

Acronym

4:2 FTSA

8:2 FTSA

C6/C10 PFPiA

C6/C8 PFPiA

µg

4:2 CI-PFESA

6:2 CI-PFESA

6:2 diPAP

6:2 FTOH

6:2 FTSA

8:2 CI-PFESA

8:2 diPAP

8:2 FTOH

8:2 FTSA

ADME

ADONA

AEC

AFFF

AIX

ALT

AR

ASBT

BAC

BAF

BCF

BIONIC

BMF

BMI

br-PFOS

BSA

BUN

BW

C6/C12 PFPiA

C6/C6 PFPiA

C6/C8 PFPiA

C8/C10 PFPiA

C8/C8 PFPiA

CAR

CASRN

CEN

CFCs

ChG

CHO

CI

CLP

CI-PFAES

CMR

COD

CSS

CTD
CYP19
d
DHT
DMEL
DMSO
DMW
DNEL
DOC
dpf
DPW
dw
E2
EA
EbC50
EC50
ECF
ECOS
ED
ED-RIA
EEA-NH4
EFSA
EFSA CONTAM
ELISA
ER
ErC50
EtFASAs
EtFOSA
EtFOSAA
EU
F- gases
F0
F-53B
FASAs
FC-807
F-DIOX
FEP
fEPSP
FOB
FOSA
FSH
GAC
GAC filter
GenX
GHG
GLP
GSI
GWP
HCFCs
HEK293

HFCs
HFEs
HFOs
HFPO
HFPO-DA
HFPO-TA
HFPO-TeA
HI
HOTf
hpf
HPG
HPT
HSI
IARC
IC50
IPCC
 K_d
kg
KPFBS
LBD
LC
LC50
LDL
LH
lin-PFOS
LOAEL
LOD
 $\log D_{BSAw}$
 $\log D_{mpw}$
 $\log D_{mw}$
 $\log D_{ow}$
LOQ
LRTP
LTP
MAC Directive
MDL
MeFASAs
Me-FBSA
MeFOSAA
MEK
mg
MoA
Move3
mRNA
Mv31
mv31 K+
n:2 FTOHs
n:2 FTSAs
n:2 PAPs
ng

NILU
NOAEL
NOEC
NTCP
OAT
OATPs
OBS
Oct-1
OECD
OECD/UNEP GloI
PAC filter
PACF
PAPs
PASFs
PBSF
PBT
PBTK
PCTFE
PEVE
PFA
PFAIs
PFAS
PFBA
PFBPA
PFBS
PFCAs
PFCs
PFDA
PFdiCA
PFdiSA
PFDoDA
PFDPA
PFDS
PFE alkanes
PFEAs
PFECAs
PFECHS
PFEE
PFEPa
PFESA
PFESAs
PFEtS
PFHpA
PFHpDA
PFHpS
PFHxA
PFHxDA
PFHxPA
PFHxS
PFME

PFMPA
PFNA
PFO4DA
PFO5DoDA
PFOA
PFOcDA
PFODA
PFOPA
PFOS
PFOSA
PFOSI
PFPA_s
PFPeA
PFPeDA
PFPeS
PFPI_{As}
PFPPA
PFPrA
PFPrS
PFSAs
PFSIA
PFSI_{As}
PFTeDA
PFTrDA
PFUnDA
PFAAs
PMVE
PolyFEAAs
PolyFAAs
POP
POSE
Pov
PPAR
PPVE
PTFE
PVDF
PXR
QSAR
RAC
RCF
RMMs
SAmPAP
SC
SEAC
SFAs
SOD
STP
SVHC
T3
T4

TBG
TF
TFA
TFMS
TfOH
TFSA
TH
TMF
TNF- α
TSH
TTR
TWI
US EPA
vPvB
VTG
ww
WWTP

Explanation

4:2 fluorotelomer sulfonic acid
8:2 fluorotelomer sulfonic acid
Perfluorohexylperfluorodecyl phosphinic acid
Perfluorohexylperfluorooctyl phosphinate
Microgram
4:2 Cl-polyfluorinated ether sulfonate
6:2 chlorinated polyfluorinated ether sulfonate
6:2 fluorotelomer phosphate diester
6:2 fluorotelomer alcohol
6:2 fluorotelomer sulfonic acid
8:2 Cl-polyfluorinated ether sulfonate
Bis[2-(perfluorooctyl)ethyl] phosphate
8:2 fluorotelomer alcohol
8:2 fluorotelomer sulfonic acid
Absorption, distribution, metabolism, and excretion
Ammonium 4,8-dioxa-3H-perfluorononanoate, 3H-perfluoro-3-[(3-methoxy-propoxy)propanoic acid]
Anion Exchange Capacity
Aqueous Film-Forming Foam
Anion Exchange
Serum alanine transferase
Androgen Receptor
Apical Sodium-Dependent Bile Salt Transporter
Biological activated carbon
Bioaccumulation Factor
Bioconcentration Factor
Bioconcentration model for Ionogenic Organic Compounds
Biomagnification Factor
Bodymass Index
Branched PFOS
Bovine Serum Albumine
Blood Urea Nitrogen
Body Weight
C6/C12 Perfluorophosphinic acids
C6/C6 Perfluorophosphinic acids
C6/C8 Perfluorophosphinic acids
C8/C10 Perfluorophosphinic acids
C8/C8 Perfluorophosphinic acids
Constitutive Androstane Receptor
Chemical Abstracts Service Registry Number
Chicken Embryonic Neuronal
Ozone depleting chlorofluorocarbons
Choriogenin
Chinese Hamster Ovary
Confidence Interval
Classification, Labelling and Packaging
Chlorinated Polyfluorinated Ether Sulfonate
Carcinogenic, mutagenic or toxic for reproduction
Chemical Oxygen Demand
Chemicals Strategy for Sustainability

Characteristic Travel Distance
Cytochrome P-19
Days Post Fertilization
5 Alpha-Androstan-17-Beta-Ol-3-One
Derived minimal effect level
Dimethylsulphoxide
Distribution ratios for membrane–water
Detected No-Effect Level
Dissolved Organic Carbon
Days Post Fertilization
Distribution ratios for protein–water
Dry Weight
Estrogen/17-Beta-Estradiol
Endocrine Activity
Effect Concentration Algal Biomass
Effect Concentration
Electrochemical fluorination
The Environmental Coalition on Standards
Endocrine Disruption
Direct Equilibrium Dialysis Followed By Radioimmunoassay
Ammonium difluoro[1,1,2,2-tetrafluoro-2-(pentafluoroethoxy)ethoxy]acetate
European Food Safety Authority
European Food Safety Authority- Panel on Contaminants in the Food Chain
Enzyme-Linked Immunosorbent Assay
Estrogen Receptor
Effect Concentration Algal Growth
N-ethyl perfluoroalkane sulfonamides
N-ethyl perfluorooctane sulfonamide
N-ethyl perfluorooctane sulfonamidoacetic acid
European Union
Fluorinated gases
Parental Generation
6:2 Cl-polyfluorinated ether sulfonate (6:2 Cl-PFESA)
Perfluoroalkane sulfonamides
Ammonium bis[2-[N-ethyl (heptadecafluorooctane)
Ammonium difluoro{[2,2,4,5-tetrafluoro-5-(trifluoromethoxy)-1,3-dioxolan-4-yl]oxy}acetate
Fluorinated ethylene propylene
Field Excitatory Postsynaptic Potential
Functional Observational Battery
Perfluorooctane sulfonamide
Follicle Stimulating Hormone
Granular Activated Carbon
Granular activated carbon filter
see HFPO-DA, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid
Greenhouse Gas
Good Laboratory Practice
Gonadosomatic Index
Global Warming Potential
Hydrochlorofluorocarbons
Human Embryonic Kidney 293

Hydrofluorocarbons
Hydrofluoroethers
Hydrofluoroolefins
Trifluoro(trifluoromethyl)oxirane; Hexafluoro-1,2-epoxypropane; 2,2,3-Trifluoro-3-(trifluoromethyl)oxirane
Hexafluoropropylene oxide dimer acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid, FRD-903, G
Hexafluoropropylene oxide trimer acid, 2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)p
Hexafluoropropylene oxide tetramer acid
Hazard Index
Trifluoromethanesulfonic acid
Hours Post Fertilization
Hypothalamus-Pituitary-Gonad
Hypothalamus-Pituitary-Thyroid
Hepatosomatic Index
The International Agency for Research on Cancer
Inhibitory Concentration
Intergovernmental Panel on Climate Change
sediment/water distribution coefficients
Kilogram
Potassium Perfluorobutane Sulfonate
Ligand Binding Domain
Long-chain
Lethal Concentration
Low-density-lipoprotein
Luteinizing Hormone
Linear PFOS
Lowest Observed Adverse Effect Level
Limit Of Detection
Base-10 logarithm of albumin–water distribution coefficients
Base-10 logarithm of protein–water distribution coefficients
Base-10 logarithm of of membrane–water distribution coefficients
Base-10 logarithm of octanol–water distribution coefficients
Limit Of Quantification
Long-Range Transport Potential
Long-Term Potentiation
Mobile Air-Conditioning Directive
Method Detection Limit
N-methyl perfluoroalkane sulfonamides
N-metylperfluorobutane Sulfonamide
N-methyl perfluorooctane sulfonamidoacetic acid
MAPK/ERK Kinase
Milligram
Mode of Action
1-[difluoro(trifluoromethoxy)methoxy]-1,2,2-trifluoroethylene
Messenger-RNA
1,1,2,2,3,3-hexafluoro-1-trifluoromethoxy-3-trifluorovinylxypropane
Potassium 2-(3-trifluoromethoxy-1,1,2,2,3,3-hexafluoropropoxy)-2,3,3,3-tetrafluoropropionate
n:2 fluorotelomer alcohols
n:2 fluorotelomer sulfonic acids
n:2 polyfluoroalkyl phosphoric acid esters (PAPs)
Nanogram

Norwegian Institute for Air Research
No Observed Adverse Effect Level
No Observed Effect Concentration
Na⁺/Taurocholate Cotransporting Polypeptide
Organic anion transporters
Organic Anion Transporting Polypeptides
p-perfluorous nonenoxybenzenesulfonate
Octamer Motif-Binding Factor 1
Organisation for Economic Co operation and Development
Organisation for Economic Co-operation and Development / United Nations Environment Programme Global F
Powdered activated carbon filter
Perfluoroalkanoyl fluoride
Polyfluoroalkyl Phosphate Esters
Perfluoroalkane sulfonyl fluorides
Perfluorobutane Sulfonyl Fluoride
Persistent, bioaccumulative and toxic
Physiologically based toxicokinetic
Polychlorotrifluoroethylene
1,1,2-Trifluoro-2-(pentafluoroethoxy)ethene
Perfluoroalkoxyl polymer
Perfluoroalkyl iodides
Per- and Polyfluoroalkyl Substance
Perfluorobutanoic acid
Perfluorobutyl-phosphonic acid; (Nonafluorobutyl)phosphonic acid
Perfluorobutane Sulfonic acid
Perfluoroalkyl Carboxylic acid
Polyfluorocarbons
Perfluorodecanoic acid
perfluoroalkyl dicarboxylic acid
perfluoroalkane disulfonic acid
Perfluorododecanoic acid
perfluorodecylphosphonic acid
perfluorodecane sulfonic acid
Perfluoroether alkanes
perfluoroether acids
Perfluoroalkylether carboxylic acids
perfluoro-4-(ethyl)cyclohexanesulfonate
Perfluorodiethyl ether; Perfluoroethyl ether; 1,1,1,2,2-Pentafluoro-2-(pentafluoroethoxy)ethane
Pentafluoroethyl-phosphonic acid; Perfluoroethyl phosponic acid; (Pentafluoroethyl)-phosphonic acid
Polyfluorinated ether sulfonate, perfluoroalkylether sulfonic acid
Perfluoroalkyl ether sulfonic acids
pefluoroethane sulfonic acid
perfluoroheptanoic acid
Perfluroheptadecanoic acid
perfluoroheptane sulfonic acid
Perfluorohexanoic acid
perfluorohexadecanoic acid;
perfluorohexylphosphonic acid
Perfluorohexane sulfonic acid
Perfluorodimethyl ether; Perfluoromethyl ether; Trifluoro(trifluoromethoxy)methane;

Trifluoromethyl-phosphic acid; Perfluoromethyl posphonic acid; (Trifluoromethyl)-phosphonic acid
Perfluorononanoic acid
Perfluoro-3,5,7,9-butaoadecanoic acid
Perfluoro-3,5,7,9,11-pentaoadodecanoic acid
Perfluorooctanoic acid
Perfluorooctadecanoic acid
Perfluorooctadecanoic acid
PerfluorooctylPhosPhonic acid
Perfluorooctane sulfonic acid
Perfluorooctane sulfonamide
Perfluorooctane sulfinic acid
Perfluoroalkylphosphonic acids
Perfluoropentanoic
Perfluoropentadecanoic acid
Perfluoropentane sulfonic acid
Perfluorophosphinic acids
Perfluoropentyl-phosphonic acid; (Undecafluoropentyl)lphosphonic acid
Perfluoropropanoic acid
Perfluoropropane sulfonic acid
Perfluoroalkane sulfonic acids
Perfluoroalkane sulfinic acid
Perfluoroalkane sulfinic acids
Perfluorotetradecanoic acid
Perfluorotridecanoic acid
Perfluoroundecanoic acid
Perfluoroalkyl acids
1,1,2-Trifluoro-2-(trifluoromethoxy)ethene
Polyfluoroalkylalkylether acids
Polyfluoroalkyl acids
Persistent Organic Pollutants
Perfluorooctanesulfonyl fluoride
Overall environmental persistence
Peroxisome Proliferator-Activated Receptor
1,1,1,2,2,3,3-heptafluoro-3-[(trifluorovinyl)oxy]propane perfluoropropylvinylether
Polytetrafluoroethylene
Polyvinylidene fluoride
Pregnane X-receptor
Quantitative Structure-Activity Relationship
Risk Assessment Committee
Root Concentration Factor
Risk Management Measures
Bis(2-{ethyl[(perfluorooctyl)sulfonyl]amino}ethyl) hydrogen phosphate
Short-chain, Shorter chain
Committee for Socio-economic Analysis
Semifluorinated alkanes
Superoxide Dismutase
Sewage Treatment Plant
Substances of Very High Concern
Triiodothyronine
Thyroxine

Thyroxine-Binding Globuline

Transfer Factor

Trifluoroacetic acid

Trifluoromethanesulfonic acid

Trifluoromethanesulfonic acid

Trifluoromethanesulfonic acid

Tyrosine Hydroxylase

Trophic Magnification Factor

Tumor Necrosis Factor-A

Thyroid Stimulating Hormone

Transport Protein Transthyretin

Tolerable Weekly Intake

U.S. Environmental Protection Agency

Very persistent and very bioaccumulative

Vitellogenin

Wet Weight

Wastewater Treatment Plant