

Details of changes on BSL(1/51)

Ver.4.02a changes)

The following lists show the differences from JAPIA Sheet of version 4.02.

The list below does not include corrections of simple mistakes.

	ID[Substances]	Substance name	Substance code	Change Point
“JAPIA sheet application from for adding BSL substances” corresponding	S08188	Zinc borate silicate	37341-47-2	Newly listed
	S08271	C.I. Pigment Brown 11	64294-89-9	
	S09070	4-[trans-4-(trans-4-Pentylcyclohexyl)cyclohexyl]-1,2-difluorobenzene	118164-51-5	
	S09071	3-Nitro-1H-1,2,4-triazol-5(4H)-one	932-64-9	
	S09072	Aluminium soap for lubricants	—	
	S09073	Aluminium-Vanadium-Oxide-Complex	—	
	S09074	Chromate(1-), bis(1-((2-(hydroxy-kappaO)-5-nitrophenyl)azo-kappaN1)-2-naphthalenolato(2-)-kappaO)-, hydrogen	50497-83-1	
	S09075	Chromate(1-), (1-((2-hydroxy-4-nitrophenyl)azo)-2-naphthalenolato(2-)))(1-((2-hydroxy-5-nitrophenyl)azo)-2-naphthalenolato(2-))-, hydrogen	52277-71-1	
	S09076	Dipotassium (SPY-5-21)-bis[oxalato-kappa(2)O(1),O(2)](oxo)titanate(2-)	14481-26-6	
	S09077	Fatty acids, C18-unsatd, dimers, polymers with 3,3'-(oxybis(2,1-ethanedioxy))bis(1-propanamine)	68911-25-1	

Details of changes on BSL(2/51)

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	ID[Substances]	Substance name	Substance code	Change Point
Chemical Substances Control Law List of Class 1 Specified Chemical Substances updated	S09502	Cyclododecane, 1,2,4,6,9,10-hexabromo-	74398-41-7	Newly listed
	S09503	Cyclododecane, 1,2,4,5,8,9-hexabromo-	673456-49-0	
	S09504	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2R,5R,6R,9R,10R)-	878049-04-8	
	S09505	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1S,2S,5R,6R,9R,10R)-	878049-05-9	
	S09506	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2S,5R,6R,9S,10S)-rel-	878049-06-0	
	S09507	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2S,5S,6S,9R,10R)-rel-	878049-07-1	
	S09508	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2S,5R,6R,9R,10R)-	878049-08-2	
	S09509	Cyclododecane, 1,2,3,4,5,6-hexabromo-	1027045-74-4	
	S09510	Cyclododecane, 1,3,5,7,9,11-hexabromo-	1093632-34-8	
	S09511	Cyclododecane, 1,1,2,2,3,3-hexabromo-	1235106-66-7	
	S09512	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1S,2S,5S,6S,9S,10S)-	1380399-84-7	
	S09513	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2R,5S,6S,9S,10S)-	1380399-85-8	
	S09514	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2R,5S,6R,9S,10S)-	1380399-86-9	
	S09515	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2S,5S,6S,9S,10S)-	1380399-87-0	
	S09516	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2R,5R,6R,9R,10S)-rel-	1392102-29-2	
	S09517	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2R,5R,6R,9S,10S)-rel-	1392102-30-5	
	S09518	Cyclododecane, 1,2,5,6,9,10-hexabromo-, (1R,2R,5R,6R,9R,10R)-rel-	1392102-31-6	

Details of changes on BSL(3/51)

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	ID[Substances]	Substance name	Substance code	Change Point
26 th SVHC	S04930	2,2'-Methylenebis(4-methyl-6-tert-butylphenol)	119-47-1	SVHC Settings
	S05431	2,5,7,10-Tetraoxa-6-silaundecane, 6-ethenyl-6-(2-methoxyethoxy)	1067-53-4	
	S09481	Alkyl dithiophosphate	255881-94-8	Newly listed
	S09482	(1)-1,7,7-Trimethyl-3-((4-methylphenyl)methylene)bicyclo(2.2.1)heptan-2-one	36861-47-9	
	S09496	(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	1782069-81-1	
	S09497	(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	95342-41-9	
	S09498	(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-25-4	
	S09499	(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	741687-98-9	
	S09500	(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-30-1	
	S09501	(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-21-0	
ECHA SVHC List update	S09483	Cobalt dichloride hydrate	69098-14-2	Newly listed
	S09484	Cobalt dichloride monohydrate	18201-52-0	
	S09485	Cobalt dichloride dihydrate	16544-92-6	
	S09486	Cobalt dichloride trihydrate	65374-82-5	
	S09487	Cobalt dichloride tetrahydrate	16890-89-4	
	S09488	Cobalt dichloride pentahydrate	20579-56-0	
	S09489	Cobalt dichloride hydrate (3:22)	146998-10-9	
	S09490	Cobalt dichloride decahydrate	72861-19-9	

Details of changes on BSL(4/51)

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	ID[Substances]	Substance name	Substance code	Change Point
ECHA SVHC List update	S09491	Isononylphenol	11066-49-2	Newly listed
	S09492	4-(3-ethylheptan-2-yl)phenol	186825-39-8	
	S09493	4-(1,1,5-Trimethylhexyl)phenol	521947-27-3	
	S09494	2-[2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy]ethanol	1119449-38-5	
	S09495	2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol	1119449-37-4	
GADSL 2022 revision	S09084	1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1,3-dimethyl-	494793-67-8	Newly listed
	S09479	Nickel oxide (Ni3O4)	12137-09-6	
	S09480	Sulfamic acid, nickel(2+) salt (2:1), tetrahydrate (9CI)	124594-15-6	
	S00029	Copper Cu	7440-50-8	Change to D/P
	S01172	Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](2-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, hydroxide, inner salt, disodium salt	3844-45-9	Cancel Classification setting (Regulation review is completed and regulation is unnecessary)
	S01173	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene (BNST)	68921-45-9	
	S02187	Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, chloride (Basic Blue 7)	2390-60-5	
	S02395	Kieselguhr, soda ash flux-calcined	68855-54-9	
	S03010	Methanaminium, N-[4-[[4-(dimethylamino)phenyl]phenylmethylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride	569-64-2	
	S03656	Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	

Details of changes on BSL(5/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S03017	Calcium-Magnesium-Zirconium-Silicate Mixture	329211-92-9	SVHC setting cancellation (Deleted from ECHA SVHC list)
	S03018	Aluminium Chloride, Basic reaction products with Silica	675106-31-7	
	S03376	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy	27942-26-3	
	S03396	3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(nonylphenoxy)-	27177-08-8	
	S03398	Decaethylene glycol, isononylphenyl ether	65455-72-3	
	S03399	Ethanol, 2-[2-(nonylphenoxy)ethoxy]-	27176-93-8	
	S03401	Nonylphenol polyethylene glycol ether	27177-01-1	
	S03402	Poly(oxy-1,2-ethanediyl), .alpha.-(2-nonylphenyl)-.omega.-hydroxy-	51938-25-1	
	S01572	Alkene, C12-24-, Chloro-	68527-02-6	Cancel Classification setting
	S08283	Perfluoroalkylethyl acrylates (C6-C14)	85361-54-5	
	S09176	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, lithium salt (1:1)	17125-58-5	Newly listed (Other PFOA Related Compounds)
	S09177	1-Pentadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-heptacosafuoro-	176676-70-3	
	S09178	1-Tridecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-tricosafuoro-	1545-59-1	
	S09179	1-Undecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-nonadecafluoro-	87017-97-8	
	S09180	Undecanoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-nonadecafluoro-	191852-87-6	

Details of changes on BSL(6/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09181	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-hexa decafluoro-10-(trifluoromethyl)-, 1-(dihydrogen phosphate)	54009-73-3	Newly listed (Other PFOA Related Compounds)
	S09182	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10, 11,11,11-hexa decafluoro-10-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt	63295-18-1	
	S09183	1,2-Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10, 11,11,11-hexa decafluoro-10-(trifluoromethyl)-, 1-(dihydrogen phosphate), compd. with 2,2'-iminobis[ethanol] (1:2)	63295-19-2	
	S09184	2-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-, dihydrogen phosphate, diammonium salt	63295-23-8	
	S09185	Acetic acid, 2-[[3,3,4,4,5,5,6,6,7,7,8,8,9,10,10, 10-hexadeca fluoro-1-[(phosphonooxy)methyl]-9-(trifluoromethyl) decyl]oxy]-, ammonium salt (1:2)	63295-24-9	
	S09186	1-Undecanol, 2-chloro-4,4,5,5,6,6,7,7,8,8,9,9,10, 11,11,11-hexadecafluoro-10-(trifluoromethyl)-, dihydrogen phosphate	63295-22-7	
	S09187	2-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 11,11-heptadecafluoro-, dihydrogen phosphate, potassium salt	90179-37-6	
	S09188	Diphosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl) ester, compd. with 2,2',2''-nitrilotris[ethanol] (1:3)	98005-85-7	
	S09189	Diphosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl) ester, compd. with 2-aminoethanol (1:3)	98005-84-6	
	S09190	Phosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,11,11,12,12,12-heneicosafuoro dodecyl) mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl) ester	1158182-60-5	

Details of changes on BSL(7/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09191	Phosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10–heptadecafluorodecyl) mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14–pentacosafuorotetradecyl) ester	1578186–42–1	Newly listed (Other PFOA Related Compounds)
	S09192	Phosphoric acid, mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12–heneicosafuorododecyl) mono(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14–pentacosafuorotetradecyl) ester	1158182–61–6	
	S09193	1,2–Undecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11, 11,11–hexadecafluoro–10–(trifluoromethyl)–, 1,1–(hydrogen phosphate)	63295–20–5	
	S09194	1–Undecanol, 2–chloro–4,4,5,5,6,6,7,7,8,8,9,9, 10,11,11,11–hexadecafluoro–10–(trifluoromethyl)–, hydrogen phosphate	63295–26–1	
	S09195	1–Nonadecanol, 12,12,13,13,14,14,15,15,16, 16,17,17,18,18,19,19,19–heptadecafluoro–, dihydrogen phosphate	2343–53–5	
	S09196	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10–heptadecafluorodecyl bis(3,3,4,4,5,5,6,6, 7,7,8,8,8–tridecafluorooctyl) ester	1578186–53–4	
	S09197	Phosphoric acid, bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10–heptadecafluorodecyl) 3,3,4,4,5,5,6,6,7,7,8,8,8–tridecafluorooctyl ester	1578186–56–7	
	S09198	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,12–heneicosafuorododecyl 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10–heptadecafluorodecyl 3,3,4,4,5,5,6,6,7,7,8,8,8–tridecafluorooctyl ester	1578186–64–7	
	S09199	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,12–heneicosafuorododecylbis (3,3,4,4,5,5,6,6,7,7,8,8,8–tridecafluorooctyl) ester	1578186–57–8	
	S09200	1–Decanesulfonamide, 3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,10–heptadecafluoro–N–[3–(phosphono oxy)propyl]–N–propyl–, sodium salt (1:2)	441765–20–4	

Details of changes on BSL(8/51)

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	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09201	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluoro-1-(hydroxymethyl)decyl ester	146955-29-5	Newly listed (Other PFOA Related Compounds)
	S09202	2-Propenoic acid, 4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,11-heptadecafluoro-2-hydroxyundecyl ester	76962-34-0	
	S09203	Silane, tetrakis[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-heptadecafluorodecyl)thio]ethyl]-	1189587-64-1	
	S09204	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	77117-48-7	
	S09205	Undecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	1835250-28-6	
	S09206	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	182130-12-7	
	S09207	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	1835250-47-9	
	S09208	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	182130-14-9	
	S09209	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	182130-15-0	
	S09210	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	6145-05-7	
	S09211	Heptadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	931415-52-0	
	S09212	Octadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	138472-76-1	
	S09213	Tetracosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	117146-18-6	
	S09214	Hexacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	133310-73-3	
	S09215	Octacosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	137338-39-7	
	S09216	triacontane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	137338-40-0	
	S09217	Dotriacontane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	137338-41-1	
	S09218	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafuoro-	154478-87-2	
	S09219	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafuoro-	1835251-22-3	
	S09220	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafuoro-	1244062-17-6	
	S09221	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafuoro-	250738-42-2	
	S09222	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafuoro-	116177-54-9	

Details of changes on BSL(9/51)

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	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09223	Heptadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10–heneicosafluoro–	200817–54–5	Newly listed (Other PFOA Related Compounds)
	S09224	Octadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10–heneicosafluoro–	93454–70–7	
	S09225	Nonadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10–heneicosafluoro–	125635–85–0	
	S09226	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10–heneicosafluoro–	90499–29–9	
	S09227	Docosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10–heneicosafluoro–	93454–71–8	
	S09228	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20– tetratriacontafluoro–	133299–41–9	
	S09229	Tetracosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,17, 17,18,18,19,19,20,20,21,21,22,22,23,23,24, 24,24– tetratriacontafluoro–	100550–08–1	
	S09230	9–Tetracosene, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8–heptadecafluoro–	1244062–16–5	
	S09231	1–Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11–hexadecafluoro– 10–(trifluoromethyl)–	31200–97–2	
	S09232	1–Nonanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9–heptadecafluoro–	423–56–3	
	S09233	1–Decanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10– nonadecafluoro–	307–37–9	
	S09234	1–Undecanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,11,11,11– heneicosafluoro–	307–46–0	
	S09235	Nonanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9–heptadecafluoro–	63967–40–8	
	S09236	Decanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10–nonadecafluoro–	335–73–9	
	S09237	Undecanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11– heneicosafluoro–	63967–42–0	
	S09238	Ethanol, 2–[2–[(3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10– heptadecafluorodecyl)oxy]ethoxy]–	56900–98–2	

Details of changes on BSL(10/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09239	Propanol, [2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 10-heptadecafluorodecyl)oxy]methylethoxy]-	88243-13-4	Newly listed (Other PFOA Related Compounds)
	S09240	Ethanol, 2-[2-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl)oxy]methylethoxy] methylethoxy]-	88243-12-3	
	S09241	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17, 17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluoro-	55427-54-8	
	S09242	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17, 17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluorodimethyl-	88271-22-1	
	S09243	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17, 17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluorotetramethyl-	88243-14-5	
	S09220	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-	1244062-17-6	
	S09221	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-	250738-42-2	
	S09222	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-	116177-54-9	
	S09223	Heptadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-	200817-54-5	
	S09224	Octadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-	93454-70-7	
	S09225	Nonadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-	125635-85-0	
	S09226	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-	90499-29-9	
	S09227	Docosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10-heneicosafluoro-	93454-71-8	
	S09228	Eicosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8, 13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-tetratriacontafluoro-	133299-41-9	

Details of changes on BSL(11/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09229	Tetracosane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,17,17,18,18,19,19,20,20,21,21,22,22,23,23,24, 24,24-tetratriacontafluoro-	100550-08-1	Newly listed (Other PFOA Related Compounds)
	S09230	9-Tetracosene, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	1244062-16-5	
	S09231	1-Undecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,11,11,11-hexadecafluoro-10-(trifluoromethyl)-	31200-97-2	
	S09232	1-Nonanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-	423-56-3	
	S09233	1-Decanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-nonadecafluoro-	307-37-9	
	S09234	1-Undecanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,11,11,11-heneicosafuoro-	307-46-0	
	S09235	Nonanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-	63967-40-8	
	S09236	Decanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro-	335-73-9	
	S09237	Undecanal, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heneicosafuoro-	63967-42-0	
	S09238	Ethanol, 2-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-heptadecafluorodecyl)oxy]ethoxy]-	56900-98-2	
	S09239	Propanol, [2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 10-heptadecafluorodecyl)oxy]methylethoxy]-	88243-13-4	
	S09240	Ethanol, 2-[2-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl)oxy]methylethoxy] methylethoxy]-	88243-12-3	
	S09241	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluoro-	55427-54-8	
	S09242	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluorodimethyl-	88271-22-1	
	S09243	3,6,9,12-Tetraoxadocosan-1-ol, 15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,22-heptadecafluorotetramethyl-	88243-14-5	
	S09244	3,6,9,12,15-Pentaoxapentacosan-1-ol, 18,18,19,19,20,20,21,21,22,22,23,23,24,24,25,25,25-heptadecafluoropentamethyl-	88243-15-6	

Details of changes on BSL(12/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09245	3,6,9,12,15,18-Hexaoxaoctacosan-1-ol, 21,21,22, 22,23,23,24,24,25,25,26,26,27,27,28,28,28-heptadecafluoro-	88247-39-6	Newly listed (Other PFOA Related Compounds)
	S09246	3,6,9,12,15,18-Hexaoxaoctacosan-1-ol, 21,21,22, 22,23,23,24,24,25,25,26,26,27,27,28,28,28-heptadecafluoropentamethyl-	88243-11-2	
	S09247	3,6,9,12,15,18-Hexaoxaoctacosan-1-ol, 21,21,22, 22,23,23,24,24,25,25,26,26,27,27,28,28,28-heptadecafluoro hexamethyl-	88243-16-7	
	S09248	3,6,9,12,15,18,21-Heptaoxahentriacontan-1-ol, 24,24,25,25,26,26,27,27,28,28,29,29,30, 30,31,31,31-heptadecafluoropentamethyl-	88243-10-1	
	S09249	3,6,9,12,15,18,21,24-Octaoxatetratriacontan-1-ol, 27,27,28,28,29,29,30,30,31,31,32,32,33,33,34,34,34-heptadecafluoro-	88247-40-9	
	S09250	3,6,9,12,15,18,21,24-Octaoxatetratriacontan-1-ol, 27,27,28,28,29,29,30,30,31,31,32,32,33,33,34,34,34-heptadecafluorooctamethyl-	88243-17-8	
	S09251	3,6,9,12,15-Pentaoxapentacosan-1-ol, 18,18, 19,19,20,20,21,21,22,22,23,23,24,24,25,25,25-heptadecafluoropentamethyl-, acetate	88243-09-8	
	S09252	1,2-Propanediol, 3-[(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl)oxy]-	121500-31-0	
	S09253	11,14,17,20,23,26,29,32-Octaoxaoctatetracontan-33-one, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-	67549-47-7	
	S09254	Tridecanoic acid, 27,27,28,28,29,29,30,30,31,31, 32,32,33,33,34,34,34-heptadecafluoro-3,6,9,12, 15,18,21,24-octaoxatetra triacont-1-yl ester	67535-33-5	
	S09255	Oxirane, 2-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]methyl]-	114482-33-6	

Details of changes on BSL (13/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09256	1-Decanaminium, N,N-diethyl-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-2-hydroxy-N-methyl-, iodide (1:1)	99679-40-0	Newly listed (Other PFOA Related Compounds)
	S09257	1-Undecanaminium, 4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,11-heptadecafluoro-2-hydroxy-N,N-bis(2-hydroxyethyl)-N-methyl-, iodide (1:1)	93776-18-2	
	S09258	2-Undecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 11,11-nonadecafluoro-1-[(1-methylpropyl) amino]-	94817-79-5	
	S09259	2-Dodecanol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11, 12,12,12-nonadecafluoro-1-[(1-methylpropyl) amino]-	94817-80-8	
	S09260	1-Propanaminium, 3-[[4-[(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl)oxy]-1,4-dioxo-2-buten-1-yl]amino]-N,N,N-trimethyl-, iodide (1:1)	121912-26-3	
	S09261	Ethanaminium, N-ethyl-2-[[[[3-[[[3-[[[3-[[[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]carbonyl]amino]methylphenyl]amino]carbonyl]amino]methylphenyl]amino]carbonyl]amino]methylphenyl]amino]carbonyl]oxy]-N,N-dimethyl-, ethyl sulfate	100155-23-5	
	S09262	Ethanaminium, N-ethyl-2-[[[[3-[[[3-[[[3-[[[3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy]carbonyl]amino]methylphenyl]carbonimidoyl]amino]methylphenyl]carbonimidoyl]amino]methylphenyl]amino]carbonyl]oxy]-N,N-dimethyl-, ethyl sulfate	100107-48-0	
	S09263	1-Decanaminium, N-(carboxymethyl)-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-N,N-dimethyl-	2089109-26-0	
	S09264	1-Dodecanaminium, N-(carboxymethyl)-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-N,N-dimethyl-	2089109-27-1	
	S09265	1-Decanaminium, N-(carboxymethyl)-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-N,N-dimethyl-, inner salt	145441-32-3	

Details of changes on BSL(14/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09256	1-Decanaminium, N,N-diethyl-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-2-hydroxy-N-methyl-, iodide (1:1)	99679-40-0	Newly listed (Other PFOA Related Compounds)
	S09266	1-Dodecanaminium, N-(carboxymethyl)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-nonadecafluoro-N,N-dimethyl-, inner salt	171184-16-0	
	S09267	1-Tetradecanaminium, N-(carboxymethyl)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-tricosafluoro-N,N-dimethyl-, inner salt	171184-17-1	
	S09268	1-Dodecanaminium, N-(carboxymethyl)-3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-eicosafluoro-N,N-dimethyl-, inner salt	171184-04-6	
	S09269	1-Dodecanaminium, N-(carboxymethyl)-5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heptadeca fluoro-N,N-dimethyl-	2089109-30-6	
	S09270	1-Undecanaminium, 2-(acetyloxy)-N-(carboxy methyl)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-N,N-dimethyl-, inner salt	80234-03-3	
	S09271	1-Tridecanaminium, 2-(acetyloxy)-N-(carboxy methyl)-4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12, 12,13,13,13-heneicosafluoro-N,N-dimethyl-, inner salt	80244-66-2	
	S09272	2-Propenamide, telomer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanethiol	76830-13-2	
	S09273	2-Propenamide, telomer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro-1-dodecanethiol	121913-10-8	
	S09274	1-Decanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,10-heptadecafluoro-, potassium salt (1:1)	438237-73-1	
	S09275	Butanedioic acid, 2-sulfo-, 1,4-bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) ester, sodium salt (1:1)	54950-06-0	
	S09276	Acetic acid, 2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 10-heptadecafluorodecyl)thio]-, lithium salt (1:1)	441765-12-4	

Details of changes on BSL (15/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09277	Propanoic acid, 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl)thio]-	54207-62-4	Newly listed (Other PFOA Related Compounds)
	S09278	Propanoic acid, 3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,10-heptadecafluorodecyl)thio]-, lithium salt (1:1)	481050-04-8	
	S09279	Ethanesulfonic acid, 2-[(3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,10-heptadecafluorodecyl)thio]-, lithium salt (1:1)	441765-14-6	
	S09280	2-Propanol, 1,3-bis[(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl)thio]-	160819-47-6	
	S09281	2-Propanol, 1-[(2-dodecylhexadecyl)oxy]-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	160819-50-1	
	S09282	2-Propanol, 1-[(2-decyltetradecyl)oxy]-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	160819-49-8	
	S09283	2,5,8,11,14,17,20,23-Octaoxa-27-thiaheptatria contan-25-ol, 30,30,31,31,32,32,33,33,34,34,35, 35,36,36,37,37,37-heptadecafluoro-	121912-28-5	
	S09284	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	727351-53-3	
	S09285	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12, 12-heneicosafuorododecyl)sulfinyl]-	1513864-17-9	
	S09286	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-, chloride (1:1)	71940-07-3	
	S09287	Ethanaminium, 2-[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-heptadecafluorodecyl)thio]ethoxy]-N,N,N-trimethyl-, iodide (1:1)	71625-52-0	
	S09288	Acetamide, N-[3-(dimethylamino)propyl]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-	1513863-91-6	
	S09289	Acetamide, N-[3-(dimethylamino)propyl]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12, 12,12-heneicosafuorododecyl) thio]-	1513863-92-7	

Details of changes on BSL(16/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09290	1-Propanaminium, 3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,10-heptadecafluorodecyl)thio]acetyl] amino]-N,N,N-trimethyl-	704870-51-9	Newly listed (Other PFOA Related Compounds)
	S09291	1-Propanaminium, 3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8, 9,9,10,10,11,11,12,12,12-heneicosafuorodecyl)thio]acetyl]amino]-N,N,N-trimethyl-	1513864-01-1	
	S09292	1-Propanaminium, N-ethyl-3-[[3-[(3,3,4,4,5, 5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) thio]-2-methyl-1-oxopropyl]amino]-N,N-dimethyl-, ethyl sulfate (1:1)	67333-62-4	
	S09293	1-Propanaminium, N-(carboxymethyl)-3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]acetyl] amino]-N,N-dimethyl-, inner salt	1513863-96-1	
	S09294	1-Propanaminium, N-(carboxymethyl)-3-[[2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12, 12,12-heneicosafuorododecyl) thio]acetyl] amino]-N,N-dimethyl-, inner salt	1513863-97-2	
	S09295	Butanoic acid, 4-[[3-(dimethylamino)propyl] amino]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) thio]-4-oxo-	1383438-89-8	
	S09296	Butanoic acid, 4-[[3-(dimethylamino)propyl] amino]-2-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 11,12,12,12-heneicosa fluorododecyl)thio]-4-oxo-	1383438-90-1	
	S09297	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6, 7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-1-oxopropyl]amino]-2-methyl-	755698-73-8	
	S09298	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6, 7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro dodecyl)thio]-1-oxopropyl] amino]-2-methyl-	690947-60-5	
	S09299	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6, 7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)thio]-1-oxopropyl]amino]-2-methyl-, sodium salt (1:1)	62880-96-0	

Details of changes on BSL(17/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09300	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro dodecyl)thio]-1-oxopropyl]amino]-2-methyl-, sodium salt (1:1)	62880-98-2	Newly listed (Other PFOA Related Compounds)
	S09301	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfinyl]-	1513864-19-1	
	S09302	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) sulfinyl]-1-oxopropyl]amino]-2-methyl-	1513864-12-4	
	S09303	1-Propanesulfonic acid, 2-[[3-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro dodecyl)sulfinyl]-1-oxopropyl]amino]-2-methyl-	1513864-11-3	
	S09304	1-Decanesulfonamide, N-[3-(dimethyloxido amino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,9,9, 10,10,10-heptadecafluoro-	80475-33-8	
	S09305	1-Decanesulfonamide, N-[3-(dimethylamino) propyl]-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	34455-23-7	
	S09306	1-Dodecanesulfonamide, N-[3-(dimethylamino) propyl]-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 11,12,12,12-heneicosafluoro-	34455-24-8	
	S09307	Ethanaminium, N-(2-carboxyethyl)-2-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro decyl)sulfonyl]amino]-N,N-dimethyl-, inner salt	34695-29-9	
	S09308	Ethanaminium, N-(2-carboxyethyl)-2-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl) sulfonyl]amino]-N,N-dimethyl-, inner salt	34695-31-3	
	S09309	Glycine, N-[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)sulfonyl]-N-propyl-, lithium salt	441765-18-0	
	S09310	Beta-Alanine, N-(2-carboxyethyl)-N-[6-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro decyl)sulfonyl]amino]hexyl]-, dipotassium salt	98900-53-9	
	S09311	2-Propenoic acid, polymer with 2-ethenylnaphthalene and 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-2-hydroxyundecyl 2-propenoate	934505-67-6	

Details of changes on BSL(18/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09312	Glycine, N-ethyl-N-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)-, ammonium salt	138473-79-7	Newly listed (Other PFOA Related Compounds)
	S09313	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-(14-hydroxy-3,6,9,12-tetraoxatetradec-1-yl)-	89932-71-8	
	S09314	Ethanaminium, N,N,N-trimethyl-2-[(2,2,3,3,4,4, 5,5,6,6,7,7,7-pentadecafluoro-1-oxooctyl)amino]-, chloride (1:1)	178766-44-4	
	S09315	Octanamide, N-[3-(dimethylamino)propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	376-23-8	
	S09316	1-Pentanaminium, N,N,N-trimethyl-5-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, iodide (1:1)	91707-61-8	
	S09317	Octanamide, N-[3-(dimethyloxidoamino)propyl]-2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	30295-53-5	
	S09318	Pyridinium, 1-[2-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]ethyl]-, chloride (1:1)	308-01-0	
	S09319	Pyridinium, 1-[2-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]ethyl]-, bromide (1:1)	331755-02-3	
	S09320	Piperazinium, 1-(2-hydroxyethyl)-1-methyl-4-(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)-, chloride (1:1)	103555-98-2	
	S09321	Ethanesulfonic acid, 2-[ethyl(2,2,3,3,4,4,5,5,6,6, 7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-, potassium salt (1:1)	57670-46-9	
	S09322	1-Propanesulfonic acid, 3-[(3-aminopropyl)(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]-2-hydroxy-, sodium salt (1:1)	98900-76-6	
	S09323	Benzenesulfonic acid, 4-[[[3-(methylamino) propyl](2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]methyl]-, sodium salt (1:1)	98900-75-5	
	S09324	Octanamide, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-N-[3-(trimethoxysilyl)propyl]-	98046-76-5	

Details of changes on BSL(19/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09325	Poly(oxy-1,2-ethanediyl), alpha-[dimethoxy[3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]propyl]silyl]-omega-[[dimethoxy[3-[(2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-1-oxooctyl)amino]propyl]silyl]oxy]-	154380-30-0	Newly listed (Other PFOA Related Compounds)
	S09085	Ammonium undecafluorohexanoate	21615-47-4	Newly listed (PFHxA and its salts)
	S09086	sodium undecafluorohexanoate	2923-26-4	
	S09087	undecafluorohexanoic acid	307-24-4	
	S09079	Trimethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane	85857-16-5	Newly listed (PFHxA related substances)
	S09080	Triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane	51851-37-7	
	S09082	Pentane, 1,1,1,2,2,3,4,5,5-decafluoro-3-methoxy-4-(trifluoromethyl)-	132182-92-4	
	S09083	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	2144-53-8	
	S09088	Chlorodimethyl(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-nocetyl)silane	102488-47-1	
	S09089	sodium hydrogen (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)phosphonate	1189052-95-6	
	S09090	(3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl)phosphonic acid monoethyl ester	1189052-97-8	
	S09091	4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl methacrylate	1228350-17-1	
	S09092	lithium 2-(bis(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluoro-2-hydroxynonyl)amino)ethane-1-sulfonate	1262880-17-0	
	S09093	4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluoro-2-hydroxynonyl acrylate	127377-12-2	
	S09094	Triethoxy[5,5,6,6,7,7,7-heptafluoro-4,4bis(trifluoromethyl)heptyl]silane	130676-81-2	
	S09095	(perfluorohexyl)hexadecane	133310-71-1	
	S09096	1-(Perfluorohexyl)octane	133331-77-8	
	S09097	Trimethyl(tridecafluorohexyl)silane	135841-49-5	
	S09098	4,4,5,5,6,7,7,7-Octafluoro-2-hydroxy-6-(trifluoromethyl)heptyl acrylate	16083-76-4	

Details of changes on BSL(20/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09099	4,4,5,5,6,7,7,7-Octafluoro-2-hydroxy-6-(trifluoromethyl)heptyl methacrylate	16083-79-7	Newly listed (PFHxA related substances)
	S09100	3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl acrylate	17527-29-6	
	S09101	bromotris(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)stannane	175354-31-1	
	S09102	tris(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)stannane	175354-32-2	
	S09103	(prop-2-en-1-yl)tris(3,3,4,4,5,5,6,6,7,7,8,8,8tridecafluorooctyl)stannane	192212-66-1	
	S09104	Tris[4-(tridecafluorohexyl)phenyl]phosphine	193197-68-1	
	S09105	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane	2043-57-4	
	S09106	1H,1H-Tridecafluoro-1-iodoheptane	212563-43-4	
	S09107	Tris[4-(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)phenyl]phosphine	219985-31-6	
	S09108	Phosphonic acid, P-(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)-	252237-40-4	
	S09109	3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooct-1-ene	25291-17-2	
	S09110	1H-Tridecafluoro-3,3-dimethylhex-1-yne	261503-44-0	
	S09111	Thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	
	S09112	Methyl Perfluoroamyl Ketone	2708-07-8	
	S09113	3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonyl chloride	27619-89-2	
	S09114	3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonic acid	27619-97-2	
	S09115	2H,2H,3H,3H-Perfluorononanoic acid	27854-30-4	
	S09116	Perfluorohexanoic Anhydride	308-13-4	
	S09117	1-Methyl-3-(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)imidazolium hexafluorophosphate	313475-50-2	
	S09118	Bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)tin oxide	324063-66-3	
	S09119	Perfluorohexanoyl chloride	335-53-5	
	S09120	1-bromo-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane	335-56-8	
	S09121	4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide	34451-26-8	
	S09122	N-[3-(dimethylamino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,8tridecafluoro-octane-1-sulfonamide	34455-22-6	

Details of changes on BSL(21/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09123	Carboxymethyldimethyl-3- [[[(3,3,4,4,5,5,6,6,7,7,8,8,8tridecafluorooctyl)sulphonyl]amino]pro pylammonium hydroxide	34455-29-3	Newly listed (PFHxA related substances)
	S09124	1H,1H-Undecafluorohexylamine	355-34-0	
	S09125	Perfluorohexanoyl fluoride	355-38-4	
	S09126	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane	355-43-1	
	S09127	4-(3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl)benzyl alcohol	356055-76-0	
	S09128	Diisopropyl(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane	356056-14-9	
	S09129	4-[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)thio]butane-1 thiol	36097-07-1	
	S09130	2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol	375-82-6	
	S09131	Ethyl Perfluoroamyl Ketone	383177-55-7	
	S09132	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	
	S09133	(2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptyl)oxirane	38565-52-5	
	S09134	1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-	423-46-1	
	S09135	1H,1H-Tridecafluoroheptylamine	423-49-4	
	S09136	Methyl Undecafluorohexanoate	424-18-0	
	S09137	Bis(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl) azodicarboxylate	452912-11-7	
	S09138	2- [methyl[(3,3,4,4,5,5,6,6,7,7,8,8,8tridecafluorooctyl)sulphonyl]ami no]ethyl acrylate	49859-70-3	
	S09139	(7E)-7H,8H-Hexacosafuorotetradec-7-ene	51249-67-3	
	S09140	1-Octanesulfonamide, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro- N(2-hydroxyethyl)-N-methyl-	51619-73-9	
	S09141	Perfluoroheptanoyl chloride	52447-22-0	
	S09142	6:2 fluorotelomer carboxylic acid	53826-12-3	
	S09143	3-(Perfluoro-3-methylbutyl)-1,2-propenoxide 97%	54009-81-3	
	S09144	N-[4-(3,3,4,4,5,5,6,6,7,7,8,8,8- Tridecafluorooctyl)benzyloxycarbonyloxy] succinimide	556050-48-7	
	S09145	1H-Perfluorooct-1-yne	55756-24-6	
	S09146	6:2 fluorotelomer aldehyde	56734-81-7	

Details of changes on BSL(22/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09147	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-, 1(dihydrogen phosphate)	57678-01-0	Newly listed (PFHxA related substances)
	S09148	Potassium 3,3,4,4,5,5,6,6,7,7,8,8,8tridecafluorooctanesulphonate	59587-38-1	
	S09149	Ammonium Perfluorohexylethylsulfonate	59587-39-2	
	S09150	sodium 2-methyl-2-([3-[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)thio]propanoyl]amino)propane-1-sulfonate	62880-93-7	
	S09151	perfluoroheptanal	63967-41-9	
	S09152	2-(Perfluoro-3-methylbutyl)ethyl methacrylate	65195-44-0	
	S09153	6:2 fluorotelomer unsaturated aldehyde	69534-12-9	
	S09154	6:2 fluorotelomer unsaturated carboxylic acid	70887-88-6	
	S09155	Dichloromethyl(3,3,4,4,5,5,6,6,7,7,8,8,8tridecafluorooctyl)silane	73609-36-6	
	S09156	2-Hydroxy-N,N-dimethyl-3-sulfo-N-[3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfonyl]amino]propyl]-1-propanaminium, inner salt	76201-56-4	
	S09157	(Perfluorohexyl)phenyliodonium Trifluoromethanesulfonate	77758-84-0	
	S09158	Trichloro(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane	78560-45-9	
	S09159	N-[3-(dimethylamino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,8tridecafluorooctanesulphonamide N-oxide	80475-32-7	
	S09160	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorooctane	80793-17-5	
	S09161	4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol	80806-68-4	
	S09162	1-(Perfluorohexyl)docosane	825651-73-8	
	S09163	N-(4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl)maleimide	852527-41-4	
	S09164	N-(4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl)iodoacetamide	852527-50-5	
	S09165	4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl azide	852527-60-7	
	S09166	Dimethoxymethyl(3,3,4,4,5,5,6,6,7,7,8,8,8tridecafluorooctyl)silane	85857-17-6	
	S09167	3-perfluorohexyl-2-hydroxypropyl methacrylate	86994-47-0	
	S09168	(Perfluorohexyl)trifluorooxirane	87375-53-9	

Details of changes on BSL(23/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09169	2-hydroxy-N,N,N-trimethyl-3- [(3,3,4,4,5,5,6,6,7,7,8,8,8tridecafluorooctyl)thio]propan-1- aminium chloride	88992-45-4	Newly listed (PFHxA related substances)
	S09170	4,4,5,5,6,6,7,7,8,8,9,9-Tridecafluorononyl iodide	89889-20-3	
	S09171	3,3,4,4,5,5,6,6,7,7,7-Undecafluoroheptan-2-ol	914637-05-1	
	S09172	2-Chloro-4,6-bis[3-(perfluorohexyl)propyloxy]-1,3,5-triazine	916770-15-5	
	S09173	N-Succinimidyl 4,4,5,5,6,6,7,7,8,8,9,9-tridecafluorononanoate	932710-51-5	
	S09174	2,7-Bis(1H1H2H,2H-perfluorooctyl)-9- fluorenylmethoxycarbonyl chloride	932710-57-1	
	S09175	3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-chloroacrylate	96383-55-0	Newly listed (PFCAs <C9- C14> and their salts)
	S09326	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-docosafluoro-11- (trifluoromethyl)dodecanoyl fluoride	15811-52-6	
	S09327	Docosafluoro-11-(trifluoromethyl)dodecanoic acid	16486-96-7	
	S09328	Hexacosafuoro-13-(trifluoromethyl)tetradecanoic acid	18024-09-4	
	S09329	Potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11- icosafuoroundecanoate	307-71-1	
	S09330	Ammonium octadecafluoro-9-(trifluoromethyl)decanoate	3658-63-7	
	S09331	Ammonium tricosafuorododecanoate	3793-74-6	
	S09332	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-docosafluoro-11- (trifluoromethyl)lauric acid, compound with ethylamine (1:1)	68015-87-2	Newly listed (PFCAs <C9- C14> related substances)
	S09333	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14- hexacosafuoro-13-(trifluoromethyl)myristoyl fluoride	68025-62-7	
	S09334	4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17 ,17,17-nonacosafuoro-2-hydroxyheptadecyl dihydrogen phosphate	94200-43-8	
	S09335	Bis(2- hydroxyethyl)methyl(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,1 3,14,14,15,15,15-pentacosafuoro-2- hydroxypentadecyl)ammonium iodide	93776-16-0	
	S09336	4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15- pentacosafuoro-2-hydroxypentadecyl dihydrogen phosphate	94200-42-7	

Details of changes on BSL(24/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09337	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafuoroundecanoic acid	1765-48-6	Newly listed (PFCAs <C9- C14> related substances)
	S09338	Bis(2-hydroxyethyl)methyl[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafuoro-2-hydroxy-14-(trifluoromethyl)pentadecyl]ammonium iodide	94159-76-9	
	S09339	2H-Pyran, 2,2,3,3,4,4,5,5,6-nonafluorotetrahydro-6-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluorononyl)-	68155-54-4	
	S09081	Potassium N-ethyl-N-[(tridecafluorohexyl)sulphonyl]glycinate	67584-53-6	Newly listed (PFHxS related substances)
	S09340	1-Hexanesulfonyl bromide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	111393-39-6	
	S09341	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N,N-dimethyl-	1270179-82-2	
	S09342	1-Hexanesulfonamide, N,N-diethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	1270179-93-5	
	S09343	2-Propenoic acid, 2-methyl-, polymers with Bu methacrylate, lauryl methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate	127133-66-8	
	S09344	Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-(2-oxiranylmethyl)	129813-71-4	
	S09345	â-Alanine, N-[3-(dimethylamino)propyl]-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	141607-32-1	
	S09346	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-	1427176-17-7	
	S09347	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N,N-bis(2-methoxyethyl)-	1427176-20-2	
	S09348	Benzenamine, 4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	147029-28-5	
	S09349	Fatty acids, C18-unsatd., trimers, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl esters	148240-80-6	

Details of changes on BSL (25/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09350	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 1,6-diisocyanatohexane homopolymer and ethylene glycol	148684-79-1	Newly listed (PFHxS related substances)
	S09351	Benzene, 1-fluoro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	149652-30-2	
	S09352	Benzoic acid, 2,3,4,5-tetrachloro-6-[[3-(hydroxyphenyl)amino]carbonyl]-, perfluoro-C6-8-alkanesulfonates (esters), monopotassium salts	160305-97-5	
	S09353	2-Propenoic acid, butyl ester, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	160336-17-4	
	S09354	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 2-ethyl-1-hexanol and polymethylenepolyphenylene isocyanate	160901-25-7	
	S09355	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 2-ethyl-1-hexanol, Me Et ketone oxime and polymethylenepolyphenylene isocyanate	160901-26-8	
	S09356	Fatty acids, C18-unsatd., trimers, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl esters	161074-58-4	
	S09357	Sulfonamides, C4-8-alkane, perfluoro, N-(3-chloro-2-hydroxypropyl)-N-methyl	1645842-67-6	
	S09358	Sulfonamides, C7-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,3-bis(isocyanatomethyl)benzene and N-butyl-1-butanamine	1645850-46-9	
	S09359	Sulfonamides, C7-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,3-bis(isocyanatomethyl)benzene	1645852-09-0	
	S09360	Siloxanes and Silicones, di-Me, Bu group- and 3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group-terminated, telomers with acrylic acid, di-Me, Me 3-mercaptopropyl siloxanes, Me acrylate, Me methacrylate and 2-[methyl[(perfluoro-c4-8-alkyl)sulfonyl]amino]ethyl acrylate, 2,2'-(1,2-diazenediyl)bis[2-m	1645852-10-3	

Details of changes on BSL(26/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09361	2-Propenoic acid, polymers with lauryl acrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	1648534-82-0	Newly listed (PFHxS related substances)
	S09362	Poly(oxy-1,2-ethanediyl), á-[2-(methylamino)ethyl]-ù-hydroxy-, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs., C12-16-alkyl ethers	1648539-69-8	
	S09363	2-Propenoic acid, 2-(methylamino)ethyl ester, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs., polymers with propene	1648540-20-8	
	S09364	Benzene, 1-nitro-4-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	171561-95-8	
	S09365	1-Hexanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt (1:1)	178094-71-8	
	S09366	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), polymers with 1,1'-methylenebis[4-isocyanatobenzene] and polymethylenepolyphenylene isocyanate, 2-ethylhexyl esters, Me Et ketone oxime-blocked	178535-22-3	
	S09367	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl], potassium salts	179005-06-2	
	S09368	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl]	179005-07-3	
	S09369	2-Propenoic acid, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	1893-52-3	
	S09370	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethylamino)propyl], reaction products with acrylic acid	192662-29-6	
	S09371	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with poly(Bu acrylate) and polyethylene-polypropylene glycol mono-Bu ether	222716-67-8	
	S09372	Pyridinium, 1-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, inner salt	254889-10-6	
	S09373	1-Hexanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	30295-56-8	

Details of changes on BSL(27/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09374	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with 12-hydroxyoctadecanoic acid and 2,4-TDI, ammonium salts	306973-47-7	Newly listed (PFHxS related substances)
	S09375	Sulfonamides, C4-8-alkane, perfluoro, N-methyl-N-[(3-octadecyl-2-oxo-5-oxazolidinyl)methyl]	306974-19-6	
	S09376	Siloxanes and Silicones, di-Me, mono[3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group]-terminated, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and stearyl methacrylate	306974-28-7	
	S09377	Sulfonic acids, C6-8-alkane, perfluoro, compds. with polyethylene-polypropylene glycol bis(2-aminopropyl) ether	306974-45-8	
	S09378	Fatty acids, C18-unsatd., dimers, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl esters	306974-63-0	
	S09379	Poly(oxy-1,2-ethanediyl), á-hydro-ù-hydroxy-, polymer with 1,6-diisocyanatohexane, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkanesulfonamides-blocked	306975-84-8	
	S09380	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with N-(hydroxymethyl)-2-propenamide, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate, stearyl methacrylate and vinylidene chloride	306975-85-9	
	S09381	1-Hexadecanaminium, N,N-dimethyl-N-[2-[(2-methyl-1-oxo-propen-1-yl)oxy]ethyl]-, bromide (1:1), polymers with Bu acrylate, Bu methacrylate and 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate	306976-25-0	
	S09382	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with 2,4-diisocyanato-1-methylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 2-propenoic acid, N-ethyl-N-(hydroxyethyl)perfluoro-C4-8-alkanesulfonamides-blocked	306976-55-6	

Details of changes on BSL(28/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09383	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, telomer with 2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl methacrylate and 1-octanethiol, N-oxides	306977-10-6	Newly listed (PFHxS related substances)
	S09384	2-Propenoic acid, 2-methyl-, 3-(trimethoxysilyl)propyl ester, polymers with acrylic acid, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and propylene glycol monoacrylate, hydrolyzed, compds. with 2,2'-(methylimino)bis[ethanol]	306977-58-2	
	S09385	2-Propenoic acid, butyl ester, polymers with acrylamide, 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride	306978-04-1	
	S09386	Hexane, 1,6-diisocyanato-, homopolymer, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkanesulfonamides- and stearyl alc.-blocked	306978-65-4	
	S09387	Poly(oxy-1,2-ethanediyl), á-[2-(methylamino)ethyl]-ù-[(1,1,3,3-tetramethylbutyl)phenoxy]-, N-[(perfluoro-C4-8-alkyl)sulfonyl] derivs.	306979-40-8	
	S09388	Sulfonamides, C4-8-alkane, perfluoro, N,N'-[1,6-hexanediylbis[(2-oxo-3,5-oxazolidinediyl)methylene]]bis[N-methyl-	306980-27-8	
	S09389	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-	34455-03-3	
	S09390	1-Propanaminium, 3-[(carboxymethyl)][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-N,N,N-trimethyl-, inner salt	38850-52-1	
	S09391	1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-3-[(3-sulfopropyl)][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, inner salt	38850-58-7	
	S09392	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl]][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-	38850-60-1	

Details of changes on BSL(29/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09393	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	41997-13-1	Newly listed (PFHxS related substances)
	S09394	1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	423-50-7	
	S09395	2-Propenoic acid, 2-methyl-, 2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl ester, polymers with polyethylene glycol acrylate Me ether	504396-13-8	
	S09396	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	50598-28-2	
	S09397	Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, reaction products with Me Et ketone oxime, 2-mercaptoethanol, 2-[methyl[(perfluoro-C3-8-alkyl)sulfonyl]amino]ethyl acrylate, polymethylenepolyphenylene isocyanate and polypropylene glycol	507225-08-3	
	S09398	1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, chloride (1:1)	52166-82-2	
	S09399	1-Hexanesulfonyl chloride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	55591-23-6	
	S09400	Poly(oxy-1,2-ethanediyl), á-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-ù-hydroxy-	56372-23-7	
	S09401	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-2-propen-1-yl-	67584-48-9	
	S09402	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-57-0	
	S09403	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	
	S09404	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	
	S09405	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, polymer with octadecyl 2-propenoate and 2-propenoic acid	67906-71-2	

Details of changes on BSL(30/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09406	2-Propenoic acid, 2-methyl-, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl ester	67939-61-1	Newly listed (PFHxS related substances)
	S09407	1-Hexanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	67939-92-8	
	S09408	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-(phosphonooxy)ethyl]-	67969-65-7	
	S09409	Hexane, 1-(ethenylsulfinyl)-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	680187-85-3	
	S09410	Hexane, 1-(ethenylsulfonyl)-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	680187-86-4	
	S09411	Carbamic acid, N,N'-(4-methyl-1,3-phenylene)bis-, bis[2-[ethyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl] ester	68081-83-4	
	S09412	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]	68227-87-2	
	S09413	2-Propenoic acid, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, á-(2-methyl-1-oxo-2-propen-1-yl)-ù-hydroxypoly(oxy-1,2-ethanediyl), á-(2-methyl-1-oxo-2-propen	68227-94-1	
	S09414	2-Propenoic acid, butyl ester, telomer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, á-(2-methyl-1-oxo-2-propen-1-yl)-ù-hydroxypoly(oxy-1,4-butanediyl), á-(2-m	68227-96-3	

Details of changes on BSL(31/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09415	2-Propenoic acid, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl ester	68227-98-5	Newly listed (PFHxS related substances)
	S09416	2-Propenoic acid, ethyl ester, polymer with 4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]butyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]butyl 2-propenoate, á-(2-methyl-1-oxo-2-propen-1-yl)-ù-hydroxypoly(oxy-1,4-butanediyl), á-(2-m	68228-00-2	
	S09417	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(4-hydroxybutyl)-N-methyl-	68239-74-7	
	S09418	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-	68259-15-4	
	S09419	Poly[oxy(methyl-1,2-ethanediyl)], á-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-ù-hydroxy-	68259-38-1	
	S09420	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(phenylmethyl)-	68298-09-9	
	S09421	2-Propenoic acid, 2-methyl-, 2-[[[[5-[[[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl ester (9CI)	68298-74-8	
	S09422	2-Propenoic acid, 2-methyl-, 2-[[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl ester, telomer with butyl 2-propenoate, 2-[[[[5-[[[2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethox	68298-78-2	
	S09423	Benzenesulfonic acid, [[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]methyl]-, sodium salt (1:1)	68299-21-8	

Details of changes on BSL(32/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09424	2-Propenoic acid, 2-methyl-, 4- [[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluorooctyl)sulfonyl]methylamino]butyl ester, telomer with butyl 2-propenoate, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2- propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobut	68299-39-8	Newly listed (PFHxS related substances)
	S09425	2-Propenoic acid, eicosyl ester, polymer with 2- [[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2- propenoate, hexadecyl 2-propenoate, 2- [methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentade	68329-56-6	
	S09426	Sulfonic acids, C6-12-alkane, perfluoro, potassium salts	68391-09-3	
	S09427	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluorohexyl)sulfonyl]-, sodium salt (1:1)	68555-70-4	
	S09428	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N- (2-hydroxyethyl)-N-methyl-	68555-75-9	
	S09429	Polymer based on 67584-55-8	68555-90-8	
	S09430	2-Propenoic acid, 2-methyl-, 2- [ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoroheptyl)sulfonyl]amino	68555-91-9	
	S09431	2-Propenoic acid, 2-methyl-, 2- [[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(1,1,2,2,3,3,4,4,4- nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoroheptyl)sulfonyl]am	68555-92-0	

Details of changes on BSL(33/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09432	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-chloro-1,3-butadiene, 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecaflu	68568-77-4	Newly listed (PFHxS related substances)
	S09433	2-Propenoic acid, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, á-(2-methyl-1-oxo-2-propenyl)-ù-hydroxypoly(oxy-1,2-ethanediyl), á-(2-methyl-1-oxo-2-propenyl)-ù-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-etha	68586-13-0	
	S09434	2-Propenoic acid, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, telomer with 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, á-(2-methyl-1-oxo-2-propen-1-yl)-ù-hydroxypoly(oxy-1,2-ethanediyl), á-(2-methyl-1-oxo-2-propen	68586-14-1	
	S09435	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with TDI	68608-13-9	
	S09436	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with 1,1'-methylenebis[4-isocyanatobenzene]	68608-14-0	
	S09437	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-, reaction products with N-ethyl-1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-1-butan-sulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-1-heptanesulfonamide, N-et	68649-26-3	

Details of changes on BSL(34/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09438	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro	68797-76-2	Newly listed (PFHxS related substances)
	S09439	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, potassium salt (1:1)	68815-72-5	
	S09440	2-Propenoic acid, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoa	68867-60-7	
	S09441	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino	68867-62-9	
	S09442	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino	68877-32-7	
	S09443	Chromium, diaquatetrachloro[î-[N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]glycinato-êO:êO']]-î-hydroxybis(2-propanol)di-	68891-98-5	

Details of changes on BSL (35/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09444	2-Propenoic acid, eicosyl ester, polymers with branched octyl acrylate, 2-[[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl acrylate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl acrylate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl acrylate, 2-[methyl[(tridecafluorohexyl)sulfonyl]ami	68909-15-9	Newly listed (PFHxS related substances)
	S09445	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	68957-32-4	
	S09446	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, ethyl ester	68957-53-9	
	S09447	1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, iodide (1:1)	68957-58-4	
	S09448	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, hydrochloride (1:1)	68957-61-9	
	S09449	1-Propanaminium, N,N,N-trimethyl-3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-, sulfate (2:1)	70248-52-1	
	S09450	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 1,1-dichloroethene, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[met	70776-36-2	
	S09451	2-Propenoic acid, 2-methyl-, 2-[[[[2-methyl-5-[[[4-[methyl[(tridecafluorohexyl)sulfonyl]amino]butoxy]carbonyl]amino]phenyl]amino]carbonyl]oxy]propyl ester (9CI)	70900-36-6	
	S09452	2-Propenoic acid, 2-methyl-, 2-[[[[5-[[[4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]butoxy]carbonyl]amino]-2-methylphenyl]amino]carbonyl]oxy]propyl ester, telomer with butyl 2-propenoate, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methy	70900-40-2	

Details of changes on BSL(36/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09453	2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-penta	71487-20-2	Newly listed (PFHxS related substances)
	S09454	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-2-hydroxy-, sodium salt (1:1)	73772-32-4	
	S09455	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, acetate (1:1)	73772-33-5	
	S09456	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-[2-(2-hydroxyethoxy)ethoxy]ethyl]-	73772-34-6	
	S09457	Benzene, 1-chloro-4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	76848-59-4	
	S09458	1H-Benzimidazolium, 1,3-diethyl-2-methyl-5-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, 4-methylbenzenesulfonate (1:1)	76848-68-5	
	S09459	1-Propanesulfonic acid, 3-[methyl[3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]propyl]amino]-, sodium salt (1:1)	80621-17-6	
	S09460	1-Propanaminium, N-(2-hydroxyethyl)-3-[(2-hydroxy-3-sulfopropyl][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-N,N-dimethyl-, hydroxide, sodium salt (1:1:1)	81190-38-7	
	S09461	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-propyl-	85665-64-1	
	S09462	Glycine, N-propyl-N-[[[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, potassium salt (1:1)	85665-66-3	

Details of changes on BSL(37/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09463	1-Hexanesulfinic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (2:1)	86525-30-6	Newly listed (PFHxS related substances)
	S09464	Thiophene, 2-[2-[(tridecafluorohexyl)sulfonyl]ethenyl]-	86525-43-1	
	S09465	Furan, 2-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-48-6	
	S09466	Benzene, 1-methyl-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-51-1	
	S09467	Benzene, 1-methoxy-4-[2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethenyl]-	86525-52-2	
	S09468	Thiophene, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-48-9	
	S09469	Furan, 2-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-49-0	
	S09470	Benzene, 1-methyl-4-[1-(phenylthio)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-50-3	
	S09471	Thiophene, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-55-8	
	S09472	Furan, 2-[1-(nitromethyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-56-9	
	S09473	2,4-Pentanedione, 3-[1-(2-thienyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-63-8	
	S09474	2,4-Pentanedione, 3-[1-(2-furanyl)-2-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]ethyl]-	89863-64-9	
	S09475	Sulfonamides, C4-8-alkane, perfluoro, N-(hydroxyethyl)-N-methyl, reaction products with epichlorohydrin, adipates (esters)	91081-99-1	
	S09476	Isoxazolidine, 4-(4-methoxyphenyl)-2-methyl-5-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-	93416-31-0	

Details of changes on BSL(38/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09477	Sulfonic acids, C6-12-alkane, perfluoro	93572-72-6	Newly listed (PFHxS related substances)
	S09478	Sulfonamides, C4-8-alkane, perfluoro, N-[4,7-dimethyl-4-[(1-methylpropylidene)amino]oxy]-3,5-dioxa-6-aza-4-silanon-6-en-1-yl]-N-ethyl	944578-05-6	
	S00005	Boron B	7440-42-8	
	S00012	Magnesium Mg	7439-95-4	“D” setting change (From CRM declaration request)
	S00021	Scandium Sc	7440-20-2	
	S00032	Germanium Ge	7440-56-4	
	S00038	Strontium Sr	7440-24-6	
	S00039	Yttrium Y	7440-65-5	
	S00041	Niobium Nb	7440-03-1	
	S00043	Ruthenium Ru	7440-18-8	
	S00044	Rhodium Rh	7440-16-6	
	S00045	Palladium Pd	7440-05-3	
	S00056	Lanthanum La	7439-91-0	
	S00057	Cerium Ce	7440-45-1	
	S00058	Praseodymium Pr	7440-10-0	
	S00059	Neodymium Nd	7440-00-8	
	S00060	Samarium Sm	7440-19-9	
	S00061	Europium Eu	7440-53-1	
	S00062	Gadolinium Gd	7440-54-2	
	S00063	Terbium Tb	7440-27-9	
	S00064	Dysprosium Dy	7429-91-6	
	S00065	Holmium Ho	7440-60-0	
	S00066	Erbium Er	7440-52-0	
	S00067	Thulium Tm	7440-30-4	
	S00068	Ytterbium Yb	7440-64-4	
	S00069	Lutetium Lu	7439-94-3	
	S00074	Osmium Os	7440-04-2	
	S00075	Iridium Ir	7439-88-5	

Details of changes on BSL(39/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S00076	Platinum Pt	7440-06-4	“D” setting change (From CRM declaration request)
	S00575	Magnesium hydroxide	1309-42-8	
	S04034	Ruthenium-dioxide	12036-10-1	
	S04040	Dineodymium trioxide	1313-97-9	
	S04056	Boric acid (H3BO3), zinc salt (2:3)	10192-46-8	
	S04064	Yttrium oxide (Y2-O3)	1314-36-9	
	S04067	Iron strontium oxide (Fe12SrO19)	12023-91-5	
	S04084	Magnesium-oxide	1309-48-4	
	S04139	Magnesium titanium oxide (MgTiO3)	12032-30-3	
	S04143	Strontium oxide (SrO)	1314-11-0	
	S04156	Zinc borate	1332-07-6	
	S04176	Talc	14807-96-6	
	S04209	Graphite	7782-42-5	
	S04213	Magnesium distearate	557-04-0	
	S04273	Tetra[carbonato(2-)]dihydroxypentamagnesium	7760-50-1	
	S04306	Gadolinium oxide (Gd2-O3)	12064-62-9	
	S04362	Aluminium magnesium hydroxide carbonate hydrate	12304-65-3	
	S04440	Cerium-dioxide	1306-38-3	
	S04454	Magnesium-carbonate	546-93-0	
	S04484	Sepiolite	63800-37-3	
	S04501	Dodecaboron tetrazinc docosaoxide heptahydrate	138265-88-0	
	S04517	Magnesium silicate	13776-74-4	
	S04537	Strontium titanate	12060-59-2	
	S04544	Strontium-carbonate	1633-05-2	
	S04662	Diniobium-pentaoxide	1313-96-8	
	S04681	Flame retardants(ISO 1043-4) not to declare : Boron or zinc compound	—	
	S04712	Magnesium aluminum hydroxide carbonate	11097-59-9	
	S04738	Fillers and reinforcing materials(ISO 1043-2) T(Talcum)	—	
	S04773	Praseodymium oxide	12037-29-5	

Details of changes on BSL(40/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S04776	Europium oxide (Eu2O3)	1308-96-9	“D” setting change (From CRM declaration request)
	S04785	Lanthanum oxide (La2O3)	1312-81-8	
	S04824	C.I. Pigment Red 48:3	15782-05-5	
	S04889	Diiron-magnesium-tetraoxide	12068-86-9	
	S04909	Terbium oxide (Tb4O7)	12037-01-3	
	S04944	Boron mononitride	10043-11-5	
	S04977	Diniobium trioxide	12059-63-1	
	S05033	Strontium zirconium oxide (SrZrO3)	12036-39-4	
	S05050	Aluminum yttrium oxide	12005-21-9	
	S05095	Neodymium (III) Titanate	12058-94-5	
	S05140	Samarium oxide (Sm2O3)	12060-58-1	
	S05145	Magnesium fluoride (MgF2)	7783-40-6	
	S05153	Magnesium titanium oxide (Mg2TiO4)	12032-52-9	
	S05158	Benzyltris(dimethylamino)phosphorus(1+) tetrafluoroborate(1-)	94088-77-4	
	S05195	Dineodymium dititanium heptaoxide	12035-31-3	
	S05206	Zinc borate oxide (Zn4(BO3)2O), monohydrate (9CI)	149749-62-2	
	S05288	Boron, (ethanamine)trifluoro-, (beta-4)	75-23-0	
	S05338	Magnesium-silicate-hydrate	1343-90-4	
	S05362	Lutetium oxide	12032-20-1	
	S05367	Barium calcium europium strontium silicate (Ba1.3Ca0.2Eu0.1Sr0.4(SiO4)) (9CI)	374783-70-7	
	S05418	Barium-diboron-tetraoxide	13701-59-2	
	S05462	Dilanthanum dititanium heptaoxide	12031-47-9	
	S05490	Lithium niobium oxide (LiNbO3)	12031-63-9	
	S05496	Ytterbium (III) oxide	1314-37-0	
	S05521	Germanium-tetrahydride	7782-65-2	
	S05533	Palladium-dichloride	7647-10-1	
	S05552	Zinc-borate	51201-70-8	
	S05585	Metaboric acid (HBO2)	13460-50-9	
	S05642	Yttrium oxide (Y2O3), europium-doped	68585-82-0	

Details of changes on BSL(41/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S05643	Cerium (IV) hydroxide	12014-56-1	“D” setting change (From CRM declaration request)
	S05658	Chlorite	1318-59-8	
	S05701	Boric acid, compd. with 2-aminoethanol	68425-67-2	
	S05749	Phosphoric acid, lanthanum salt, cerium terbium-doped	95823-34-0	
	S05754	Aluminum borate oxide (Al18(BO3)4O21) (9CI)	12005-61-7	
	S05759	Lanthanum titanium trioxide	12201-04-6	
	S05833	Nitric acid, strontium salt	10042-76-9	
	S05839	C.I. Pigment Yellow 162	68611-42-7	
	S05849	Titanate (TiO3,2-), barium strontium (2:1:1)	12430-73-8	
	S05908	Polyvinyl alcohol boric acid complex	55199-96-7	
	S05949	Strontium sulfate	7759-02-6	
	S05950	Neodymium nitrate hexahydrate	16454-60-7	
	S06026	Magnesium sodium fluoride silicate	56450-90-9	
	S06040	Aluminum magnesium zinc carbonate hydroxide	169314-88-9	
	S06117	Tristrontium nitride	12033-82-8	
	S06145	Aluminum barium magnesium oxide	63774-55-0	
	S06154	Platinum-divinyltetramethylsiloxane complex	68478-92-2	
	S06275	boron-carbide	12069-32-8	
	S06292	Magnesium-sulphate	7487-88-9	
	S06320	Phosphoric acid, magnesium salt	10043-83-1	
	S06365	Aluminum oxide (Al2O3), solid soln. with barium oxide and magnesium oxide, europium-doped	102110-17-8	
	S06386	Platinum, chloro octanol complexes	68412-56-6	
	S06400	Magnesium silicate	1343-88-0	
	S06433	Palladium oxide (PdO)	1314-08-5	
	S06442	Aluminum borate silicate	12788-79-3	
	S06443	Strontium peroxide	1314-18-7	
	S06478	Reaction mass of boron and iron and neodymium	-	
	S06486	Magnesium-chloride	7786-30-3	
	S06512	Magnesium sulfate heptahydrate (MgSO4.7H2O)	10034-99-8	

Details of changes on BSL(42/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S06522	Zinc-fluoroborate	13826-88-5	“D” setting change (From CRM declaration request)
	S06551	Magnesium silicon oxide (Mg ₂ Si ₃ O ₈)	14987-04-3	
	S06610	Synthetic magnesium lithium silicate	53320-86-8	
	S06634	Ethanol, 2-[2-(2-methoxyethoxy)ethoxy]-, triester with boric acid (H...	30989-05-0	
	S06680	Magnesium acetate	142-72-3	
	S06704	boron-trifluoride	7637-07-2	
	S06773	Sodium metaborate	7775-19-1	
	S06858	Germanium dioxide	1310-53-8	
	S06861	Ethanaminium, N,N-diethyl-N-methyl-, tetrafluoroborate(1-) (1:1)	69444-47-9	
	S06865	Magnesium hydroxide sulfate (Mg ₆ (OH) ₁₀ (SO ₄)), hydrate (1:3)	12508-61-1	
	S06959	lanthanum titanate	–	
	S07025	Zinc borate, hydrated	12447-61-9	
	S07046	Dysprosium oxide (Dy ₂ O ₃)	1308-87-8	
	S07109	Cerium sulfide (Ce ₂ -S ₃)	12014-93-6	
	S07136	Lanthanum hexaboride	12008-21-8	
	S07234	Calcium borate	12007-56-6	
	S07251	Ammonium fluoborate	13826-83-0	
	S07382	Magnesium-carbonate-hydroxide	12125-28-9	
	S07392	Strontium bis[2-chloro-5-[(2-hydroxy-1-naphthyl)azo]toluene-4-sulpho...	73263-40-8	
	S07394	Polyolefin amide alkeneamine borate	–	
	S07450	Aluminum oxide (Al ₂ O ₃), solid soln. with cerium oxide (CeO ₂) and magnesium oxide, terbium-doped	102110-19-0	
	S07465	Platinum oxide	12035-82-4	
	S07475	Magnesium(2+) 12-hydroxyoctadecanoate	40277-04-1	
	S07483	Boric acid (H ₂ B ₄ O ₇), dilithium salt	12007-60-2	
	S07495	Strontium fluoride	7783-48-4	
	S07498	Phosphonic acid, strontium salt (1:1) (8Cl, 9Cl)	14332-40-2	
	S07505	Ethanaminium, N,N,N-triethyl-, tetrafluoroborate(1-)	429-06-1	

Details of changes on BSL(43/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S07507	Niobium Carbide	12069-94-2	“D” setting change (From CRM declaration request)
	S07509	Iron samarium nitride (Fe17Sm2N3)	132086-17-0	
	S07510	Borated reaction product of polybutenyl succinic anhydride with ethylenediamine-piperazine polymer (EPA TSCA 17799)	-	
	S07527	Yttrium oxide (Y2O3), ytterbium-doped	68585-83-1	
	S07538	Silicic acid (H4SiO4), magnesium salt (8CI, 9CI)	26686-77-1	
	S07546	Boron oxide	12045-60-2	
	S07574	Magnesium hydrogenorthophosphate	7757-86-0	
	S07607	Amines, polyethylenepoly-, reaction products with succinic anhydride polybutenyl derivs.,maleated, borated (EPA AC # 177992)	-	
	S07662	Carbonic acid, magnesium salt (1:1), mixt. with magnesium hydroxide (Mg(OH)2), hydrate	39409-82-0	
	S07668	Iron, compound with neodymium (17:2)	12063-74-0	
	S07708	Silicic acid, aluminum magnesium sodium salt	12040-43-6	
	S07798	Magnesium silicon sodium fluoride hydroxide oxide	37296-97-2	
	S07802	Sodium borate silicate	50815-87-7	
	S07823	Boric acid, 2-aminoethyl ester	68130-12-1	
	S07844	Niobium oxide (NbO)	12034-57-0	
	S07992	Dialuminium magnesium tetraoxide	315689-16-8	
	S08010	Europium nitride	12020-58-5	
	S08016	Magnesium oxide silicate (Mg3O(Si2O5)2), monohydrate (9CI)	12207-97-5	
	S08844	Magnesium-hexafluorosilicate	16949-65-8	
	S08845	Ruthenium oxide (RuO2), hydrate (8CI, 9CI)	32740-79-7	
	S08846	5-Azoniaspiro[4.4]nonane, tetrafluoroborate(1-) (1:1)	129211-47-8	
	S08847	Triethanolamine, boric acid salt	10049-36-2	
	S08848	Trimethyl-borate	121-43-7	
	S08849	Hexamagnesium heptasodium dohectaoxodibismuthatepentatriacontasilicatetridecaaluminate(19-)	100209-15-2	
	S08850	Diammonium decaborate	12007-89-5	

Details of changes on BSL(44/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S08851	Boric acid (HBO2), lithium salt	13453-69-5	“D” setting change (From CRM declaration request)
	S08852	Bis(2-aminoethanol), diester with boric acid	22232-01-5	
	S08853	Diborane(6)	19287-45-7	
	S08854	Barium oxide (BaO), solid soln. with calcium oxide, magnesium oxide, phosphorus oxide (P2O5), strontium oxide and zinc oxide, ceriumand manganese-doped	101356-94-9	
	S08855	Ammonium boron oxide ((NH4)B5O8), hydrate (1:4)	135890-30-1	
	S08856	Calcium magnesium titanium oxide	59114-54-4	
	S08857	Rhodium oxide	12036-35-0	
	S08858	Palladium nitrate	10102-05-3	
	S08859	Amine borate for base oil/lubricants	—	
	S08860	Tetrafluoroboric-acid	16872-11-0	
	S08861	Phosphonium, tetraphenyl-, tetraphenylborate(1-) (1:1)	15525-15-2	
	S08862	Aluminate (Al(OH)63-), (OC-6-11)-, magnesium carbonate hydroxide, hydrate (2:6:1:4:4)	12363-58-5	
	S08863	Aluminum terbium oxide	12005-19-5	
	S08864	Lithium tetrafluoroborate	14283-07-9	
	S08865	Magnesium(II) nitrate (1:2), hexahydrate	13446-18-9	
	S08866	Osmium-trichloride	13444-93-4	
	S08867	Sodium-tetrahydroborate	16940-66-2	
	S08868	Phosphoric acid, magnesium salt (2:3)	7757-87-1	
	S08869	Siloxanes and Silicones, di-Me, polymers with boron oxide (B2O3)	75783-29-8	
	S08870	Dialuminium magnesium tetraoxide	12068-51-8	
	S08871	Yttrium fluoride	13709-49-4	
	S08872	Magnesium ricinoleate	22677-47-0	
	S08873	alpha-Methyl-omega-hydroxypoly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxypoly(oxy-1,2-ethanediyl)borate	71243-41-9	
	S08874	Boron fluoride dihydrate	13319-75-0	
	S08875	Carbonic acid, lanthanum (3) salt (3:2), hydrate	54451-24-0	
	S08876	Magnesium bis(dinonylnaphthalenesulphonate)	28015-99-8	

Details of changes on BSL(45/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S08877	Rhodium nitrate	10139-58-9	“D” setting change (From CRM declaration request)
	S08878	Boron potassium oxide (B4K2O7), tetrahydrate	12045-78-2	
	S08879	Platinum, dicarbonyldichloro-, reaction products with 2,4,6-triethenyl-2,4,6-trimethylcyclotrisiloxane	73018-55-0	
	S08880	Dimethylamine-borane (1:1)	74-94-2	
	S08881	Magnesium-nitrate	10377-60-3	
	S08882	2-Ethylhexanoic acid, cerium salt	24593-34-8	
	S08883	Neodymium iodide (NdI3)	13813-24-6	
	S08884	Magnesium aluminate	11137-98-7	
	S08885	Fatty acids, tall-oil, reaction products with iminodiethanol and bor...	91770-03-5	
	S08886	Triethanolamine borate	68413-80-9	
	S08887	Scandium iodide (ScI3)	14474-33-0	
	S08888	Hafnium boride (HfB2)	12007-23-7	
	S08889	Magnesium dichloride hexahydrate	7791-18-6	
	S08890	Sodium boron tetrafluoride	13755-29-8	
	S08891	Zirconium boride (ZrB2)	12045-64-6	
	S08892	Monoethanolamine borate	10377-81-8	
	S08893	Trifluoro(piperidine)boron	592-39-2	
	S08894	Phosphoric acid, strontium salt (1:1)	13450-99-2	
	S08895	Boric acid (H3-BO3), potassium salt	20786-60-1	
	S08896	Boric acid, compd. with 2,2'-iminobis(ethanol)	68425-66-1	
	S08897	Tin bis(tetrafluoroborate)	13814-97-6	
	S08898	Lanthanum(3+) sulfide	12031-49-1	
	S08899	2-Propanol, 1-amino-, compound with boric acid (H3-BO3)	26038-90-4	
	S08900	2-Hydroxy-4-tetradecyl-1,3,2-dioxaborolane	84819-41-0	
	S08901	Palladium tetraammine dichloride	13815-17-3	
	S08902	Lanthanum(III) nitrate hexahydrate	10277-43-7	
	S08903	Boron potassium oxide (B5KO8)	11128-29-3	
	S08904	Boric acid (HBO2), calcium salt	13701-64-9	

Details of changes on BSL(46/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S08895	Boric acid (H3-BO3), potassium salt	20786-60-1	“D” setting change (From CRM declaration request)
	S08896	Boric acid, compd. with 2,2'-iminobis(ethanol)	68425-66-1	
	S08897	Tin bis(tetrafluoroborate)	13814-97-6	
	S08898	Lanthanum(3+) sulfide	12031-49-1	
	S08899	2-Propanol, 1-amino-, compound with boric acid (H3-BO3)	26038-90-4	
	S08900	2-Hydroxy-4-tetradecyl-1,3,2-dioxaborolane	84819-41-0	
	S08901	Palladium tetraammine dichloride	13815-17-3	
	S08902	Lanthanum(III) nitrate hexahydrate	10277-43-7	
	S08903	Boron potassium oxide (B5KO8)	11128-29-3	
	S08904	Boric acid (HBO2), calcium salt	13701-64-9	
	S08905	Magnesium ammonium phosphate hexahydrate	15490-91-2	
	S08906	Magnesium methacrylate	7095-16-1	
	S08907	Magnesium bis(dihydrogenorthophosphate)	13092-66-5	
	S08908	Magnesium metaborate	13703-82-7	
	S08910	Aluminum magnesium silicate	1327-43-1	
	S08911	Rhodium tris(2-ethylhexanoate)	20845-92-5	
	S08912	Strontium oxalate	814-95-9	
	S08913	(2-Hydroxyethyl)ammonium dihydrogen orthoborate	68586-07-2	
	S08914	(4-(1-Methylethyl)phenyl)-(4-methylphenyl)iodonium tetrakis(pentafluorophenyl)borate (1-)	178233-72-2	
	S08915	Boron sodium oxide (B5NaO8)	12007-92-0	
	S08916	Strontium bis(2-ethylhexanoate)	2457-02-5	
	S08917	Aluminum strontium oxide (Al2SrO4)	12004-37-4	
	S08918	Boric acid (H3BO3), compd. with 2-aminoethanol	26038-87-9	
	S08919	Boric acid, reaction products with ethylene glycol and polyethylene glycol mono-Me ether	68441-44-1	
	S08920	C.I. Pigment Orange 79	250640-08-5	
	S08921	Benzenesulfonic acid, mono- and dialkyl derivs., magnesium salts	71786-47-5	
	S08922	boron-tribromide	10294-33-4	
	S08923	boron-trichloride	10294-34-5	

Details of changes on BSL(47/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S08924	Dihydrogen bis(acetato-O)difluoroborate(1-)	373-61-5	“D” setting change (From CRM declaration request)
	S08925	Decaborane(14)	17702-41-9	
	S08926	Potassium-metaborate	13709-94-9	
	S08927	Dipotassium-tetraborate	1332-77-0	
	S08928	Potassium-tetrafluoroborate	14075-53-7	
	S08929	Norbormide	991-42-4	
	S08930	Osmium-tetraoxide	20816-12-0	
	S08931	Pentaborane(9)	19624-22-7	
	S08932	Boric acid (H3BO3), reaction products with ethanolamine and triethanolamine	68512-53-8	
	S08933	Boric acid (H4B2O5), tetrasodium salt, pentahydrate	25481-93-0	
	S08934	Orthoboric acid, compound with 1,3,5-triazine-2,4,6-triamine	53587-44-3	
	S08935	Boric acid, compd. with 1,3,5-triazine-2,4,6-triamine	54649-97-7	
	S08936	Benzenesulfonic acid, C10-60-alkyl derivs., magnesium salts	93028-29-6	
	S08937	Ethanol, 2-[2-(2-methoxyethoxy)ethoxy]-, ester with boric acid (H3BO3)	93165-89-0	
	S08938	Magnesium potassium titanium oxide	39290-90-9	
	S08939	Octanoic acid, cerium salt	7435-02-1	
	S08940	Fatty acids, C16-18, magnesium salts	91031-63-9	
	S08941	Aluminum strontium oxide (9Cl)	42617-47-0	
	S08942	Magnesium potassium silicon fluoride hydroxide oxide	273730-58-8	
	S08943	Cerium-Iron oxide Isostearate	-	
	S08944	Boric acid (H3BO3), compd. with 2-(2-aminoethoxy)ethanol (1:1)	124756-59-8	
	S08945	Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated	134758-95-5	
	S08946	Barium strontium niobate	37185-09-4	
	S08947	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol, 4,4'-(1-methylethylidene)bis(phenol) and 4-methylphenol, magnesium oxide complex	150226-40-7	

Details of changes on BSL(48/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S08948	Magnesium bromide (MgBr ₂), hexahydrate (9CI)	13446-53-2	“D” setting change (From CRM declaration request)
	S08949	Magnesium bromide	7789-48-2	
	S08950	Boronic acid, B-2-naphthalenyl-	32316-92-0	
	S08951	Strontium Aluminium Oxide Spinel (SrAl ₂ O ₄), europium-doped	201426-52-0	
	S08952	Titanium boride	12045-63-5	
	S08953	Dysprosium oxide	37247-99-7	
	S08954	Ethanol, 2-methoxy-, manuf. of, by-products from, esters with boric acid (H ₃ BO ₃)	161907-80-8	
	S08955	Strontium chloride	10476-85-4	
	S08956	Barium europium magnesium silicon strontium oxide	944044-88-6	
	S08960	Niobium nitride (NbN)	24621-21-4	
	S08961	Borate(1-), bis(ethanedioato(2-)-kappaO1,kappaO2)-, lithium (1:1), (T-4)-	244761-29-3	
	S08962	D-Glucurono-6-deoxy-L-manno-D-glucan, acetate, calcium magnesium potassium sodium salt	595585-15-2	
	S08963	Didymium oxide	11141-21-2	
	S08964	Magnesium, bis(2-hydroxybenzoato-O1,O2)-, ar,ar'-di-C>13-alkyl derivs.	84929-98-6	
	S08965	Niobium sulfur tin zinc oxide	1374645-21-2	
	S08966	Iridium, dichlorotris(dimethylphenylphosphine)(thiocyanato-S)-, (OC-6-13)- (9CI)	15604-96-3	
	S08967	Ytterbium fluoride	13760-80-0	
	S08968	Barium europium strontium silicate ((Ba,Eu,Sr) ₂ (SiO ₄))	1003049-92-0	
	S08969	Niobium Thallium Trioxide	12396-77-9	
	S08970	Aluminum calcium europium nitrogen silicon oxide	1355228-63-5	
	S08971	2,2'-Oxybis(5,5-dimethyl-1,3,2-dioxaborinane)	55089-03-7	
	S08972	Lanthanum nitride	25764-10-7	
	S08973	Cerium nitride	25764-08-3	

Details of changes on BSL(49/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S08974	Columbite ((Fe0-1Mg0-1Mn0-1)(Nb0.5-1Ta0-0.5)2O6)	1306-08-7	“D” setting change (From CRM declaration request)
	S08975	Cerium lanthanum yttrium nitride silicide	1418209-79-6	
	S08976	Rare earth fluorides	68188-85-2	
	S08977	Yttrium zirconium oxide	64417-98-7	
	S08978	Siloxanes and Silicones, di-Me, hydroxy-terminated, polymers with boric acid	104780-67-8	
	S08979	1,3-Propanediamine – triethylborane (1:1)	148861-07-8	
	S08980	Iron boride (FeB)	12006-84-7	
	S08981	Aluminum magnesium carbonate hydroxide hydrate	12539-23-0	
	S08982	Phosphonic acid, strontium zinc salt (2:1:1)	202873-03-8	
	S08983	Iridium oxide (IrO2)	12030-49-8	
	S08984	Magnesium, bis(2-(hydroxy-kappaO)benzoato-kappaO)-, ar, ar'-di-C14-18-alkyl derivs.	171171-80-5	
	S08985	1-Ethyl-1-methylpyrrolidinium Tetrafluoroborate	117947-85-0	
	S08986	Rhodium, bis(acetonitrile)tetrakis[m-[methyl 2-(oxo-kO)-4-oxazolidinecarboxylato-kN3]]di-, (Rh-Rh), stereoisomer (9CI)	167693-36-9	
	S08987	Orthoboric acid, zinc salt	10361-94-1	
	S08988	Aluminum europium lithium nitrogen silicon oxide	1616092-02-4	
	S08989	1H,3H-Prrolo[12,-c][1,3,2]oxazaborole, tetrahydro-1-methyl-3,3-diphenyl-, (3aR)	112022-83-0	
	S08990	Lutetium Aluminum Oxide	1350827-55-2	
	S08991	Europium-doped (aluminum calcium strontium nitride silicide)	1272659-22-9	
	S08992	Cerium hydroxide	37382-23-3	
	S08993	Iridium(IV) oxide dihydrate	30980-84-8	
	S08994	Barium lanthanum titanium oxide	55072-55-4	
	S08995	Cerium zirconium oxide (CeZrO4)	53169-24-7	
	S08996	Magnesium aluminosilicate (MgAl2Si2O8) hydrate	71205-22-6	

Details of changes on BSL(50/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S08997	Zinc borate hydrate	12513-27-8	“D” setting change (From CRM declaration request)
	S08998	C14-18 alpha-olefin epoxide, reaction products with boric acid	–	
	S08999	Lithium Difluoro(oxalato)borate	409071-16-5	
	S09000	Lithium tetrahydroxyborate	12006-96-1	
	S09001	2-Propanamine, compd. with boron trifluoride, reaction products with Bu glycidyl ether	68478-97-7	
	S09002	2-((2-Hydroxyethyl)amino)ethyl dihydrogen orthoborate	68298-96-4	
	S09003	Manganese boride (MnB)	12045-15-7	
	S09004	Borate(1-), bis(1,2-benzenediolato(2-)-kappaO,kappaO')-, (T-4)-, hydrogen, compd. with N,N'-bis(2-methylphenyl)guanidine (1:1)	16971-82-7	
	S09005	Pyrrolidinium, 1,1-dimethyl-, tetrafluoroborate(1-)	69444-51-5	
	S09006	Cobalt, [29H,31H-phthalocyaninato(2-)-kN29,kN30,kN31,kN32]-, chloro derivs.	2376890-34-3	
	S09007	Lithium Nickel Cobalt Oxide	113066-89-0	
	S09008	Cobalt(2+) manganese(2+) nickel(2+) hydroxide (1:1:1:6)	189139-63-7	
	S09009	Aluminium lanthanum trioxide	12003-65-5	
	S09010	Iron lanthanum oxide	12063-54-6	
	S09011	Lanthanum fluoride	13709-38-1	
	S09012	Vanadium yttrium tetraoxide	13566-12-6	
	S09013	Indium manganese yttrium oxide	1239902-45-4	
	S09014	Aluminum Calcium Chloride Nitride Silicide, Europium-doped	1347656-34-1	
	S09015	Aluminum cerium yttrium oxide	163584-80-3	

Details of changes on BSL(51/51)

Ver.4.02a changes)

	ID[Substances]	Substance name	Substance code	Change Point
GADSL 2022 revision	S09016	Silicon(4+) dialuminium(3+) calcium magnesium(2+) heptaoxidandiide	–	“D” setting change (From CRM declaration request)
	S09017	Magnesium orthosilicate	10034–94–3	
	S09018	Phenol, polymer with formaldehyde, magnesium oxide complex	68611–24–5	
	S09019	Magnesium silicon oxide	155553–85–8	
	S09020	Niobium selenide (NbSe2)	12034–77–4	
	S09021	2,6-bis(4-carboxylato-2-pyridyl)pyridine-4-carboxylate, ruthenium(II), tetrabutylammonium, triisothiocyanate	359415–47–7	
	S01011	Crocidolite	132207–33–1	
	S02326	Trichlorofluoroethane	134237–34–6	
	S02327	1,1,2,2-Tetrachloro-1-fluoroethane	134237–32–4	
	S03180	Nickel carbonyl	12612–55–4	
	S03726	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	109945–70–2	
	S03727	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1201677–32–8	
	S03728	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	145538–74–5	