

Restricted Substance List	Test method	Material							Requirement		
		Plastic and other synthetic material	Natural fiber	Synthetic fiber	Artificial Leather	Coating / Printing	Leather	Metal	Baby (0 - 3 yr)	Children (> 3 yr, < 14 yr)	Adult
Azo Dyes & Arylamine salts	Textile: ISO 14362-1:2017 Leather: ISO 17234-1:2020 4-aminobenzene confirmation: Textile: ISO 14362-3:2017 Leather: ISO 17234-2:2011		X	X	X	X (Textile / Leather)	X			20 mg/kg	
Alkylphenol Ethoxylates (APEO)	APEO Non-leather: ISO 18254-1:2016 with determination of APEO Leather: ISO 18218-1:2023		X	X	X	X (Textile)				NPEO: 100 mg/kg (Textile Articles intended to be washed)	
Allergenic Disperse dyes	DIN 54231:2022			X	X					50 mg/kg	
Carcinogenic Dye	DIN 54231:2022		X	X	X	X (Textile)				30 mg/kg	
Chromium (VI)	ISO 17075-1:2017 with aging confirmation by ISO 17075-2:2017 Aging condition: EN ISO 10195:2021 method A2						X			3 mg/kg	
Chlorinated Phenols	Textile: 17134-2:2023 Leather: DIN EN ISO 17070:2015		X	X (printed)		X (Textile / Leather)	X		PCP & TeCP 0.5 mg/kg each	PCP & TeCP 0.5 mg/kg each	PCP & TeCP 0.5 mg/kg each
Dimethyl Fumarate (DMFu) * (material with skin contact is required if the product is packaged with any form of anti-mold agent)	EN ISO 16186:2021	O	O	O	O	O	O			0.1 mg/kg	
Extractable Heavy Metals	Textile: EN 16711-2:2015 Leather: ISO 17072-1:2019	X	X	X	X	X	X (except Cr VI)		Antimony (Sb): 50 mg/kg Arsenic (As): 0.2 mg/kg Lead (Pb): 0.2 mg/kg Cadmium (Cd): 0.1 mg/kg Chromium (Cr): 1.0 mg/kg Chromium (Cr VI): 0.5 mg/kg (except leather) Cobalt (Co): 1.0 mg/kg Copper (Cu): 25 mg/kg (except metal) Mercury (Hg): 0.02 mg/kg Nickel (Ni): 1.0 mg/kg	Antimony (Sb): 30 mg/kg Arsenic (As): 1.0 mg/kg Lead (Pb): 0.2 mg/kg Cadmium (Cd): 0.1 mg/kg Chromium (Cr): non-leather: 2.0 mg/kg leather: 200 mg/kg Chromium (Cr VI): 0.5 mg/kg (except leather) Cobalt (Co): 4.0 mg/kg Copper (Cu): 50 mg/kg (except metal) Mercury (Hg): 0.02 mg/kg Nickel (Ni): 4.0 mg/kg	Antimony (Sb): 30 mg/kg Arsenic (As): 1.0 mg/kg Lead (Pb): 0.2 mg/kg Cadmium (Cd): 0.1 mg/kg Chromium (Cr): non-leather: 2.0 mg/kg leather: 200 mg/kg Chromium (Cr VI): 0.5 mg/kg (except leather) Cobalt (Co): 4.0 mg/kg Copper (Cu): 50 mg/kg (except metal) Mercury (Hg): 0.02 mg/kg Nickel (Ni): 4.0 mg/kg
Short Chain Chloroparaffins (SCCP) (C10 - C13)	Leather: DIN EN ISO 18219-1:2021 Textile: DIN EN ISO 22818:2021	X				X (Textile / Leather)	X			1000 mg/kg	
Flame Retardants * (Required if sample treated with Flame Retardants)	DIN EN ISO 17881-1:2016	O	O	O	O	O	O			PBB / TRIS / TEPA: Not Detected HBCDD: 100 mg/kg OctaBDE: 1000 mg/kg S(Tetra)BDE / PentaBDE / HexaBDE / HeptaBDE / DecaBDE: 500 mg/kg	
Formaldehyde	Textile: ISO 14184-1:2011 Leather: ISO 17206-1:2018 (by HPLC method) / ISO 17226-2:2018 (by UV method)		X	X	X	X (Textile / Leather)	X			20 mg/kg	
Nickel Release	EN 12472:2020 / EN 1611:2023							X		Direct and prolonged contact with skin: 0.5 µg/cm ² /week For body piercing: 0.2 µg/cm ² /week	
Organotin Compounds	Textile: ISO 22744-1:2020 Non-textile: CEN ISO/TS 16179: 2012	X	X	X	X	X (Textile / Leather / Polymer)	X		Tri-substituted organostannic compounds: DBT: 0.1% by weight of tin DOT: 0.1% by weight of tin DBT: 1.0 mg/kg only for sensitive applications such as children's toys or products with prolonged skin contact TBT: 0.5 mg/kg	Tri-substituted organostannic compounds: 0.1% by weight of tin DBT: 0.1% by weight of tin DOT: 0.1% by weight of tin TBT: 1.0 mg/kg	
Polycyclic aromatic hydrocarbons (PAHs)	Footwear: ISO 16190:2021 Non-footwear: AFPS GS 2019/01 PAK	X		X	X	X (Textile / Leather / Polymer)			18 PAH: 1 mg/kg (Sum) (prolonged skin contact); 5 mg/kg (Sum) (Other accessible) BaP, BaA, CHR, BbF, BkF, BkF, DBA, IPy, BbF, 0.2 mg/kg (Each) NAP: 1 mg/kg (prolonged skin contact); 2 mg/kg (Other accessible) ANT, PHE, FLT, PYR: 1 mg/kg (Sum) (Prolonged skin contact); 5 mg/kg (Sum) (Other accessible) ANY, ANA, FLU: 0.5 mg/kg (Each)	18 PAH: 5 mg/kg (Sum) BaP, BaA, CHR, BbF, BkF, DBA, IPy, BbF: 0.2 mg/kg (Each) NAP: 2 mg/kg ANT, PHE, FLT, PYR: 5 mg/kg (Sum) ANY, ANA, FLU: 0.5 mg/kg (Each)	18 PAH: 5 mg/kg (Sum) BaP, BaA, CHR, BbF, BkF, DBA, IPy, BbF: 0.2 mg/kg (Each) NAP: 2 mg/kg ANT, PHE, FLT, PYR: 5 mg/kg (Sum) ANY, ANA, FLU: 1 mg/kg (Each)
Per- and Polyfluorinated Compounds (PFAS) * (Required if sample declared with stain and water repellent finishing)	Leather: ISO 23702-1:2023 Textile: EN 17981-1:2022, 17981-2:2022	O	O	O	O	O	O		PFOS in salt and related compounds: Textile: Control material 1 µg/mL; Semi-finished products or articles: 1000 mg/kg Substance / Mixture: 10 mg/kg Perfluorotanic acid (PFOA) and its salts: 25 ppb (0.025 mg/kg) Perfluorotanic acid (PFOA) related substances: 1000 ppb (1 mg/kg) (Each or Sum) C8-C14 Perfluorocarboxylic acids (PFCA) and its salts: 25 ppb (0.025 mg/kg) (sum) C8-C14 Perfluorocarboxylic acids (PFCA) related substances: 200 ppb (0.2 mg/kg) (sum) PFHxS and its salts: 25 µg/kg (0.025 mg/kg) (sum) PFHxS-related compounds: 1000 µg/kg (1 mg/kg) (each or sum)		
Per- and Polyfluorinated Compounds (PFAS) - Total Fluorine * (Required if sample declared with stain and water repellent finishing)	Measured as total fluorine EN 14682:2016 / ASTM D7359-23	O	O	O	O	O	O		Textile articles: (A) Commencing January 1, 2026: < 150 mg/kg as measured in total organic fluorine. (B) Commencing January 1, 2027: < 50 mg/kg as measured in total organic fluorine. Juvenile products: Commencing July 1, 2023: < 100 mg/kg as measured in total organic fluorine		
Pesticides * (Required if sample declared with biocide or pesticide treatment)	USEPA Method 8091B, 302B, 303C (Refer to Annex 1)		O							Prohibited (0.5 mg/kg) (if contain preservative treatment)	
pH value (Textile)	Textile: ISO 3071:2020		X	X	X					4.0 - 7.5	
pH value (Leather)	Leather: ISO 4049:2018						X			3.5 - 7.5	
Phthalates	CPSC-CH-C1001-09.4	X			X	X			DEHP / DBP / BBP / DBP / DMBP / / DMEP / DPP / DnPP / DnIP / DCHP/OP/DHNP/ DPP/ DhkP / DINP / DNCP / DIDP: 1000 mg/kg (Each or Total)		
Total Cadmium	EN 16711-1:2015	X			X	X				40 mg/kg	
Total Lead	Metal: CPSC-CH-E1001-08.3 Non-metal: CPSC-CH-E1002-08.3 Surface coating: CPSC-CH-E1003-09.1	X			X	X	X	X		90mg/kg for US 500mg/kg for EU	
Total Mercury	EN 16711-1:2015	X			X	X				10 mg/kg	
Total Arsenic	EN 16711-1:2016		X	X	X	X				100 mg/kg	
Volatile Organic Substances (VOC)	Headspace GC-MS	X (Exclude fasteners / decorative attachments)			X	X (Textile)				Textile products in skin contact / Footwear: Benzene: 5 mg/kg	
Orthophenylphenol (OPP)	Textile and other materials: EN 17134-2:2023 Leather: ISO 17070:2015		X	X				X		0.5 mg/kg	1 mg/kg
Chlorinated benzenes and toluenes	EN 17137:2018			X	X					Chlorinated benzene, Chlorinated toluenes: 1.0 mg/kg (each)	
Hexachlorobenzene (HCB)	EN 17137:2018	X	X	X	X	X (Leather / Textile)	X			10 mg/kg	
Quinoline	DIN 54231:2022		X	X		X (Textile)				Textile products in skin contact / Footwear: 50 mg/kg	
Solvent	EN ISO 16189:2022	X (Exclude fasteners / decorative attachments)			X	X (Textile)				Textile products in skin contact / Footwear: Dimethylformamide (DMF): 3000 mg/kg N,N-dimethylacetamide (DMAC): 3000 mg/kg N-methyl-2-pyrrolidone (NMP): 3000 mg/kg	
N-Nitrosamines *	EN ISO 19577:2019	X (Rubber only)								Not detected (0.5 mg/kg) (Footwear only)	NA
SVHC Candidate List *	In-house method	X	X	X	X	X	X	X		0.10%	
CA Prop 65 **	Applicable Section from SGS California Proposition 65 Master File								On the whole product	All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	

Azo dyes

Substances	CAS No.
4-Aminobiphenyl	92-67-1
Benzidine	92-87-5
4-Chlor-o-toluidine	95-69-2
2-Naphthylamine	91-59-8
o-Aminoazotoluene	97-56-3
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8
4-Chloroaniline	106-47-8
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4
4,4'-Diaminodiphenylmethane	101-77-9
3,3'-Dichlorobenzidine	91-94-1
3,3'-Dimethoxybenzidine	119-90-4
3,3'-Dimethylbenzidine	119-93-7
4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0
p-Cresidine	120-71-8
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4
4,4'-Oxydianiline	101-80-4
4,4'-Thiodianiline	139-65-1
o-Toluidine	95-53-4
4-methyl-m-phenylenediamine / 2,4-Toluyldiamine	95-80-7
2,4,5-Trimethylaniline	137-17-7
4-aminoazobenzene	60-09-3
O-Anisidine	90-04-0
2,6-Xylidine	87-62-7
2,4-Xylidine	95-68-1

Arylamine salts

Substances	CAS No.
4-chloro-o-toluidinium chloride	3165-93-3
2-Naphthylammoniumacetate	553-00-4
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7
2,4,5-trimethylaniline hydrochloride	21436-97-5

Disperse Dyes

Substances	CAS No.
Disperse Blue 1	2475-45-8
Disperse Blue 3	2475-46-9
Disperse Blue 7	3179-90-6
Disperse Blue 26	3860-63-7
Disperse Blue 35	56524-77-7 / 56524-76-6
Disperse Blue 102	12222-97-8
Disperse Blue 106	12223-01-7
Disperse Blue 124	61951-51-7
Disperse Brown 1	23355-64-8
Disperse Orange 1	2581-69-3
Disperse Orange 3	730-40-5

Disperse Orange 37/59/76	13301-61-6
Disperse Red 1	2872-52-8
Disperse Red 11	2872-48-2
Disperse Red 17	3179-89-3
Disperse Yellow 1	119-15-3
Disperse Yellow 3	2832-40-8
Disperse Yellow 9	6373-73-5
Disperse Yellow 39	12236-29-2
Disperse Yellow 49	54824-37-2

Forbidden Dyes

Substances	CAS No.
Disperse Blue 1	2475-45-8
Basic Red 9	569-61-9
C.I. Basic Violet 3 with $\geq 0,1$ % of Michler's ketone	548-62-9
Acid Red 26	3761-53-3
Direct Black 38	1937-37-7
Direct Blue 6	2602-46-2
Direct Red 28	573-58-0
Basic Violet 14	632-99-5
Disperse Orange 11	82-28-0
Basic Blue 26	2580-56-5
Basic Green 4	68513-86-0; 569-64-2; 2437-29-8; 10309-95-2
Disperse Blue 3	2475-46-9
Disperse Yellow 3	2832-40-8

Phthalates

Substances	CAS No.
Dibutylphthalate (DBP)	84-74-2
Benzylbutylphthalate (BBP)	85-68-7
Bis-(2-ethylhexyl)phthalate (DEHP)	117-81-7
Di-isononylphthalate (DINP)	28553-12-0
Di-octylphthalate (DNOP)	117-84-0
Di-isodecylphthalate (DIDP)	26761-40-0
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl (DiHepP)	71888-89-6
Di-n-pentylphthalate (DnPP)	131-18-0
Diisopentylphthalate (DiPP)	605-50-5
Di-n-Hexylphthalate (DnHP)	84-75-3
Diisobutyl phthalate (DIBP)	84-69-5
Dicyclohexyl phthalate (DCHP)	84-61-7
Di-iso-octyl phthalate (DIOP)	27554-26-3
Di-C7-11 branched alkylphthalate (DHNUP)	68515-42-4
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (DPP)	84777-06-0
Diisohexyl phthalate (DIHxP)	71850-09-4

PAHs

Substances	CAS No.
Benzo[a]anthracene (BaA)	56-55-3
Chrysene (CHR)	218-01-9
Benzo[b]fluoranthene (BbF)	205-99-2
Benzo[j]fluoranthene (BjF)	205-82-3
Benzo[k]fluoranthene (BkF)	207-08-9
Benzo[a]pyrene (BaP)	50-32-8
Benzo[e]pyrene (BeP)	192-97-2
Dibenzo[a,h]anthracene (DBA)	53-70-3
Naphthalene (NAP)	91-20-3
Acenaphthylene (ANY)	208-96-8
Acenaphthene (ANA)	83-32-9
Fluorene (FLU)	86-73-7
Phenanthrene (PHE)	85-01-8
Anthracene (ANT)	120-12-7
Fluoranthene (FLT)	206-44-0
Pyrene (PYR)	129-00-0
Indeno[1,2,3-cd]pyrene (IPY)	193-39-5
Benzo[g,h,i]perylene (BPE)	191-24-2

Organotins

Substances	CAS No.
Dibutyltin (DBT)	Multiple
Diocetyl tin (DOT)	Multiple
Tri-substituted organotin	
Tributyltin (TBT)	Multiple
Tricyclohexyltin (TCyT)	Multiple
Triocetyl tin (TOT)	Multiple
Triphenyltin (TPhT)	Multiple
Tripropyltin (TPT)	Multiple
Trimethyltin (TMT)	Multiple

Flame Retardants

Substances	CAS No.
Polybrominated Biphenyl (PBB)	59536-65-1
Tris-(2,3-Dibromopropyl) Phosphate (TRIS)	126-72-7
Tris-(Aziridinyl)phosphine Oxide (TEPA)	545-55-1
Pentabromodiphenyl Ether (PentaBDE)	32534-81-9
Tetrabromodiphenyl Ether (TetraBDE)	40088-47-9
Hexabromodiphenyl Ether (HexaBDE)	36483-60-0
Heptabromodiphenyl Ether (HeptaBDE)	446255-22-7
Octabromodiphenyl Ether (OctaBDE)	32536-52-0
Decabromodiphenyl Ether (DecaBDE)	1163-19-5
Hexabromocyclododecane (HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8

Pesticide

Substances	CAS No.
Azinophosmethyl	86-50-0
Azinophosethyl	2642-71-9
Aldrine	309-00-2
Bromophos-ethyl	4824-78-6
Carbaryl	63-25-2
Chlordane	57-74-9
Chlordimeform	6164-98-3
Coumaphos	56-72-4
Cyfluthrin	68359-37-5
Cyhalothrin	91465-08-6
Cypermethrin	52315-07-8
DEF	78-48-8
Deltamethrin	52918-63-5
DDD	53-19-0; 72-54-8
DDE	3424-82-6; 72-55-9

DDT	50-29-3; 789-02-6
Diazinon	333-41-5
Dicrotophos	141-66-2
Dieldrine	60-57-1
Dimethoate	60-51-5
α -Endosulfan	959-98-8
β -Endosulfan	33213-65-9
Endrine	72-20-8
Esfenvalerat	66230-04-4
Fenvalerate	51630-58-1
Heptachlor	76-44-8
Heptachlorepoxyde	1024-57-3
Hexachlorobenzene	118-74-1
α -Hexachlorcyclohexane	319-84-6
β -Hexachlorcyclohexane	319-85-7
δ -Hexachlorcyclohexane	319-86-8
Lindane (g-HCH)	58-89-9
Malathion	121-75-5
Metamidophos	10265-92-6
Methoxychlor	72-43-5
Mirex	2385-85-5
Monocrotophos	6923-22-4
Parathion	56-38-2
Propethamphos	31218-83-4
Profenophos	41198-08-7
Quinalphos	13593-03-8
Toxaphen (Camphechlor)	8001-35-2
Trifluralin	1582-09-8
2,4,5-T	93-76-5
2,4-D	94-75-7
Captafol	01.06.25
Chlorfenvinphos	470-90-6
Dichlorprop	120-36-5
Dinoseb and salts	88-85-7
MCPA	94-74-6
MCPB	94-81-5
Mecoprop	93-65-2
Phosdrin / Mevinphos	7786-34-7

Chlorinated benzenes and toluenes

Substances	CAS No.
$\alpha,\alpha,\alpha,4$ -tetrachlorotoluene	5216-25-1
α,α,α -trichlorotoluene	98-07-7
α -chlorotoluene	100-44-7
Dichlorobenzenes	-
Trichlorobenzenes	-
Tetrachlorobenzenes	-
Pentachlorobenzenes	-
Hexachlorobenzenes	-
Chlorotoluenes	-
Dichlorotoluenes	-
Trichlorotoluenes	-
Tetrachlorotoluenes	-
Pentachlorotoluenes	877-11-2

N-Nitrosamines	CAS No.
N-nitroso dimethylamine (NDMA)	62-75-9
N-nitroso methyl-ethylamine	10595-95-6
N-nitroso diethylamine (NDEA)	55-18-5
N-nitroso pyrrolidine (NPYR)	930-55-2
N-nitroso-N-methylaniline (NMPa)	614-00-6
N-nitroso morpholine (NMOR)	59-89-2
N-nitroso dipropylamine (NDPA)	621-64-7
N-nitroso piperidine (NPIP)	100-75-4

N-nitroso-N-ethylaniline (NEPhA)	612-64-6
N-nitroso dibutylamine (NDBA)	924-16-3
N-nitroso-diphenylamine	86-30-6
N-nitroso dibenzylamine	5336-53-8

PFOA and Its Salts

	Substances	CAS No.	Abbreviation
1	Perfluorooctanoic Acid	335-67-1	PFOA
2	Sodium perfluorooctanoate	335-95-5	PFOA-Na
3	Potassium perfluorooctanoate	2395-00-8	PFOA-K
4	Silver perfluorooctanoate	335-93-3	PFOA-Ag
5	Perfluorooctanoyl fluoride	335-66-0	PFOA-F
6	Ammonium perfluorooctanoate	3825-26-1	APFO
7	Lithium perfluorooctanoate	17125-58-5	PFOA-Li

PFOA-related Substances

	Substances	CAS No.	Abbreviation
8	1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	8:2 FTS
9	Sodium 1H,1H,2H,2H-Perfluorodecane sulfonate	27619-96-1	8:2 FTS-Na
10	Potassium 1H,1H,2H,2H-Perfluorodecane sulfonate	438237-73-1	8:2 FTS-K
11	Ammonium 1H,1H,2H,2H-Perfluorodecane sulfonate	149724-40-3	8:2 FTS-NH ₄
12	Methyl perfluorooctanoate	376-27-2	Me-PFOA
13	Ethyl perfluorooctanoate	3108-24-5	Et-PFOA
14	1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
15	1H,1H,2H,2H-Perfluorodecyl methacrylate	1996-88-9	8:2 FTMA
16	Perfluoro-1-iodooctane	507-63-1	PFOI
17	2H,2H Perfluorodecane Acid	27854-31-5	H ₂ PFDA / 8:2 FTCA
18	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate	882489-14-7	8:2 FTCA-P(C ₄ H ₉) ₄
19	1H,1H,2H,2H-Perfluorodecan-1-ol	678-39-7	8:2 FTOH
20	1-Iodo-1H,1H,2H,2H-perfluorodecane	2043-53-0	8:2 FTI
21	1H,1H,2H,2H-Perfluorodecyltriethoxysilane	101947-16-4	8:2 FTSi(OC ₂ H ₅) ₃
22	bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate	678-41-1	8:2 diPAP
23	Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate	114519-85-6	8:2 diPAP-Na
24	2H,2H,3H,3H-Perfluoroundecanoic Acid	34598-33-9	H ₄ PFUNDA / 8:3 FTCA
25	Potassium 2H,2H,3H,3H-Perfluoroundecanoate	83310-58-1	8:3 FTCA-K
26	1H,1H,2H-Heptafluorodecyl-1-decene	21652-58-4	PFDE
27	3-Perfluoroheptyl propanoic acid	812-70-4	7:3 FTCA

PFOS and its salts

	Substances	CAS No.	Abbreviation
28	Perfluorooctanesulfonic Acid	1763-23-1	PFOS
29	Potassium perfluorooctane sulfonate	2795-39-3	PFOS-K
30	Sodium perfluorooctane sulfonate	4021-47-0	PFOS-Na
31	Lithium perfluorooctane sulfonate	29457-72-5	PFOS-Li
32	Ammonium perfluorooctane sulfonate	29081-56-9	PFOS-NH ₄
33	Perfluorooctane sulfonate diethanolamine salt	70225-14-8	PFOS-NH ₂ (C ₂ H ₄ OH) ₂
34	Perfluorooctanesulfonic acid, tetraethylammonium salt	56773-42-3	PFOS-N(C ₂ H ₅) ₄ / PFOS-TEA
35	Didecyl dimethyl ammonium perfluorooctane sulfonate	251099-16-8	PFOS- N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂
36	Magnesium bis(heptafluorooctanesulphonate)	91036-71-4	PFOS-Mg
37	Perfluoro-1-octanesulfonyl fluoride	307-35-7	PFOS-F
38	Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctanesulfonate	71463-74-6	

PFOS-related substances

	Substances	CAS No.	Abbreviation
39	N-ethylperfluoro-1-octanesulfonamide	4151-50-2	N-EtFOSA
40	N-methylperfluoro-1-octanesulfonamide	31506-32-8	N-MeFOSA
41	2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	1691-99-2	N-EtFOSE
42	2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7	N-MeFOSE
43	Perfluorooctane sulfonamide	754-91-6	PFOSA
44	Perfluorooctanesulfonamide lithium salt (1:1)	76752-79-9	PFOSA-Li

C9-C14 Perfluorocarboxylic acids (PFCA) and its salts

	Substances	CAS No.	Abbreviation
45	Perfluorononane Acid	375-95-1	PFNA
46	Sodium heptadecafluorononanoate	21049-39-8	PFNA-Na
47	Perfluorononanoate ammonium salt	4149-60-4	PFNA-NH ₄
48	Potassium perfluorononanoate	21049-38-7	PFNA-K
49	Lithium perfluorononanoate	60871-92-3	PFNA-Li
50	Silver perfluorononanoate	7358-16-9	PFNA-Ag
51	Perfluorodecane Acid	335-76-2	PFDA
52	Sodium nonadecafluorodecanoate	3830-45-3	PFDA-Na
53	Perfluorodecanoate ammonium salt	3108-42-7	PFDA-NH ₄
54	Potassium perfluorodecanoate	51604-85-4	PFDA-K
55	Silver perfluorodecanoate	5784-82-7	PFDA-Ag
56	Lithium perfluorodecanoate	84743-32-8	PFDA-Li
57	Perfluoroundecanoic Acid	2058-94-8	PFUnDA
58	Sodium perfluoroundecanoate	60871-96-7	PFUnDA-Na
59	Ammonium perfluoroundecanoate	4234-23-5	PFUnDA-NH ₄
60	Potassium perfluoroundecanoate	30377-53-8	PFUnDA-K
61	Calcium perfluoroundecanoate	97163-17-2	PFUnDA-Ca
62	Perfluorododecanoic Acid	307-55-1	PFDoDA
63	Ammonium tricosafafluorododecanoate	3793-74-6	PFDoDA-NH ₄
64	Sodium perfluorododecanoate	60872-01-7	PFDoDA-Na
65	Perfluorotridecanoic Acid	72629-94-8	PFTrDA
66	Ammonium perfluorotridecanoate	4288-72-6	PFTrDA-NH ₄
67	Perfluorotetradecanoic Acid	376-06-7	PFTDA
68	Perfluoro-3,7-dimethyloctanoic Acid	172155-07-6	PF-3,7-DMOA

C9-C14 Perfluorocarboxylic acids (PFCA) related substances

	Substances	CAS No.	Abbreviation
69	Perfluorodecane sulfonic Acid	335-77-3	PFDS
70	Sodium perfluorodecanesulfonate	2806-15-7	PFDS-Na
71	Potassium perfluorodecanesulfonate	2806-16-8	PFDS-K
72	Perfluorodecanesulfonic acid ammonium salt	67906-42-7	PFDS-NH ₄
73	1H,1H,2H,2H-Perfluoro-1-dodecaol	865-86-1	10:2 FTOH
74	1H,1H,2H,2H-Perfluorododecylacrylate	17741-60-5	10:2 FTA
75	1H,1H,2H,2H-Perfluorododecyl methacrylate	2144-54-9	10:2 FTMA
76	1H,1H,2H,2H-perfluorotetradecan-1-ol	39239-77-5	12:2 FTOH
77	1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0	10:2 FTS

78	1H,1H,2H,2H-Perfluorododecyl iodide	2043-54-1	10:2 FTI
79	1H,1H,2H,2H-Perfluorotetradecyl iodide	30046-31-2	12:2 FTI
80	Perfluorononane sulfonic acid	68259-12-1	PFNS
81	Sodium perfluorononanesulfonate	98789-57-2	PFNS-Na
82	Potassium perfluorononanesulfonate	29359-39-5	PFNS-K
83	Ammonium nonadecafluorononanesulphonate	17202-41-4	PFNS-NH ₄
84	Perfluoroundecane sulfonic acid	749786-16-1 / 441296-91-9 (anion)	PFUnDS
85	Perfluorododecane sulfonic acid	79780-39-5	PFDoDS
86	Sodium perfluorododecanesulfonate	1260224-54-1	PFDoDS-Na
87	Perfluorotridecane sulfonic acid	791563-89-8	PFTTrDS
88	Sodium perfluorotridecanesulfonate	174675-49-1	PFTTrDS-Na
89	10:2 Fluortelomerphosphatediester (10:2 diPAP)	1895-26-7	
90	Perfluorodecyl iodide (PFDI)	423-62-1	
91	Perfluorododecyl iodide (PFDoDI)	307-60-8	

PFHxS and its salts

	Substances	CAS No.	Abbreviation
92	Perfluorohexanesulfonic Acid	355-46-4	PFHxS
93	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5	PFHxS-Na
94	Potassium perfluorohexane-1-sulphonate	3871-99-6	PFHxS-K
95	Perfluorohexane Sulfonic acid, lithium salt	55120-77-9	PFHxS-Li
96	Perfluorohexane Sulfonic acid, ammonium salt	68259-08-5	PFHxS-NH ₄
97	Benzyltriphenylphosphonium tridecafluorohexane-1-sulfonate	1000597-52-3	PFHxS-BTPP
98	N,N,N-Tributylbutan-1-aminium tridecafluorohexane-1-sulfonate	108427-54-9	
99	Tetraethylammonium perfluorohexane sulfonate	108427-55-0	
100	Tridecafluorohexane-1-sulfonic acid-pyrrolidine	1187817-57-7	
101	4-[[4-(Diethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene]-N,N-diethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate	1310480-24-0	
102	4-[[4-(Dimethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene]-N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate	1310480-27-3	
103	4-[[4-(Dimethylamino)phenyl][4-(phenylamino)naphthalen-1-yl]methylidene]-N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate	1310480-28-4	
104	Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate	1329995-45-0	
105	Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate	1329995-69-8	
106	Triphenylsulfonium tridecafluorohexane-1-sulfonate	144116-10-9	TPS-PFHxS
107	1-(Carboxymethyl)-4-(2-{4-[4-(2,2-diphenylethenyl)phenyl]-1H,2H,3H,3aH,4H,8bH-cyclopenta[b]indol-7-yl}ethenyl)quinolin-1-ium tridecafluorohexane-1-sulfonate	1462414-59-0	
108	Diphenyliodanium tridecafluorohexane-1-sulfonate	153443-35-7	
109	Tetramethylammonium perfluorohexane sulfonate	189274-31-5	PFHxS-TMA
110	Tert-butylazanium;1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate	202189-84-2	
111	Bis(4-tert-butylphenyl)iodanium tridecafluorohexane-1-sulfonate	213740-81-9	
112	Bis(4-methylphenyl)(phenyl)sulfonium tridecafluorohexane-1-sulfonate	341548-85-4	
113	Sulfonium, (thio-4,1-phenylene)bis[diphenyl-, salt with perfluorohexanesulfonic acid (1:2)	421555-73-9	
114	Perfluorohexanesulfonic acid, Gallium(3+) salt (3:1)	341035-71-0	PFHxS-Ga
115	Perfluorohexanesulfonic acid, Scandium(3+) salt (3:1)	350836-93-0	PFHxS-Sc

116	Perfluorohexanesulfonic acid, Neodymium(3+) salt (3:1)	41184-65-0	PFHxS-Nd
117	Perfluorohexanesulfonic acid, Yttrium(3+) salt (3:1)	41242-12-0	PFHxS-Y
118	Cesium perfluorohexanesulfonate	92011-17-1	PFHxS-Cs
119	Perfluorohexanesulfonic acid, Zinc salt	70136-72-0	PFHxS-Zn
120	Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, perfluorohexanesulfonate (1:1)	421555-74-0	
121	Tris(4-tert-butylphenyl)sulfanium tridecafluorohexane-1-sulfonate	425670-70-8	
122	Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0	
123	Triethylammonium perfluorohexane sulfonate	72033-41-1	
124	Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with perfluorohexanesulfonic acid (1:1)	866621-50-3	
125	(4-Methylphenyl)diphenylsulfanium tridecafluorohexane-1-sulfonate	910606-39-2	
126	{4-[(2-Methylprop-2-enoyl)oxy]phenyl}diphenylsulfanium tridecafluorohexane-1-sulfonate	911027-68-4	
127	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	
128	Perfluorohexylsulfonyl fluoride	423-50-7	PFHxS-F
129	Perfluorohexylsulfonyl chloride	55591-23-6	PFHxS-Cl
130	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	

PFHxS-related Substances

	Substances	CAS No.	Abbreviation
131	N-Methylperfluoro-1-hexanesulfonamide	68259-15-4	N-MeFHxSA
132	Perfluorohexane sulfonamide	41997-13-1	PFHxSA
133	N-[3-(dimethylamino)propyl] tridecafluorohexanesulphonamide	50598-28-2	N-AP-FHxSA
134	2-[methyl[(tridecafluorohexyl) sulphonyl]amino]ethyl acrylate))	67584-57-0	N-MeFHSEA
135	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	
136	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	
137	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-	68555-75-9	MeFHxSE
138	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	68957-32-4	

Chlorinated phenols			
	Substances	CAS No.	Abbreviation
	2,3,4,5-Tetrachlorophenol	4901-51-3	(TeCP)
	2,3,4,6-Tetrachlorophenol	58-90-2	(TeCP)
	2,3,5,6-Tetrachlorophenol	935-95-5	(TeCP)
	Pentachlorophenol	87-86-5	(PCP)