

Table 2-4. USEPA PFAS Methods and PFAS Classifications

This table belongs with the ITRC PFAS Tech Reg Document. The ITRC intends to update this table periodically as new information is gathered.

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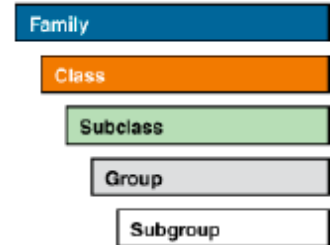
Analyte	Abbreviation	CASRN	Draft EPA Method 1633 (Aug 2021)	SW-846 Method 8327 (July 2021)	EPA Method 537.1 (Mar 2020)	EPA Method 533 (Dec 2019)	Class	Subclass	Group	Subgroup
11-Chloroeicosafuoro-3-oxaundecane-1- sulfonic acid (F-53B Minor)	11Cl- PF30UdS	763051-92-9	X		X	X	Nonpolymer	Polyfluoroalkyl Substances	Chloropolyfluoro-alkyl ether acid	Not applicable
9-Chlorohexadecafluoro-3-oxanonane-1- sulfonic acid (F-53B Major)	9Cl-PF3ONS	756426-58-1	X		X	X	Nonpolymer	Polyfluoroalkyl Substances	Chloropolyfluoro-alkyl ether acid	Not applicable
4,8-Dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4	X		X	X	Nonpolymer	Polyfluoroalkyl Substances	Polyfluoroalkyl ether acid	PFECA
3-Fluoropropyl propanoic acid	3:3 FTCA	356-02-5	X				Nonpolymer	Polyfluoroalkyl Substances	Fluorotelomer Substances	FTCA
2H, 2H, 3H, 3H-Perfluorooctanoic acid	5:3 FTCA	914637-49-3	X				Nonpolymer	Polyfluoroalkyl Substances	Fluorotelomer Substances	FTCA
3-Perfluoroheptyl propanoic acid	7:3 FTCA	812-70-4	X				Nonpolymer	Polyfluoroalkyl Substances	Fluorotelomer Substances	FTCA
Hexafluoropropylene oxide dimer acid (GenX)	HFPO-DA	13252-13-6	X		X	X	Nonpolymer	Perfluoroalkyl Substances	Perfluoroalkyl ether acid	PFECA
Nonafluoro-3,6-dioxaheptanoic acid	NFDHA	151772-58-6	X			X	Nonpolymer	Perfluoroalkyl Substances	Perfluoroalkyl ether acid	PFECA
Perfluorobutanoic acid	PFBA	375-22-4	X	X		X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
Perfluorobutanesulfonic acid	PFBS	375-73-5	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFSA
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	8:2FTS	39108-34-4	X	X		X	Nonpolymer	Polyfluoroalkyl Substances	Fluorotelomer Substances	FTSA

Analyte	Abbreviation	CASRN	Draft EPA Method 1633 (Aug 2021)	SW-846 Method 8327 (July 2021)	EPA Method 537.1 (Mar 2020)	EPA Method 533 (Dec 2019)	Class	Subclass	Group	Subgroup
Perfluorodecanesulfonic acid	PFDS	335-77-3	X	X			Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFSA
Perfluorodecanoic acid	PFDA	335-76-2	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
Perfluorododecanesulfonic acid	PFDoS	79780-39-5	X				Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFSA
Perfluorododecanoic acid	PFDoA	307-55-1	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
Perfluoro(2-ethoxyethane)sulfonic acid	PFEESA	113507-82-7	X			X	Nonpolymer	Perfluoroalkyl Substances	Perfluoroalkyl ether acid	PFESA
Perfluoroheptanesulfonic acid	PFHpS	375-92-8	X	X		X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFSA
Perfluoroheptanoic acid	PFHpA	375-85-9	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	4:2FTS	757124-72-4	X	X		X	Nonpolymer	Polyfluoroalkyl Substances	Fluorotelomer Substances	FTSA
Perfluorohexanesulfonic acid	PFHxS	355-46-4	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFSA
Perfluorohexanoic acid	PFHxA	307-24-4	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
Perfluoro-3-methoxypropanoic acid	PFMPA	377-73-1	X			X	Nonpolymer	Perfluoroalkyl Substances	Perfluoroalkyl ether acid	PFECA
Perfluoro-4-methoxybutanoic acid	PFMBA	863090-89-5	X			X	Nonpolymer	Perfluoroalkyl Substances	Perfluoroalkyl ether acid	PFECA
Perfluorononanesulfonic acid	PFNS	68259-12-1	X	X			Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFSA
Perfluorononanoic acid	PFNA	375-95-1	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	6:2FTS	27619-97-2	X	X		X	Nonpolymer	Polyfluoroalkyl Substances	Fluorotelomer Substances	FTSA

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Perfluorooctanesulfonamide	PFOSA	754-91-6	X	X			Nonpolymer	Perfluoroalkyl Substances	Perfluoroalkane Sulfonamides	Not applicable
Perfluorooctanesulfonic acid	PFOS	1763-23-1	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFSA
Perfluorooctanoic acid	PFOA	335-67-1	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
Perfluoropentanoic acid	PFPeA	2706-90-3	X	X		X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
Perfluoropentanesulfonic acid	PFPeS	2706-91-4	X	X		X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFSA
Perfluoroundecanoic acid	PFUnA	2058-94-8	X	X	X	X	Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
N-ethylperfluorooctanesulfonamide	NEtFOSA	4151-50-2	X				Nonpolymer	Polyfluoroalkyl Substances	Perfluoroalkane sulfonamido substances	EtFASA
N-ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	2991-50-6	X	X	X		Nonpolymer	Polyfluoroalkyl Substances	Perfluoroalkane sulfonamido substances	EtFASAA
N-ethylperfluorooctanesulfonamido ethanol	NEtFOSE	1691-99-2	X				Nonpolymer	Polyfluoroalkyl Substances	Perfluoroalkane sulfonamido substances	EtFASE
N-methylperfluorooctanesulfonamide	NMeFOSA	31506-32-8	X				Nonpolymer	Polyfluoroalkyl Substances	Perfluoroalkane sulfonamido substances	MeFASA
N-methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	2355-31-9	X	X	X		Nonpolymer	Polyfluoroalkyl Substances	Perfluoroalkane sulfonamido substances	MeFASAA
N-methylperfluorooctanesulfonamido ethanol	NMeFOSE	24448-09-7	X				Nonpolymer	Polyfluoroalkyl Substances	Perfluoroalkane sulfonamido substances	MeFASE
Perfluorotetradecanoic acid	PFTA	376-06-7	X	X	X		Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA
Perfluorotridecanoic acid	PFTTrDA	72629-94-8	X	X	X		Nonpolymer	Perfluoroalkyl Substances	PFAAs	PFCA

Note: Compound names and acronyms are based on the analytical methods used to prepare the table.

Family Hierarchy Legend



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