

DISCLAIMER

On April 1, 2019, the New Jersey Department of Environmental Protection (Department) proposed to amend Appendix A of the Discharge of Petroleum and Other Hazardous Substances (DPHS) rules, N.J.A.C. 7:1E, to add the acidic and anionic forms of perfluorooctanoic acid (PFOA), and perfluorooctane sulfonate (PFOS) and their respective CAS numbers to the list of hazardous substances (see 51 N.J.R. 437(a)). In addition to PFOA and PFOS, it was proposed that the list include the salts and esters of each of these contaminants. Finally, the Department proposed to add the anionic form of perfluorononanoic acid (PFNA) and a listing that includes that contaminant's salts and esters.

As indicated in the proposal, in order to assist owners and operators of major facilities who store PFNA, PFOA, and PFOS in identifying related salts and esters that must be reported to the Department in accordance with the DPHS rules, the Department has developed the following illustrative list of compounds identified as salts and esters of PFNA, PFOA, and PFOS. This list is not intended to be all-inclusive; regulated facilities must report all salts and esters of PFNA, PFOA, and PFOS regardless of whether they are included in the below list. The Department will update this list as it becomes aware of additional compounds.

SALTS AND ESTERS OF PFNA, PFOA, AND PFOS

The Department has developed an extensive list of perfluorononanoic acid (PFNA), perfluorooctanoic acid (PFOA), and perfluorooctane sulfonate (PFOS) acids, salts and esters, as well as mixtures that contain these compounds, that may be or have been used or stored commercially and industrially. This will allow parties to identify salts and esters of PFNA, PFOA, and PFOS that should be reported based on the Chemical Abstracts Service (CAS) numbers listed. The Department developed these lists using information from the Organization for Economic Co-operation and Development (OECD) “New Comprehensive Global Database of PFASs” List of Per- and Polyfluoroalkyl Substances (PFAS) (<http://www.oecd.org/chemicalsafety/risk-management/global-database-of-per-and-polyfluoroalkyl-substances.xlsx>) described in the OECD (2018) summary report posted at [http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=ENV-JM-MONO\(2018\)7&doclanguage=en](http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=ENV-JM-MONO(2018)7&doclanguage=en). As of August 2018, the OECD list was the most comprehensive list available publicly, with a total of 4,730 PFAS compounds and mixtures and their associated CAS numbers identified, and it has not been updated since that time. The process used to create the OECD list is documented in detail in the OECD (2018) summary report. The Department developed its lists of those compounds that pertain to these rule amendments (i.e., PFNA, PFOA, and PFOS acids, salts and esters, as well as mixtures that contain these compounds) by filtering the OECD list using appropriate criteria. The Department’s list includes those compounds and mixtures listed by OECD as having the Structure Category Name “perfluoroalkyl carboxylic acids (PFCAs), their salts and esters” that have a Perfluoroalkyl Chain Length of 7 (PFOA and mixtures containing it) or 8 (PFNA and mixtures containing it), or the Structure Category Name “perfluoroalkane sulfonic acids (PFSAs), their salts and esters” with Perfluoroalkyl Chain Length of 8 (PFOS and mixtures containing it).

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
375-95-1	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-	Nonanoic acid, heptafluoro-(8F,9F); 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Heptafluorononanoic acid; C 1800; Heptafluorononanoic acid; PFNA; Perfluorononanoic acid; Perfluoropelargonic acid	C ₉ H F ₁₇ O ₂		
4149-60-4	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-, ammonium salt (1:1)	Nonanoic acid, heptafluoro-, ammonium salt (8F,9F); Ammonium perfluorononanoate; Ammonium perfluoropelargonate	C ₉ H F ₁₇ O ₂ . H ₃ N		375-95-1
21049-39-8	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-, sodium salt (1:1)	Nonanoic acid, heptafluoro-, sodium salt (8F,9F); Sodium heptafluorononanoate; Sodium perfluorononanoate; Sodium perfluoropelargonate	C ₉ H F ₁₇ O ₂ . Na	107672-14-0	375-95-1
21049-38-7	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-, potassium salt (1:1)	Nonanoic acid, heptafluoro-, potassium salt (8F,9F); Potassium perfluorononanoate	C ₉ H F ₁₇ O ₂ . K		375-95-1

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77032-27-0	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1)	Nonanoic acid, heptadecafluoro-, compd. with N-ethylethanamine (1:1) (9CI); Ethanamine, N-ethyl-, heptadecafluorononanoate (9CI); Diethylammonium perfluorononanoate	C ₉ H F ₁₇ O ₂ . C ₄ H ₁₁ N		375-95-1
77032-24-7	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-methylmethanamine (1:1)	Nonanoic acid, heptadecafluoro-, compd. with N-methylmethanamine (1:1) (9CI); Methanamine, N-methyl-, heptadecafluorononanoate (9CI); Dimethylammonium perfluorononanoate	C ₉ H F ₁₇ O ₂ . C ₂ H ₇ N		375-95-1
77032-23-6	Nonanoic acid, heptadecafluoro-, compd. with methanamine (1:1) (9CI)	Methanamine, heptadecafluorononanoate (9CI); Methylammonium perfluorononanoate	C ₉ H F ₁₇ O ₂ . C H ₅ N		375-95-1
327176-80-7	Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI)	NSC 676910	C ₉ H F ₁₇ O ₂ . C ₆ H ₁₅ N		375-95-1
95682-66-9	Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI)	Piperidine, heptadecafluorononanoate (9CI)	C ₉ H F ₁₇ O ₂ . C ₅ H ₁₁ N		375-95-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
95682-67-0	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1)	Nonanoic acid, heptadecafluoro-, compd. with benzenamine (1:1) (9CI); Benzenamine, heptadecafluorononanoate (9CI)	C ₉ H F ₁₇ O ₂ . C ₆ H ₇ N		375-95-1
328531-06-2	Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI)		C ₉ H F ₁₇ O ₂ . C ₆ H ₁₃ N		375-95-1
51502-45-5	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, methyl ester	Nonanoic acid, heptadecafluoro-, methyl ester (9CI); Methyl perfluorononanoate	C ₁₀ H ₃ F ₁₇ O ₂		
30377-52-7	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, ethyl ester	Nonanoic acid, heptadecafluoro-, ethyl ester (8CI,9CI); Ethyl perfluorononanoate; Ethyl perfluoropelargonate	C ₁₁ H ₅ F ₁₇ O ₂		
99156-01-1	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, propyl ester	Nonanoic acid, heptadecafluoro-, propyl ester (9CI); Propyl perfluorononanoate	C ₁₂ H ₇ F ₁₇ O ₂		
117374-31-9	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, butyl ester	Nonanoic acid, heptadecafluoro-, butyl ester (9CI); Butyl perfluorononanoate	C ₁₃ H ₉ F ₁₇ O ₂		
70910-41-7	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, 1-methylethyl ester	Nonanoic acid, heptadecafluoro-, 1-methylethyl ester (9CI)	C ₁₂ H ₇ F ₁₇ O ₂		

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117374-33-1	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-, 2-propen-1-yl ester	Nonanoic acid, heptafluoro-, 2-propenyl ester (9CI); Allyl perfluorononanoate	C ₁₂ H ₅ F ₁₇ O ₂		
54640-64-1	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-, ethenyl ester	Nonanoic acid, heptafluoro-, ethenyl ester (9CI); Vinyl perfluorononanoate	C ₁₁ H ₃ F ₁₇ O ₂		
117374-32-0	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-, 3-methylbutyl ester	Nonanoic acid, heptafluoro-, 3-methylbutyl ester (9CI); 3-Methylbutyl perfluorononanoate	C ₁₄ H ₁₁ F ₁₇ O ₂		
92746-93-5	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-, 2-hydroxyethyl ester	Nonanoic acid, heptafluoro-, 2-hydroxyethyl ester (9CI)	C ₁₁ H ₅ F ₁₇ O ₃		
117374-38-6	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluoro-, phenylmethyl ester	Nonanoic acid, heptafluoro-, phenylmethyl ester (9CI); Benzyl perfluorononanoate	C ₁₆ H ₇ F ₁₇ O ₂		

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15899-31-7	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,8,8,8-tetrafluoro-7-(trifluoromethyl)	Octanoic acid, tetradecafluoro-7-(trifluoromethyl)- (8CI); 2,2,3,3,4,4,5,5,6,6,7,8,8,8-Tetrafluoro-7-(trifluoromethyl)octanoic acid; Perfluoro-6-methyl-1-heptanecarboxylic acid; Perfluoroisononanoic acid; i,p-PFNA	C ₉ H F ₁₇ O ₂		
3658-62-6	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,8,8,8-tetrafluoro-7-(trifluoromethyl)-, ammonium salt (1:1)	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,8,8,8-tetrafluoro-7-(trifluoromethyl)-, NH ₄ salt (7CI); Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,8,8,8-tetrafluoro-7-(trifluoromethyl)-, ammonium salt (9CI); Octanoic acid, tetradecafluoro-7-(trifluoromethyl)-, ammonium salt (8CI); Ammonium perfluoro(7-methyloctanoate)	C ₉ H F ₁₇ O ₂ . H ₃ N		15899-31-7

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335-67-1	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- pentadecafluoro-	Octanoic acid, pentadecafluoro- (8Cl,9Cl); 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- Pentadecafluorooctanoic acid; A 5717; EF 201; Eftop EF 201; NSC 95114; PFOA; Pentadecafluoro-n- octanoic acid; Pentadecafluorooctanoic acid; Perfluoro-1-heptanecarboxylic acid; Perfluorocaprylic acid; Perfluoroheptanecarboxylic acid; Perfluorooctanoic acid; n- Perfluorooctanoic acid	C8 H F15 O2	65618-66-8, 71244-15-0	
864071-08-9	Octanoic-1,2-13C2 acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- pentadecafluoro-	2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- Pentadecafluorooctanoic-1,2-13C2 acid	C8 H F15 O2		
864071-09-0	Octanoic-1-13C acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- pentadecafluoro- (9Cl)		C8 H F15 O2		

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335-95-5	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, sodium salt (1:1)	Octanoic acid, pentadecafluoro-, sodium salt (8CI,9CI); FF 61; Perfluorooctanoic acid sodium salt; SPFO; Sodium pentadecafluorooctanoate; Sodium perfluorocaprylate; Sodium perfluorooctanoate	C8 H F15 O2 . Na		335-67-1
2395-00-8	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, potassium salt (1:1)	Octanoic acid, pentadecafluoro-, potassium salt (8CI,9CI); Perfluorooctanoic acid potassium salt; Potassium perfluorocaprylate; Potassium perfluorooctanoate	C8 H F15 O2 . K		335-67-1
3825-26-1	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ammonium salt (1:1)	Octanoic acid, pentadecafluoro-, ammonium salt (8CI,9CI); Ammonium pentadecafluorooctanoate; Ammonium perfluorocaprylate; Ammonium perfluorooctanoate; CXR 1002; DS 101; FC 1015; FC 143; FX 1006; Fluorad FC 143; Pentadecafluorooctanoic acid ammonium salt; Perfluorooctanoic acid ammonium salt; Unidyne DS 101	C8 H F15 O2 . H3 N	77751-76-9, 95328-99-7	335-67-1

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335-93-3	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, silver(1+) salt (1:1)	Octanoic acid, pentadecafluoro-, silver(1+) salt (8CI,9CI); Silver perfluorooctanoate; Silver(I) perfluorooctanoate	C ₈ H F ₁₅ O ₂ . Ag		335-67-1
98241-25-9	Ethanaminium, N,N,N-triethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)	Ethanaminium, N,N,N-triethyl-, salt with pentadecafluorooctanoic acid (1:1) (9CI); Octanoic acid, pentadecafluoro-, ion(1-), N,N,N-triethylethanaminium (9CI); Tetraethylammonium perfluorooctanoate	C ₈ H ₂₀ N . C ₈ F ₁₅ O ₂		335-67-1
68141-02-6	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+) salt (3:1)	Octanoic acid, pentadecafluoro-, chromium(3+) salt (9CI)	C ₈ H F ₁₅ O ₂ . 1/3 Cr		335-67-1
927835-01-6	1-Octanaminium, N,N,N-trimethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)		C ₁₁ H ₂₆ N . C ₈ F ₁₅ O ₂		335-67-1
98065-31-7	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, potassium salt, hydrate (1:1:2)	Octanoic acid, pentadecafluoro-, potassium salt, dihydrate (9CI)	C ₈ H F ₁₅ O ₂ . 2 H ₂ O . K		335-67-1

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376-27-2	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, methyl ester	Octanoic acid, pentadecafluoro-, methyl ester (6Cl,7Cl,8Cl,9Cl); Methyl pentadecafluorooctanoate; Methyl perfluorooctanoate; P 1453; Perfluorooctanoic acid methyl ester	C ₉ H ₃ F ₁₅ O ₂		
3108-24-5	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ethyl ester	Octanoic acid, pentadecafluoro-, ethyl ester (6Cl,7Cl,8Cl,9Cl); Ethyl pentadecafluorooctanoate; Ethyl perfluorooctanoate	C ₁₀ H ₅ F ₁₅ O ₂	173441-60-6	
307-96-0	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, butyl ester	Octanoic acid, pentadecafluoro-, butyl ester (6Cl,8Cl,9Cl); Butyl perfluorocaprylate	C ₁₂ H ₉ F ₁₅ O ₂		
20120-44-9	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 2-propen-1-yl ester	Octanoic acid, pentadecafluoro-, 2-propenyl ester (9Cl); Octanoic acid, pentadecafluoro-, allyl ester (8Cl); Allyl perfluorooctanoate	C ₁₁ H ₅ F ₁₅ O ₂		
307-93-7	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ethenyl ester	Octanoic acid, pentadecafluoro-, ethenyl ester (9Cl); Octanoic acid, pentadecafluoro-, vinyl ester (8Cl); Vinyl perfluorooctanoate	C ₁₀ H ₃ F ₁₅ O ₂		

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33496-48-9	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 1,1'-anhydride	Octanoic acid, pentadecafluoro-, anhydride (8CI,9CI); Perfluorocaprylic acid anhydride; Perfluoroheptanoic anhydride; Perfluorooctanoic anhydride	C16 F30 O3		
230295-06-4	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, (4-ethenylphenyl)methyl ester	Octanoic acid, pentadecafluoro-, (4-ethenylphenyl)methyl ester (9CI); 4-Vinylbenzyl perfluorooctanoate	C17 H9 F15 O2		
123613-18-3	Cholestan-3-ol, 2,3,3,4,4,5,5,6,6,7,7,8,8,8-tetradecafluorooctanoate, (3 β ,5 α)-(9CI)		C35 H48 F14 O2		
15166-06-0	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-	Heptanoic acid, dodecafluoro-6-(trifluoromethyl)- (8CI); 2,2,3,3,4,4,5,5,6,7,7,7-Dodecafluoro-6-(trifluoromethyl)heptanoic acid	C8 H F15 O2		
45285-51-6	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ion(1-)	Octanoic acid, pentadecafluoro-, ion(1-) (9CI); Perfluorooctanoate; Perfluorooctanoic acid ion(1-)	C8 F15 O2		335-67-1

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68015-86-1	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,8,8,8-tetrafluoro-7-(trifluoromethyl), compd. with ethanamine (1:1)	Ethanamine, 2,2,3,3,4,4,5,5,6,6,7,8,8,8-tetrafluoro-7-(trifluoromethyl)octanoate (9CI)	C ₉ H F ₁₇ O ₂ . C ₂ H ₇ N		15899-31-7
90480-55-0	Octanoic acid, pentadecafluoro-, branched		Unspecified		335-67-1
90480-56-1	Octanoic acid, pentadecafluoro-, branched, ammonium salt		Unspecified		90480-55-0
90480-57-2	Octanoic acid, pentadecafluoro-, mixed esters with 2,2'-[1,4-butanediylbis(oxymethylene)]bis[oxirane] and 2,2'-[1,6-hexanediylbis(oxymethylene)]bis[oxirane]		C ₁₂ H ₂₂ O ₄ . C ₁₀ H ₁₈ O ₄ . C ₈ H F ₁₅ O ₂		335-67-1

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32609-65-7	Methanaminium, N,N,N-trimethyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)	Ammonium, tetramethyl-, salt with pentadecafluorooctanoic acid (1:1) (8CI); Methanaminium, N,N,N-trimethyl-, salt with pentadecafluorooctanoic acid (1:1) (9CI); Octanoic acid, pentadecafluoro-, ion(1-), N,N,N-trimethylmethanaminium (9CI); Perfluorooctanoic acid tetramethylammonium salt; Tetramethyl ammonium perfluorooctanoate; Tetramethylammonium pentadecafluorooctanate	C8 F15 O2 . C4 H12 N		45285-51-6
76199-70-7	Surflon S 113		Unspecified		
277749-00-5	1-Propanaminium, N,N,N-tripropyl-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate (1:1)	1-Propanaminium, N,N,N-tripropyl-, salt with pentadecafluorooctanoic acid (1:1) (9CI); Octanoic acid, pentadecafluoro-, ion(1-), N,N,N-tripropyl-1-propanaminium (9CI); Tetrapropylammonium perfluorooctanoate	C12 H28 N . C8 F15 O2		

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1812247-20-3	Hexanoic acid, 2,2,4,4,5,5,6,6,6-nonafluoro-3,3-bis(trifluoromethyl)-	2,2,4,4,5,5,6,6,6-Nonafluoro-3,3-bis(trifluoromethyl)hexanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
1882109-58-1	Butanoic acid, 3,3,4,4,4-pentafluoro-2,2-bis(1,1,2,2,2-pentafluoroethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-59-2	Butanoic acid, 3,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-2-(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-60-5	Butanoic acid, 2,3,3,4,4,4-hexafluoro-2-[2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethyl]-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-61-6	Butanoic acid, 2,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-62-7	Butanoic acid, 4,4,4-trifluoro-2,2,3,3-tetrakis(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-63-8	Pentanoic acid, 3,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1

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1882109-64-9	Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-65-0	Pentanoic acid, 2,3,3,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-66-1	Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-67-2	Pentanoic acid, 2,2,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-68-3	Pentanoic acid, 2,2,3,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-69-4	Pentanoic acid, 3,4,4,5,5,5-hexafluoro-2,2,3-tris(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-70-7	Pentanoic acid, 3,3,4,5,5,5-hexafluoro-2,2,4-tris(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
1882109-71-8	Pentanoic acid, 2,4,4,5,5,5-hexafluoro-2,3,3-tris(trifluoromethyl)-		C8 H F15 O2		335-67-1
1882109-72-9	Pentanoic acid, 2,3,4,5,5,5-hexafluoro-2,3,4-tris(trifluoromethyl)-		C8 H F15 O2		335-67-1
1882109-73-0	Pentanoic acid, 2,3,3,5,5,5-hexafluoro-2,4,4-tris(trifluoromethyl)-		C8 H F15 O2		335-67-1
1882109-74-1	Pentanoic acid, 2,2,4,5,5,5-hexafluoro-3,3,4-tris(trifluoromethyl)-		C8 H F15 O2		335-67-1
1882109-75-2	Pentanoic acid, 2,2,3,5,5,5-hexafluoro-3,4,4-tris(trifluoromethyl)-		C8 H F15 O2		335-67-1
1882109-76-3	Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-		C8 H F15 O2		335-67-1
1882109-77-4	Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-(1,1,2,2,3,3,3-heptafluoropropyl)-		C8 H F15 O2		335-67-1
1882109-78-5	Hexanoic acid, 2,2,3,4,4,5,5,6,6,6-decafluoro-3-(1,1,2,2,2-pentafluoroethyl)-		C8 H F15 O2		335-67-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
1882109-79-6	Hexanoic acid, 2,2,3,3,4,5,5,6,6,6-decafluoro-4-(1,1,2,2,2-pentafluoroethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-80-9	Hexanoic acid, 2,3,3,4,4,5,6,6,6-nonafluoro-2,5-bis(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
1882109-81-0	Hexanoic acid, 2,2,3,4,5,5,6,6,6-nonafluoro-3,4-bis(trifluoromethyl)-		C ₈ H F ₁₅ O ₂		335-67-1
13058-06-5	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-, ammonium salt (1:1)	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(pentafluoroethyl)-, ammonium salt (8CI)	C ₈ H F ₁₅ O ₂ . H ₃ N		
15715-47-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, aluminum salt (3:1)	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, aluminum salt (9CI)	C ₈ H F ₁₅ O ₂ . 1/3 Al		
15739-82-9	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, chromium salt (1:?)	Heptanoic acid, dodecafluoro-6-(trifluoromethyl)-, chromium salt (8CI)	C ₈ H F ₁₅ O ₂ . x Cr		

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
18017-22-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7- dodecafluoro-6-(trifluoromethyl)-, sodium salt (1:1)	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7- dodecafluoro-6-(trifluoromethyl)-, sodium salt (9CI); Heptanoic acid, dodecafluoro-6-(trifluoromethyl)-, sodium salt (8CI)	C ₈ H F ₁₅ O ₂ . Na		
19742-57-5	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7- dodecafluoro-6-(trifluoromethyl)-, ammonium salt (1:1)	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7- dodecafluoro-6-(trifluoromethyl)-, ammonium salt (9CI); Heptanoic acid, dodecafluoro-6- (trifluoromethyl)-, ammonium salt (8CI)	C ₈ H F ₁₅ O ₂ . H ₃ N		
29457-73-6	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7- dodecafluoro-6-(trifluoromethyl)-, potassium salt (1:1)	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7- dodecafluoro-6-(trifluoromethyl)-, potassium salt (9CI); Heptanoic acid, dodecafluoro-6- (trifluoromethyl)-, potassium salt (8CI)	C ₈ H F ₁₅ O ₂ . K		

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
35605-76-6	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(pentafluoroethyl)-(9CI); 2,3,3,4,4,5,5,6,6,6-Decafluoro-2-(1,1,2,2,2-pentafluoroethyl)hexanoic acid; Perfluoro-2-ethylhexanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
61436-04-2	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, iron salt (1:?)	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, iron salt (9CI)	C ₈ H F ₁₅ O ₂ . x Fe		
123116-17-6	Isooctanoic acid, pentadecafluoro-(9CI)		C ₈ H F ₁₅ O ₂	753436-52-1, 807306-91-8, 838818-83-0	335-67-1
207678-51-1	Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2-(trifluoromethyl)-	2,3,3,4,4,5,5,6,6,7,7,7-Dodecafluoro-2-(trifluoromethyl)heptanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
705240-04-6	Heptanoic acid, 2,2,3,4,4,5,5,6,6,7,7,7-dodecafluoro-3-(trifluoromethyl)-	2,2,3,4,4,5,5,6,6,7,7,7-Dodecafluoro-3-(trifluoromethyl)heptanoic acid; Perfluoro-3-methylheptanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
909009-42-3	Heptanoic acid, 2,2,3,3,4,4,5,6,6,7,7,7-dodecafluoro-5-(trifluoromethyl)-	2,2,3,3,4,4,5,6,6,7,7,7-Dodecafluoro-5-(trifluoromethyl)heptanoic acid; Perfluoro-5-methylheptanoic acid	C ₈ H F ₁₅ O ₂		335-67-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
1144512-18-4	Heptanoic acid, 2,2,3,3,4,5,5,6,6,7,7,7-dodecafluoro-4-(trifluoromethyl)-	2,2,3,3,4,5,5,6,6,7,7,7-Dodecafluoro-4-(trifluoromethyl)heptanoic acid; Pefluoro-4-methylheptanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
1144512-34-4	Hexanoic acid, 2,2,3,3,4,4,6,6,6-nonafluoro-5,5-bis(trifluoromethyl)-	2,2,3,3,4,4,6,6,6-Nonafluoro-5,5-bis(trifluoromethyl)hexanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
1144512-35-5	Hexanoic acid, 2,2,3,4,4,5,6,6,6-nonafluoro-3,5-bis(trifluoromethyl)-	2,2,3,4,4,5,6,6,6-Nonafluoro-3,5-bis(trifluoromethyl)hexanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
1144512-36-6	Hexanoic acid, 2,2,3,3,4,5,6,6,6-nonafluoro-4,5-bis(trifluoromethyl)-	2,2,3,3,4,5,6,6,6-Nonafluoro-4,5-bis(trifluoromethyl)hexanoic acid; Perfluoro-4,5-dimethylhexanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
1192593-79-5	Hexanoic acid, 2,2,3,3,5,5,6,6,6-nonafluoro-4,4-bis(trifluoromethyl)-	2,2,3,3,5,5,6,6,6-Nonafluoro-4,4-bis(trifluoromethyl)hexanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
1195164-59-0	Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-, sodium salt (1:1)		C ₈ H F ₁₅ O ₂ . Na		
1812247-17-8	Hexanoic acid, 3,3,4,4,5,5,6,6,6-nonafluoro-2,2-bis(trifluoromethyl)-	3,3,4,4,5,5,6,6,6-Nonafluoro-2,2-bis(trifluoromethyl)hexanoic acid	C ₈ H F ₁₅ O ₂		335-67-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
1812247-18-9	Hexanoic acid, 2,3,4,4,5,5,6,6,6-nonafluoro-2,3-bis(trifluoromethyl)-	2,3,4,4,5,5,6,6,6-Nonafluoro-2,3-bis(trifluoromethyl)hexanoic acid; Perfluoro-2,3-dimethylhexanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
1812247-19-0	Hexanoic acid, 2,3,3,4,5,5,6,6,6-nonafluoro-2,4-bis(trifluoromethyl)-	2,3,3,4,5,5,6,6,6-Nonafluoro-2,4-bis(trifluoromethyl)hexanoic acid; Perfluoro-2,4-dimethylhexanoic acid	C ₈ H F ₁₅ O ₂		335-67-1
76199-70-7	Surflon S 113		Unspecified		
886046-97-5	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	Octanoic acid, pentadecafluoro-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-, Heptafluoro-, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	C ₁₈ H ₄ F ₃₂ O ₂		402.03

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
0	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-	1-Octanesulfonic acid, heptafluoro- (6CI); 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Heptafluoro-1-octanesulfonic acid; 1-Perfluorooctanesulfonic acid; EF 101; Eftop EF 101; Heptafluoro-1-octanesulfonic acid; Heptafluorooctanesulfonic acid; Perfluoro-n-octanesulfonic acid; Perfluorooctanesulfonic acid; Perfluorooctylsulfonic acid	C8 H F17 O3 S	132324-11-9	

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
2795-39-3	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt (1:1)	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt (8CI,9CI); 1-Octanesulfonic acid, heptadecafluoro-, potassium salt (6CI); EF 102; Eftop EF 102; F 110; F 116; FC 95; Fluorad 95; Fluorad FC 95; Fluortensid FT 800; Heptadecafluorooctanesulfonic acid potassium salt; LE 003; Megafac F 110; Megafac F 116; Perfluorooctanesulfonic acid potassium salt; Potassium heptadecafluorooctane-1-sulfonate; Potassium heptadecafluorooctanesulfonate; Potassium perfluorooctanesulfonate; Potassium perfluorooctylsulfonate	C8 H F17 O3 S . K	59112-13-9, 62010-27-9, 69458-54-4, 111274-79-4, 117925-64-1	1763-23-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
4021-47-0	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, sodium salt (1:1)	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, sodium salt (8CI,9CI); Eftop EF 103; Sodium heptafluorooctanesulfonate; Sodium perfluoro-1-octanesulfonate; Sodium perfluorooctanesulfonate; Sodium perfluorooctylsulfonate	C ₈ H F ₁₇ O ₃ S . Na	122303-47-3	1763-23-1
29081-56-9	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, ammonium salt (1:1)	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, ammonium salt (8CI,9CI); Ammonium perfluorooctylsulfonate; EF 104; Eftop EF 104; FC 93; Fluorad FC 93; Perfluorooctanesulfonic acid, ammonium salt	C ₈ H F ₁₇ O ₃ S . H ₃ N	76560-29-7, 175895-38-2	1763-23-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
29457-72-5	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-, lithium salt (1:1)	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8- heptadecafluoro-, lithium salt (8Cl,9Cl); FT 208; Fluorad FC 94; Lithium (perfluorooctane)sulfonate; Lithium (perfluorooctyl)sulfonate; Lithium perfluoro-1- octanesulfonate; Perfluorooctanesulfonic acid lithium salt; Super-Arinosu-Korori	C ₈ H F ₁₇ O ₃ S . Li	314057-78-8	1763-23-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
56773-42-3	Ethanaminium, N,N,N-triethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-1-octanesulfonate (1:1)	Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-1-octanesulfonic acid (1:1) (9CI); 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, ion(1-), N,N,N-triethylethanaminium (9CI); Ankor F; Bayowet 248; Bayowet FT 248; Bayowet FT 448; FT 248; Fluortensid FT 248; Perfluorooctanesulfonic acid, tetraethylammonium salt; Tetraethylammonium heptafluorooctanesulfonate; Tetraethylammonium n-perfluorooctanesulfonate; Tetraethylammonium perfluoro-1-octanesulfonate; Tetraethylammonium perfluorooctanesulfonate; Tetraethylammonium perfluorooctylsulfonate	C8 H20 N . C8 F17 O3 S	83046-54-2, 406215-31-4, 854620-32-9	1763-23-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
111873-33-7	1-Butanaminium, N,N,N-tributyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1) (9CI); 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ion(1-), N,N,N-tributyl-1-butanaminium (9CI); Tetrabutylammonium heptadecafluorooctanesulfonate; Tetrabutylammonium perfluorooctanesulfonate	C16 H36 N . C8 F17 O3 S		1763-23-1
124472-68-0	1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	1-Butanaminium, N,N-dibutyl-N-methyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1) (9CI); 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ion(1-), N,N-dibutyl-N-methyl-1-butanaminium (9CI); Methyltributylammonium perfluorooctanesulfonate	C13 H30 N . C8 F17 O3 S		1763-23-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
70225-14-8	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)	Ethanol, 2,2'-iminobis-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (salt) (9CI)	C ₈ H F ₁₇ O ₃ S . C ₄ H ₁₁ N O ₂		1763-23-1
91036-71-4	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, magnesium salt (2:1)	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, magnesium salt (9CI)	C ₈ H F ₁₇ O ₃ S . 1/2 Mg		1763-23-1
927670-12-0	2-Octanesulfonic acid, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-	1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,8-Heptadecafluoro-2-octanesulfonic acid; Perfluoro-1-methylheptanesulfonic acid	C ₈ H F ₁₇ O ₃ S		
56773-56-9	1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	1-Pentanaminium, N,N,N-tripropyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1) (9CI); 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ion(1-), N,N,N-tripropyl-1-pentanaminium (9CI)	C ₁₄ H ₃₂ N . C ₈ F ₁₇ O ₃ S		1763-23-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
773895-92-4	1-Decanaminium, N,N,N-triethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	1-Decanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1) (9CI)	C16 H36 N . C8 F17 O3 S		1763-23-1
1379454-92-8	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ammonium salt, ion(1-) (1:1)		C8 F17 O3 S . H4 N		1763-23-1
57589-85-2	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, potassium salt (1:1)	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[[[(heptadecafluorooctyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, monopotassium salt (9CI)	C22 H6 Cl4 F17 N O6 S . K		57589-83-0
71463-74-6	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compd. with piperidine (1:1)	Piperidine, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (9CI); Piperidinium perfluorooctylsulfonate	C8 H F17 O3 S . C5 H11 N		1763-23-1

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
90480-49-2	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, branched, potassium salt		Unspecified		
93894-67-8	Isooctanesulfonic acid, heptafluoro-, lithium salt (9CI)		C ₈ H F ₁₇ O ₃ S . Li		708201-79-0
93894-68-9	Isooctanesulfonic acid, heptafluoro-, potassium salt (9CI)		C ₈ H F ₁₇ O ₃ S . K		708201-79-0
93894-73-6	Isooctanesulfonic acid, heptafluoro-, magnesium salt (9CI)		C ₈ H F ₁₇ O ₃ S . 1/2 Mg		708201-79-0
251099-16-8	1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-1-octanesulfonate (1:1)	1-Decanaminium, N-decyl-N,N-dimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-1-octanesulfonic acid (1:1) (9CI); 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, ion(1-), N-decyl-N,N-dimethyl-1-decanaminium (9CI)	C ₂₂ H ₄₈ N . C ₈ F ₁₇ O ₃ S		45298-90-6

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
40365-28-4	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,8,8,8-hexadecafluoro-7-(trifluoromethyl)-, potassium salt (1:1)	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,8,8,8-hexadecafluoro-7-(trifluoromethyl)-, potassium salt (9CI); Nonadecafluoro-7-methyloctanesulfonic acid, potassium salt; Potassium nonadecafluoro-7-methyloctane-1-sulfonate	C ₉ H F ₁₉ O ₃ S . K		71500-44-2
71500-44-2	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,8,8,8-hexadecafluoro-7-(trifluoromethyl)-	1,1,2,2,3,3,4,4,5,5,6,6,7,8,8,8-Hexadecafluoro-7-(trifluoromethyl)-1-octanesulfonic acid	C ₉ H F ₁₉ O ₃ S		
64202-77-3	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, monoamide with N,N'-bis(2-aminoethyl)-1,2-ethanediamine (9CI)		C ₁₄ H ₁₇ F ₁₇ N ₄ O ₂ S		1763-23-1
93894-70-3	Ethanaminium, N,N,N-triethyl-, salt with heptadecafluoroisooctanesulfonic acid (1:1) (9CI)	Isooctanesulfonic acid, heptadecafluoro-, ion(1-), N,N,N-triethylethanaminium (9CI)	C ₈ H ₂₀ N . C ₈ F ₁₇ O ₃ S		93894-69-0
108427-53-8	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ion(1-)	Perfluorohexanesulfonate	C ₆ F ₁₃ O ₃ S		

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
213740-80-8	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1) (9CI); 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ion(1-), bis[4-(1,1-dimethylethyl)phenyl]iodonium (9CI); BBI 110; Bis(4-tert-butylphenyl)iodonium perfluoro-1-octanesulfonate; Bis(4-tert-butylphenyl)iodonium perfluorooctanesulfonate; Bis(p-tert-butylphenyl)iodonium perfluorooctanesulfonate; Di(4-tert-butylphenyl)iodonium perfluoro-1-octanesulfonate; Di(4-tert-butylphenyl)iodonium perfluorooctanesulfonate; Di-4-tert-butyl diphenyliodonium perfluorooctanesulfonate	C20 H26 I . C8 F17 O3 S		45298-90-6

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
258341-99-0	Sulfonium, diphenyl(2,4,6-trimethylphenyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate (1:1)	Sulfonium, diphenyl(2,4,6-trimethylphenyl)-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1) (9CI); 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ion(1-), diphenyl(2,4,6-trimethylphenyl)sulfonium (9CI); 1F-PFOS	C21 H21 S . C8 F17 O3 S		45298-90-6

PERFLUOROCTANE SULFONATE (PFOS)

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
72623-77-9	Fatty acids, C6-18, perfluoro, ammonium salts		Unspecified		
886046-97-5	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	Octanoic acid, pentadecafluoro-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester (9CI); 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodecyl 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoate	C ₁₈ H ₄ F ₃₂ O ₂		402.03
68333-92-6	Fatty acids, C7-13, perfluoro		Unspecified	69278-79-1	
72968-38-8	Fatty acids, C7-13, perfluoro, ammonium salts	Perfluoro compounds, C7-13 fatty acid ammonium salts; S 111SWB	Unspecified		
69278-80-4	Fatty acids, C7-13, perfluoro, compds. with ethylamine		C ₂ H ₇ N . Unspecified		68333-92-6
91032-01-8	Fatty acids, C7-19, perfluoro		Unspecified		
212013-54-2	Fatty acids, C7-19, perfluoro, ammonium salts		Unspecified		
84932-01-4	Surflon S 111		Unspecified		
104075-34-5	Unidyne DS 102 (9CI)	DS 102	Unspecified		

PERFLUOROCTANE SULFONATE (PFOS)

CAS Number	Chemical Name	Synonyms	Molecular Formula	Previously used CAS Number	Related Chemicals
160305-97-5	Benzoic acid, 2,3,4,5-tetrachloro-6- [[[3-hydroxyphenyl)amino]carbonyl]-, perfluoro-C6-8-alkanesulfonates (esters), monopotassium salts		Unspecified		
93572-72-6	Sulfonic acids, C6-12-alkane, perfluoro		Unspecified		
68391-09-3	Sulfonic acids, C6-12-alkane, perfluoro, potassium salts		Unspecified		