



Acronyms

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| ADONA | trade name for 4,8-dioxa-3H-perfluorononanoate |
| AFFF | aqueous film forming foam |
| APFO | ammonium perfluorooctanoate |
| ARAR | applicable or relevant and appropriate requirement |
| BAF | bioaccumulation factor |
| BCF | bioconcentration factor |
| BSAF | biota-sediment accumulation factor |
| BuFASA | <i>N</i> -Butyl perfluoroalkane sulfonamide |
| BuFASE | <i>N</i> -Butyl perfluoroalkane sulfonamido ethanols |
| BuFASAA | <i>N</i> -Butyl perfluoroalkane sulfonamido acetic acid |
| CAA | Clean Air Act |
| CAP | chemical action plan |
| CAS | Chemical Abstract Service |
| CNT | carbon nanotubes |
| CWA | Clean Water Act |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CFR | Code of Federal Regulations |
| CMC | critical micelle concentrations |
| CSM | conceptual site model |
| EAO | Emergency Administrative Order |
| ECF | electrochemical fluorination |
| EtFASA | <i>N</i> -Ethyl perfluoroalkane sulfonamide |
| EtFASE | <i>N</i> -Ethyl perfluoroalkane sulfonamido ethanol (var: <i>N</i> -Ethyl perfluoroalkane sulfonamide ethanol) |
| EtFASAA | <i>N</i> -Ethyl perfluoroalkane sulfonamido acetic acid (var: <i>N</i> -Ethyl perfluoroalkane sulfonamide acetic acid) |
| EtFOSA | <i>N</i> -Ethyl perfluorooctane sulfonamide |
| EtFOSE | <i>N</i> -Ethyl perfluorooctane sulfonamido ethanol (var: <i>N</i> -Ethyl perfluorooctane sulfonamide ethanol) |
| FASA | perfluoroalkane sulfonamide |
| FASE | Perfluoroalkane sulfonamido ethanol (var: perfluoroalkane sulfonamide ethanol) |
| FASAA | Perfluoroalkane sulfonamido acetic acid (var: perfluoroalkane sulfonamide acetic acid) |
| FFFP | film-forming fluoroprotein foam |
| FOSA, or PFOSA | perfluorooctane sulfonamide |
| FOSAA | perfluorooctane sulfonamido acetic acid (var: perfluorooctane sulfonamide acetic acid) |
| FOSE | perfluorooctane sulfonamido ethanol (var: perfluorooctane sulfonamide ethanol) |
| FP | fluoroprotein |

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| FTA | fire training area |
| FTCA | fluorotelomer carboxylic acid |
| FTOH | fluorotelomer alcohol |
| FTSA or FTS | fluorotelomer sulfonate, fluorotelomer sulfonic acid |
| GAC | granular activated carbon |
| GenX | trade name for ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate |
| IARC | International Agency for Research on Cancer |
| ITRC | Interstate Technology and Regulatory Council |
| IX | ion exchange |
| LHA | Lifetime Health Advisory |
| LNAPL | light non-aqueous phase liquids |
| MCL | Maximum Contaminant Level |
| MeFASA | <i>N</i> -Methyl perfluoroalkane sulfonamide |
| MeFASAA | <i>N</i> -Methyl perfluoroalkane sulfonamido acetic acid (var: <i>N</i> -methyl perfluoroalkane sulfonamide acetic acid) |
| MeFASE | <i>N</i> -Methyl perfluoroalkane sulfonamido ethanol (var: <i>N</i> -methyl perfluoroalkane sulfonamide ethanol) |
| MeFOSA | <i>N</i> -Methyl perfluorooctane sulfonamide |
| MF | microfiltration |
| MSW | municipal solid waste |
| MWCO | molecular weight cut-off |
| OECD | Organisation for Economic Co-operation and Development |
| NCOD | National Contaminant Occurrence Database |
| NOM | natural organic matter |
| NF | nanofiltration |
| NTP | National Toxicology Program |
| PAC | powdered activated carbon |
| PASF | perfluoroalkane sulfonyl fluoride |
| PBT | persistent, bioaccumulative, and toxic |
| PFAA | perfluoroalkyl acid |
| PFAS | per- and polyfluoroalkyl substances |
| PFBA | perfluorobutanoate, perfluorobutanoic acid, perfluorobutyrate, perfluorobutyric acid |
| PFBS | perfluorobutane sulfonate, perfluorobutane sulfonic acid |
| PFC | perfluorinated compound or perfluorochemical |
| PFCA | perfluoroalkyl carboxylate, perfluoroalkyl carboxylic acid |
| PFDA | perfluorodecanoate, perfluorodecanoic acid |
| PFDoA, or PFDoDA | perfluorododecanoate, perfluorododecanoic acid |
| PFDoS, or PFDoDS | perfluorododecane sulfonate, perfluorododecane sulfonic acid |
| PFDS | perfluorodecane sulfonate, perfluorodecane sulfonic acid |
| PFHpA | perfluoroheptanoate, perfluoroheptanoic acid |

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| PFHpS | perfluoroheptane sulfonate, perfluoroheptane sulfonic acid |
| PFHxA | perfluorohexanoate, perfluorohexanoic acid |
| PFHxS | perfluorohexane sulfonate, perfluorohexane sulfonic acid |
| PFNA | perfluorononanoate, perfluorononanoic acid |
| PFNS | perfluorononane sulfonate, perfluorononane sulfonic acid |
| PFOA | perfluorooctanoate, perfluorooctanoic acid |
| PFOS | perfluorooctane sulfonate, perfluorooctane sulfonic acid |
| PFOSA, or FOSA | perfluorooctane sulfonamide |
| PFOSE | perfluoroalkylsulfonamidoethanol |
| PFPA | perfluorophosphonic acid |
| PFPeA | perfluoropentanoate, perfluoropentanoic acid |
| PFPeS | perfluoropentane sulfonate, perfluoropentane sulfonic acid |
| PFPiA | perfluorophosphinic acid |
| PFSA | perfluoroalkyl sulfonate, perfluoroalkane sulfonic acid |
| PFTeDA, or PFTA | Perfluorotetradecanoic acid |
| PFTrDA, or PFTriA | Perfluorotridecanoic acid |
| PFUnA, or PFUnDA | perfluoroundecanoate, perfluoroundecanoic acid |
| PFUnS, or PFUnDS | perfluoroundecane sulfonate, perfluoroundecane sulfonic acid |
| POP | persistent organic pollutant |
| POE | point of exposure |
| POU | point of use |
| ppb | parts per billion |
| ppm | parts per million |
| ppt | parts per trillion |
| PTFE | polytetrafluoroethylene |
| PWS | public water system |
| RBEL | Risk-based Exposure Limit |
| RCRA | Resource Conservation and Recovery Act |
| RML | Removal Management Level |
| RO | reverse osmosis |
| RSL | Regional Screening Level |
| SDWA | Safe Drinking Water Act |
| SERDP | Strategic Environmental Research and Development Program |
| SNUR | Significant New Use Rule |
| SPLP | Synthetic Precipitation Leaching Procedure |
| TBC | To-Be-Considered values |
| TCLP | Toxicity Characteristic Leaching Procedure |
| TOP | Total Oxidizable Precursor |
| TRRP | Texas Risk Reduction Program |

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| TSCA | Toxic Substances and Control Act |
| UCMR | Unregulated Contaminant Monitoring Rule |
| UF | ultrafiltration |
| U.S.C. | United States Code |
| USEPA | United States Environmental Protection Agency |
| USDOD | United States Department of Defense |
| WWTP | Wastewater treatment plant |
| ZVI | Zero-valent iron |