Conducted
5. The report is invalid if it is partly reproduced or used.
6. The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above results was/were only given as the informality value.

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7. The quantitative technology of PFAS is to analyze the specific structure of PFAS substances. However, PFAS acid and its salts with the same carbon number group have the same specific structure that can be identified. The tested results of the analyzed specific structure cannot be distinguished to identify the contribution from PFAS acid or its salts. Therefore, the tested results display the sum of concentrations of PFAS acids and its salts with the same carbon number group. The concentration of PFAS substances in the below table have been included in the tested results, please refer to the table for relevant information: (The listed PFAS substances are examples only, it do not include all PFAS salts with the same carbon number group.)

Attached table

Classification	Substances	Cas NO.	RL (mg/kg)
PFOS, its salts and derivatives	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.01
	Potassium perfluorooctane sulfonate (PFOS-K)	2795-39-3	-
	Lithium perfluorooctane sulfonate (PFOS-Li)	29457-72-5	-
	Sodium perfluorooctane sulfonate (PFOS-Na)	4021-47-0	-
	Ammonium perfluorooctane sulfonate (PFOS-NH ₄)	29081-56-9	-
	Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(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-heptadecafluorooctane-1-sulfonate (PFOS-DDA)	251099-16-8	-
	TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C ₄ H ₉) ₄)	111873-33-7	-
	Perfluoro-1-octanesulfonyl fluoride (PFOS-F)	307-35-7	-
	Perfluorooctanesulfonic acid, magnesium salt (PFOS-Mg)	91036-71-4	-
	Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate	71463-74-6	-
	Perfluorooctanesulfonate (anion)	45298-90-6	-
	Triethylammonium perfluorooctane sulfonate	54439-46-2	-
	Tetramethylammonium perfluorooctane sulfonate	56773-44-5	-
N,N,N-Tripropylpentane-1-aminium heptadecafluorooctane-1-sulfonate	56773-56-9	-	

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Classification	Substances	Cas NO.	RL (mg/kg)
PFOS, its salts and derivatives	N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate	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 heptadecafluorooctane-1-sulfonate	773895-92-4	-
	Tetrabutylphosphonium perfluorooctane sulfonate	2185049-59-4	-
	Perfluorooctanesulfonic acid diethylamine salt (PFOS-C ₄ H ₁₁ N)	2205029-08-7	-
	Heptyldimethyl{2-[(2-methylprop-2-enyl)oxy]ethyl}azanium perfluorooctanesulfonate (PFOS-C ₁₅ H ₃₀ NO ₂)	1203998-97-3	-
	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, 1,1'-anhydride (PFOSAN)	423-92-7	-
-	Perfluorooctanesulfonyl chloride (PFOS-Cl)	423-60-9	-
-	N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	0.01
-	N-Methyl-Perfluorooctanesulfonamide (N-Me-FOSA)	31506-32-8	0.01
-	N-Ethyl-Perfluorooctanesulfonamidoethanol (N-Et-FOSE alcohol)	1691-99-2	0.01
-	N-Methyl-Perfluorooctanesulfonamidoethanol (N-Me-FOSE alcohol)	24448-09-7	0.01
PFOSA, its salts	Perfluorooctane sulfonamide (PFOSA)	754-91-6	0.01
	Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)	76752-79-9	-
	Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)	76752-78-8	-

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Classification	Substances	Cas NO.	RL (mg/kg)
PFOSA, its salts	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	-
FOSAA, its salts	Perfluorooctane sulfonamidoacetic Acid (FOSAA)	2806-24-8	0.01
	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-methylperfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	2355-31-9	0.01
	2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA(anion))	909405-48-7	-
	Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K)	70281-93-5	-
N-EtFOSAA, its salts	N-ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	2991-50-6	0.01
	Potassium N-ethyl-N- ((heptadecafluorooctyl)	2991-51-7	-
	2-(Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA(anion))	909405-49-8	-
	Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate (Et-FOSAA-NH ₄)	2991-52-8	-
	Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (Et-FOSAA-Na)	3871-50-9	-
PFOA, its salts and derivatives	Perfluorooctanoic acid (PFOA)	335-67-1	0.01
	Sodium perfluorooctanoate (PFOA-Na)	335-95-5	-
	Potassium perfluorooctanoate (PFOA-K)	2395-00-8	-
	Silver perfluorooctanoate (PFOA-Ag)	335-93-3	-

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Classification	Substances	Cas NO.	RL (mg/kg)
PFOA, its salts and derivatives	Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	-
	Ammonium perfluorooctanoate (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	-
	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)	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)	1376936-03-6	-
	Octanoic acid, pentadecafluoro-, compd. with pyridine (1:1) (9Cl) (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	-
	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)	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	0.01
	1H,1H,2H,2H-Perfluorodecane sulfonate acid Potassium salt (8:2 FTS-K)	438237-73-1	-

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Classification	Substances	Cas NO.	RL (mg/kg)
8:2 FTS, its salts	1H,1H,2H,2H-Perfluorododecane sulfonate acid Ammonium salt (8:2 FTS-NH ₄)	149724-40-3	-
	1H,1H,2H,2H-Perfluorododecane sulfonate acid Sodium salt (8:2 FTS-Na)	27619-96-1	-
	8: 2 Fluorotelomer sulfonate (anion) (8:2 FTS(anion))	481071-78-7	-
	2-(Perfluorooctyl)ethanesulfonyl chloride (8:2 FTS-Cl)	27619-90-5	-
-	Perfluoro-1-iodooctane (PFOI)	507-63-1	0.1
H2PFDA, its salts	2H,2H Perfluorodecane Acid (H2PFDA)	27854-31-5	0.01
	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate	882489-14-7	-
-	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	0.1
-	1H,1H,2H,2H-Perfluorodecyl iodide (8_2 FTI)	2043-53-0	0.1
-	1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	0.1
8:2 diPAP, its salts	bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) hydrogen phosphate (8:2 diPAP)	678-41-1	0.01
	Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2 diPAP-Na)	114519-85-6	-
	Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate	57677-97-1	-
	Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt	93776-20-6	-
	8:2 Fluorotelomer phosphate diester ion	1411713-91-1	-
8:3 FTCA, its salts	2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA)	34598-33-9	0.01
	Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K)	83310-58-1	-
	lithium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-Li)	67304-23-8	-
-	1H,1H,2H-Heptadecafluoro-1-decene (PFDE)	21652-58-4	0.1
-	3-Perfluoroheptyl propanoic acid (7:3 FTCA)	812-70-4	0.01
-	1H,1H,2H,2H-Perfluorodecyltrichlorosilane	78560-44-8	0.1
-	1H,1H,2H,2H-Perfluorodecyltrimethoxysilane	83048-65-1	

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-	2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	0.01
-	6:8 Perfluorophosphinic acid (6:8 PFPi)	610800-34-5	0.01
8:8 PFPi, its salts	8:8 Perfluorophosphinic acid (8:8 PFPi)	40143-79-1	0.01
	Sodium bis(perfluorooctyl)phosphinate (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	Mono-[2-(perfluorooctyl)ethyl]phosphate (8:2 monoPAP)	57678-03-2	0.1
	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	-
-	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	0.1
-	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	0.1
-	1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	0.1
-	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	0.1
-	1H,1H,2H,2H-Heptadecafluorodecyl acetate (8:2 FTOAc)	37858-04-1	0.1
PFNA, its salts	Perfluorononane Acid (PFNA)	375-95-1	0.01
	Sodium heptadecafluorononanoate (PFNA-Na)	21049-39-8	-
	Perfluorononanoate ammonium salt (PFNA-NH ₄)	4149-60-4	-
	Potassium perfluorononanoate (PFNA-K)	21049-38-7	-
	Lithium perfluorononanoate (PFNA-Li)	60871-92-3	-
	Silver perfluorononanoate (PFNA-Ag)	7358-16-9	-

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PFNA, its salts	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 Nethylethanamine (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 Nmethylmethanamine (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	-
	Heptadecafluorononanoyl chloride (PFNA-Cl)	52447-23-1	-
	Heptadecafluorononanoyl fluoride (PFNA-F)	558-95-2	-
	Heptadecafluorononanoyl Bromide (PFNA-Br)	261503-42-8	-
PFDA, its salts	Perfluorodecane Acid (PFDA)	335-76-2	0.01
	Sodium nonadecafluorodecanoate (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	-

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9F.-5, NO. 266, SEC. 1, WENHUA 2ND RD., LINKOU DIST., NEW TAIPEI CITY 244022, TAIWAN

Classification	Substances	Cas NO.	RL (mg/kg)
PFDA, its salts	Perfluorodecanoate (anion)	73829-36-4	-
	Perfluorodecanoic anhydride (PFDA-A)	942199-24-8	-
	Perfluorodecanoyl chloride (PFDA-Cl)	307-38-0	-
	Nonadecafluorodecanoyl Fluoride (PFDA-F)	--	-
PFUnDA, its salts	Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	0.01
	Sodium perfluoroundecanoate (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	0.01
	Ammonium tricosafuorododecanoate (PFDoDA-NH ₄)	3793-74-6	-
	Perfluorododecanoate (anion)	171978-95-3	-
PFTrDA, its salts	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	0.01
	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	0.01
	Perfluorotetradecanoate (anion)	365971-87-5	-
-	Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	0.01
PFDS, its salts	Perfluorodecane sulfonic Acid (PFDS)	335-77-3	0.01
	Sodium perfluorodecanesulfonate (PFDS-Na)	2806-15-7	-
	Potassium perfluorodecanesulfonate (PFDS-K)	2806-16-8	-
	Perfluorodecanesulfonic acid ammonium salt (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	-
-	1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	0.1
-	1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	0.1
10:2 FTS, its salts	1H,1H,2H,2H-Perfluorododecane sulfonic (10:2 FTS)	120226-60-0	0.01

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Classification	Substances	Cas NO.	RL (mg/kg)
10:2 FTS, its salts	1H,1H,2H,2H-Perfluorododecane sulfonic acid sodium salt (10:2 FTS-Na)	108026-35-3	-
	2-(Perfluorodecyl)ethane-1-sulfonyl chloride (10:2 FTS-Cl)	27619-91-6	-
-	1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1	0.1
-	1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	0.1
PFNS, its salts	Perfluorononane sulfonic acid (PFNS)	68259-12-1	0.01
	Sodium perfluorononanesulfonate (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	0.01
	Perfluoroundecanesulfonate (anion)	441296-91-9	-
PFDoDS, its salts	Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	0.01
	Sodium perfluorododecanesulfonate (PFDoDS-Na)	1260224-54-1	-
	Potassium perfluorododecanesulfonate (PFDoDS-K)	85187-17-3	-
	Perfluorododecane sulfonate (anion)	343629-43-6	-
PFTrDS, its salts	Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8	0.01
	Sodium perfluorotridecanesulfonate (PFTrDS-Na)	174675-49-1	-
10:2 diPAP, its salts	10:2 Fluortelomerphosphatediester (10:2 diPAP)	1895-26-7	0.1
	bis[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafluorododecyl] hydrogen phosphate, compound with 2,2'-iminodiethanol (1:1) (10:2 diPAP-C ₄ H ₁₁ O ₂)	57677-98-2	-
-	Perfluorodecyl iodide (PFDI)	423-62-1	0.1
-	Perfluorodecyl iodide (PFDoDI)	307-60-8	0.1
-	2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	0.01
-	2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	0.01
10:2 monoPAP, its salts	10:2 Fluortelomerphosphatemonoester (10:2 monoPAP)	57678-05-4	0.1
	Fluortelomer diammonium dihydrogen phosphate	93857-45-5	-

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Classification	Substances	Cas NO.	RL (mg/kg)
10:2 monoPAP, its salts	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	-
-	1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	0.1
-	1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	0.1
-	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuoro-, 1-acetate (10:2 FTOAc)	37858-05-2	0.1
PFDPA, its salts	perfluorodecylphosphonic acid (PFDPA)	52299-26-0	0.01
	Perfluorodecylphosphonic Acid 4-Methylbenzamine	--	-
	Perfluorodecylphosphonic Acid Di-4-toluidine Salt	--	-
-	((Perfluorooctyl)ethyl)phosphonic acid	80220-63-9	0.02
PFHxS, its salts and derivatives	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	0.01
	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 (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	108427-54-9	-
	N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate (1:1)	108427-55-0	-

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Classification	Substances	Cas NO.	RL (mg/kg)
PFHxS, its salts and derivatives	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	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)	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)	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)	1310480-28-4	-
	Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate	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)	1329995-69-8	-
	Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	144116-10-9	-

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Classification	Substances	Cas NO.	RL (mg/kg)
PFHxS, its salts and derivatives	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)	1462414-59-0	-
	Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	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)	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)	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)	213740-81-9	-
	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)	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)	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	-

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Classification	Substances	Cas NO.	RL (mg/kg)
PFHxS, its salts and derivatives	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)	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 (1:2)	421555-74-0	-
	Perfluorohexylsulfanyl fluoride (PFHxS-F)	423-50-7	-
	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)	425670-70-8	-
	Perfluorohexanesulfonic acid, Zinc salt (PFHxS-Zn)	70136-72-0	-
	Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	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)	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)	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)	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)	911027-68-4	-	
Cesium perfluorohexanesulfonate (PFHxS-Cs)	92011-17-1	-	

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Classification	Substances	Cas NO.	RL (mg/kg)
PFHxS, its salts and derivatives	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)	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	911027-69-5	-
	Perfluorohexane sulfonate (anion)	108427-53-8	-
-	Tetrabutylphosphonium perfluorohexane sulfonate	2310194-12-6	-
-	N-Methylperfluoro-1-hexanesulfonamide (N-Me-FHxSA)	68259-15-4	0.01
-	Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	0.01
-	N-[3-(dimethylamino)propyl]tridecafluorohexanesulphonamide (N-AP-FHxSA)	50598-28-2	0.01
-	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl- (MeFHxSE)	68555-75-9	0.01
EtFHxSAA, its salts	(Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]) (EtFHxSAA)	68957-32-4	0.01
	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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9F.-5, NO. 266, SEC. 1, WENHUA 2ND RD., LINKOU DIST., NEW TAIPEI CITY 244022, TAIWAN

Classification	Substances	Cas NO.	RL (mg/kg)
-	2-[Methyl[(tridecafluorohexyl)sulphonyl]amino]ethyl acrylate (N-MeFHSEA)	67584-57-0	0.2
-	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67906-70-1	0.1
-	2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-61-6	0.1
PFHxA, its salts and derivatives	Perfluorohexane Acid (PFHxA)	307-24-4	0.01
	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	-
	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-, compd. with 1-hexanamine (1:1) (PFHxA-C ₆ H ₁₅ N)	565225-91-4	-
	Hexanoic acid, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-, compd. with 1-phenylpiperazine (1:1) (PFHxA-C ₁₀ H ₁₄ N ₂)	985-60-4	-
-	1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	0.1
-	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	0.1
6:2 FTS, its salts	Perfluorooctanesulphonic acid (6:2 FTS)	27619-97-2	0.01

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Classification	Substances	Cas NO.	RL (mg/kg)
6:2 FTS, its salts	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	-
	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctane-1-sulfonate (6:2 FTS(anion))	425670-75-3	-
	2-(Perfluorohexyl)ethanesulfonyl chloride (6:2 FTS-Cl)	27619-89-2	-
	2-(Perfluorohexyl)ethanesulfonyl fluoride (6:2 FTS-F)	--	-
-	Perfluorooctyl triethoxysilane (POTS)	51851-37-7	0.1
-	1H,1H,2H,2H-Perfluorooctyltrichlorosilane	78560-45-9	0.1
-	1H,1H,2H,2H-Perfluorooctyltrimethoxysilane	85857-16-5	
-	Perfluorohexyl iodide (PFHxl)	355-43-1	0.2
-	2-Iodo-1H,1H,1H,2H,3H,3H-perfluorononane	38550-34-4	0.2
-	N-[3-(dimethylamino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide N-oxide	80475-32-7	0.1
-	Thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	0.2
6:2 monoPAP, its salts	6:2 Fluorotelomer phosphate monoester (6:2 monoPAP)	57678-01-0	0.1
	Diammonium 6:2 fluorotelomer phosphate monoester (6:2 monoPAP-NH ₄ NH ₄)	1000852-37-8	-
-	2H,2H,3H,3H-Perfluorononanoic acid (6:3 FTCA)	27854-30-4	0.1
-	1H,1H,2H,2H-Perfluorooctanethiol (6:2 FTSH)	34451-26-8	0.2
-	1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	0.2

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Classification	Substances	Cas NO.	RL (mg/kg)
-	1-Iodo-1H,1H-Perfluoroheptane (6:1 FTI)	212563-43-4	0.2
-	3-(Perfluorohexyl)propyl iodide (6:3 FTI)	89889-20-3	0.2
6:2 FTPA, its salts	Perfluorohexyl ethylphosphonic acid (6:2 FTPA)	252237-40-4	0.1
	Sodium hydrogen ((perfluorohexyl)ethyl)phosphonate (Cheminox FHP ₂ OH-Na(PFHEPA-Na))	1189052-95-6	-
-	1H,1H-perfluorohexan-1-ol (5:1 FTOH)	423-46-1	0.2
-	1H,1H-perfluoro-1-heptanol (6:1 FTOH)	375-82-6	0.2
-	3-(perfluorohexyl)propanol (6:3 FTOH)	80806-68-4	0.2
-	3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol	914637-05-1	0.2
-	1-(perfluorohexyl)octane	133331-77-8	0.2
-	1H,1H-Perfluoroheptylamine (6:1 FTNH ₂)	423-49-4	0.2
-	2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	0.01
6:6 PFPI, its salts	6:6 Perfluorophosphinic acid (6:6 PFPI)	40143-77-9	0.01
	Sodium bis(perfluorohexyl)phosphinate (PFPI-Na)	70609-44-8	-
	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	-
-	1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	0.1
-	1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMAC)	2144-53-8	0.1
-	2-(N-ethylperfluorooctanesulfamido)ethyl acrylate (EtFOSAC)	423-82-5	0.1
PFPeDA, its salts	Perfluoropentadecanoic Acid (PFPeDA)	141074-63-7	0.1
	Nonacosafuoropentadecanoate (PFPeDA (anion))	1214264-29-5	-
PFHxDA, its salts	Perfluohexadecanoic acid (PFHxDA)	67905-19-5	0.01
	Hentriacontafuorohexadecanoate (PFHxDA (anion))	1214264-30-8	-
PFODA, its salts	Perfluorooctadecanoic acid (PFODA)	16517-11-6	0.01
	Perfluorooctadecanoate anion (PFODA (anion))	798556-82-8	-
-	N-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-1-hexanesulfonamide	34455-03-3	0.01
PFBA, its salts	Perfluorobutane acid (PFBA)	375-22-4	0.01
	Ammonium perfluorobutanoate (PFBA-NH ₄)	10495-86-0	-

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Classification	Substances	Cas NO.	RL (mg/kg)
PFBA, its salts	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	-
	Heptafluorobutyryl 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 and derivatives	Perfluorobutanesulfonic acid (PFBS)	375-73-5	0.01
	Potassium perfluorobutanesulfonate (PFBS-K)	29420-49-3	-
	Perfluorobutane sulfonic acid hydrate (PFBS-H ₂ O)	59933-66-3	-
	Lithium perfluorobutanesulfonate (PFBS-Li)	131651-65-5	-
	Triphenylsulfonium perfluorobutanesulfonate (TPS-PFBS)	144317-44-2	-
	dimethyl(phenyl)sulfanium nonafluorobutane-1-sulfonate	220133-51-7	-
	Tetrabutyl-phosponium perfluorobutanesulfonate	220689-12-3	-
	N,N,N,-Triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	25628-08-4	-
	Perfluorobutanesulfonyl fluoride (PFBS-F)	375-72-4	-

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Classification	Substances	Cas NO.	RL (mg/kg)
PFBS, its salts and derivatives	N-Morpholinium perfluorobutanesulfonate	503155-89-3	-
	Magnesium perfluorobutanesulfonate (PFBS-Mg)	507453-86-3	-
	Ammonium perfluorobutanesulfonate (PFBS-NH ₄)	68259-10-9	-
	1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate	209482-18-8	-
	Perfluorobutanesulphonyl chloride (PFBS-Cl)	2991-84-6	-
	Sodium perfluorobutanesulfonate (PFBS-Na)	60453-92-1	-
	Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanesulfonate	194999-85-4	-
	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-18-2	-
	Tetrabutylammonium nonafluorobutanesulfonate	108427-52-7	-
	Diphenyliodonium nonafluorobutane-1-sulfonate	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	-	

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Classification	Substances	Cas NO.	RL (mg/kg)
PFBS, its salts and derivatives	2-Propanaminium, N,N-dimethyl-N-(1-methylethyl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorosulfonate (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-butanefluorosulfonate (1:1)	857285-80-4	-
	1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorosulfonate (1:1)	124472-66-8	-
	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1)	502457-69-4	-
	1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorosulfonate (1:1)	56773-55-8	-
	Perfluorobutanefluorosulfonic acid tetramethylammonium salt	25628-17-5	-
	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 No. 468-770-4	-
	Triethylammonium perfluorobutane sulfonate	182059-38-7	-
	N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanefluorosulfonate (1:1)	334529-55-4	-
	1-Hexadecylpyridinium perfluoro-1-butanefluorosulfonate	334529-62-3	-
	1-Butylpyridinium perfluoro-1-butanefluorosulfonate	334529-64-5	-
	N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanefluorosulfonate	495417-51-1	-
	Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanefluorosulfonic acid (1:1)	722538-68-3	-
N-Ethyl-N-methyl-N-propylammonium perfluorobutanefluorosulfonate	1186599-90-5	-	

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PFBS, its salts and derivatives	[4-(2-Methylpropyl)phenyl]-diphenylsulfanium;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	0.01
	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	-
	Pentanoic acid, 2,2,3,3,4,4,5,5,5-nonafluoro-, compd. with phenylmethyl carbamimidothioate(1:1) (PFPeA-C ₈ H ₁₀ N ₂ S)	64808-55-5	-
	Nonafluoropentanoic anhydrid (PFPeAA)	308-28-1	-
	Perfluoropentanoyl chloride (PFPeA-Cl)	375-60-0	-
	Perfluoropentanoyl fluoride (PFPeA-F)	375-62-2	-
PFHpA, its salts	Perfluoroheptane acid (PFHpA)	375-85-9	0.01
	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	-

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U-GIN ADVANCED MATERIAL CO.,LTD.

9F.-5, NO. 266, SEC. 1, WENHUA 2ND RD., LINKOU DIST., NEW TAIPEI CITY 244022, TAIWAN

Classification	Substances	Cas NO.	RL (mg/kg)
PFHpS, its salts	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	0.01
	Sodium perfluoroheptanesulfonate (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	-
	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, anhydride (9Cl) (PFHpSA)	140429-92-1	-
	Perfluoroheptanesulfonyl fluoride (PFHpS-F)	335-71-7	-
	Perfluoroheptanesulfonyl chloride (PFHpS-Cl)	33018-82-5	-
HPFHpA, its salts	7H-Dodecanefluoroheptane Acid (HPFHpA)	1546-95-8	0.01
	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	-
	7H-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	-
	Perfluoroheptanoyl Bromide (HPFHpA-Br)	159623-34-4	-
-	1H,1H,2H,2H-Perfluoro-1-hexanol (4:2FTOH)	2043-47-2	0.4
HFPO-DA, its salts and derivatives	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid (HFPO-DA)	13252-13-6	0.01

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Classification	Substances	Cas NO.	RL (mg/kg)
HFPO-DA, its salts and derivatives	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, ammonium salt (HFPO-DA-NH ₄)	62037-80-3	-
	Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate (HFPO-DA-K)	67118-55-2	-
	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionyl fluoride (HFPO-DA-F)	2062-98-8	-
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)- (isomer)	75579-39-4	-
	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)- (isomer)	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	-
	Benzoic acid, 2,3,6-triiodo-, (1-methyl-3-piperidinyl)methyl ester, compd. with 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoro 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	0.01
	1H,1H,2H,2H-perfluorohexane sulfonate acid sodium salt (4:2 FTS-Na)	27619-93-8	-
	4: 2 Fluorotelomer sulfonate (4:2FTS(anion))	414911-30-1	-

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Classification	Substances	Cas NO.	RL (mg/kg)
PFPeS, its salts	Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	0.01
	Sodium perfluoropentanesulfonate (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	-
-	2-Perfluorohexyl ethanoic acid (6:2 FTCA)	53826-12-3	0.01
5:3 FTCA, its salts	3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3	0.01
	2H,2H,3H,3H-Perfluorooctanoate (5:3 FTCA(anion))	1799325-94-2	-
ADONA, its salts	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	0.01
	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	0.01
	Perfluoro-3-methoxypropanoic anhydride (PFMPAA)	42566-65-4	-
-	Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	0.01
-	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	0.01
9Cl-PF ₃ ONS, its salts	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF ₃ ONS)	756426-58-1	0.01
	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	73606-19-6	-
	Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate	1383434-28-3	-

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Classification	Substances	Cas NO.	RL (mg/kg)
9CI-PF3ONS, its salts	Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonate) (9CI-PF ₃ ONS(anion))	1621485-21-9	-
11CI-PF3OUdS, its salts	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	763051-92-9	0.01
	Potassium 11-chloroeicosafuoro-3-oxaundecane-1-sulfonate	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	-
PFEEESA, its salts	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	113507-82-7	0.01
	Potassium perfluoro(2-ethoxyethane) sulfonate (PFEEESA-K)	117205-07-9	-
	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	0.01
	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	-
-	Perfluorobutane sulfon amides	30334-69-1	0.1
-	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	0.01
11H-PFUnDA, its salts	Perfluoroundecanoic Acid (11H-PFUnDA)	1765-48-6	0.1
	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	0.1
	Sodium pentafluoropropionate (PFPrA-Na)	378-77-8	-

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Classification	Substances	Cas NO.	RL (mg/kg)
PFPrA, its salts	Silver pentafluoropropionate (PFPrA-Ag)	509-09-1	-
	Potassium pentafluoropropionate (PFPrA-K)	378-76-7	-
	Ammonium pentafluoropropionate (PFPrA-NH ₄)	2730-58-7	-
	Perfluoropropanoate (PFPrA(anion))	44864-55-3	-
	Pentafluoropropanoic acid-1-phenylpiperazine (1/1) (PFPrA-C ₁₀ H ₁₄ N ₂)	893-87-8	-
	Pentafluoropropanoic 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	Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid (HFPO-TA)	13252-14-7	0.2
	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	-
PFEtS, its salts	Pentafluoroethane sulfonic acid (PFEtS)	354-88-1	0.01
	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	0.01
	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 (6:2 diPAP(anion))	667465-18-1	-
TFSI, its salts	Bis(trifluoromethane)sulfonimide (TFSI)	82113-65-3	0.01
	Pyrrrolidinium, 1-butyl-methyl-, salt with 1,1,1-trifluoro-N-[(trifluoromethyl)sulfonyl]methanesulfonamide (1:1)	223437-11-4	-

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Classification	Substances	Cas NO.	RL (mg/kg)
TFSI, its salts	Tributylmethyl Ammonium Bis(trifluoromethanesulfonyl) Imide	405514-94-5	-
	Lithium bis((trifluoromethyl)sulfonyl)azanide (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 xhydrate ((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 ((TFSI) ₂ -Sr)	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	-	

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TFSI, its salts	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	-
	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-trifluoromethanesulfonyl)trifluoromethanesulfonamido)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	-	

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U-GIN ADVANCED MATERIAL CO.,LTD.

9F.-5, NO. 266, SEC. 1, WENHUA 2ND RD., LINKOU DIST., NEW TAIPEI CITY 244022, TAIWAN

Classification	Substances	Cas NO.	RL (mg/kg)
TFSI, its salts	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(trifluoromethanesulfonyl)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	0.01
	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	-
	Magnesium trifluoromethanesulfonate (TFMS-Mg)	60871-83-2	-
	Potassium trifluoromethanesulfonate (TFMS-K)	2926-27-4	-
Nickel(II) Trifluoromethanesulfonate (TFMS-Ni)	60871-84-3	-	

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Classification	Substances	Cas NO.	RL (mg/kg)
TFMS, its salts	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	-
	Methyltrioctylammonium 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	-	

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Classification	Substances	Cas NO.	RL (mg/kg)
TFMS, its salts	(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	-
	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	-	

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Classification	Substances	Cas NO.	RL (mg/kg)
TFMS, its salts	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	Perfluoropropate sulfonic acid (PFPrS)	423-41-6	0.01
	Perfluoropropanesulfonic acid sodium salt (PFPrS-Na)	359868-82-9	-
-	Perfluoropropanesulfonic acid sodium salt (7:2s FTOH)	24015-83-6	0.2
-	4:2 Fluorotelomer iodide (4:2 FTI)	2043-55-2	0.2
PFHpSi, its salts	Perfluoroheptane-1-sulfinic acid (PFHpSi)	769067-51-8	0.01
	1-heptanesulfinic Acid Sodium Salt (PFHpSi-Na)	68555-66-8	-
PFOPA, its salts	Perfluorooctylphosphonic acid (PFOPA)	40143-78-0	0.01
	(Heptadecafluorooctyl)phosphonic acid--4-methylaniline (1/1)	1263361-03-0	-
-	1H,1H-Perfluorooctylamine	307-29-9	0.2
-	N-methylperfluoro-1-butanefulfonamide	68298-12-4	0.01
-	n-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	0.01
TFA, its salts	Trifluoroacetic acid (TFA)	76-05-1	1
	Sodium trifluoroacetate (TFA-Na)	2923-18-4	-
	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-NH ₄)	3336-58-1	-
	Mercury(II) trifluoroacetate (TFA-Hg)	13257-51-7	-

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Classification	Substances	Cas NO.	RL (mg/kg)
TFA, its salts	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-	94079-71-7	-	
-	1H,1H,2H,2H-Nonafluorohexyl acrylate (4:2 FTA)	52591-27-2	0.2
-	1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA)	1799-84-4	0.1
-	Perfluoroheptanamide	2358-22-7	0.1
-	Perfluorobutyramide	662-50-0	0.2
BETI, its salts	Bis(pentafluoroethylsulfonyl)imide (BETI)	152894-10-5	0.02
	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	-

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Classification	Substances	Cas NO.	RL (mg/kg)
BETI, its salts	1-Ethyl-3-methylimidazolium bis(perfluoroethylsulfonyl)imide	216299-76-2	-
-	Perfluoro-2-ethoxypropanoic acid (PEPA)	267239-61-2	0.01
PFHxPA, its salts	Perfluorohexyl phosphonic acid (PFHxPA)	40143-76-8	0.01
	Perfluorohexylphosphonic Acid 4-Methylbenzamine	1263361-02-9	-
-	3-(Perfluorobutyl)propanoic acid	80705-13-1	0.01
-	Perfluoro-3,6,9-trioxaundecane-1,11-dioic acid	55621-18-6	0.02
-	Perfluorononanedioic acid	23453-64-7	0.02
-	Perfluorooctanedioic acid	678-45-5	0.02

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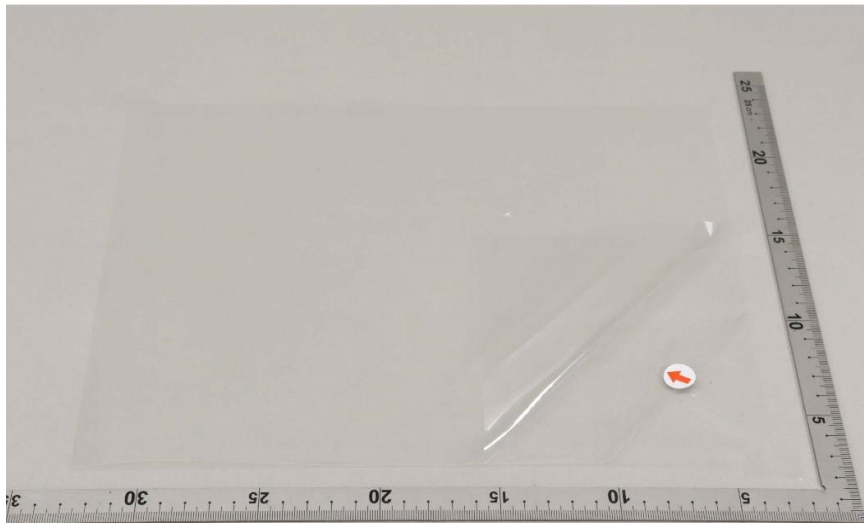
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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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