

List of Abbreviations

In this guide

[In this guide](#)

1. [Introduction, Background and Literature Search - PFAS/2023/05](#)
2. [In vitro thyroid toxicity studies and Endpoints investigated - PFAS/2023/05](#)
3. [Summary of results - PFAS/2023/05](#)
4. [Discussion - PFAS/2023/05](#)
5. [List of Abbreviations - PFAS/2023/05](#)
6. [References - PFAS/2023/05](#)
7. [PFAS/2023/05 Annex A Tables 2 to 13](#)
8. [PFAS/2023/05 Annex A Tables 14 to 24](#)
9. [PFAS/2023/05 Annex B](#)
10. [PFAS/2023/05 Annex C](#)

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6:2 FTOH 6:2 Fluorotelomer alcohol

6:2 FTUA 2H-Perfluoro-2-octenoic acid (6:2)

7H PFHpA 7H-Perfluoroheptanoic acid

8:2 FTOH 8:2 Fluorotelomer alcohol

10:2 FTOH 10:2 Fluorotelomer alcohol

AhR Aryl hydrocarbon receptor

AhR-REP	AhR-mediated relative potency
AhR-tact	AhR transactivity
C6O4	Perfluoro{acetic acid, 2-[(5-methoxy-1,3-dioxolan-4-yl)oxy]}, ammonium salt
C6 PFPA	Pentafluoropropionic anhydride
cAMP	Cyclic adenosine monophosphate
CAS	Chemical abstract service
COT	Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment
DMSO	Dimethyl sulfoxide
EFSA	European Food Safety Authority
EtOH	Ethyl alcohol
EU	European Union
F-53B	6:2 chlorinated polyfluorinated ether sulfonate
FOSA	Perfluorinated sulfonamide
FOSE	N-alkylperfluorooctane sulfonamidoethanols
FRTL	Fischer rat thyroid cell line

F-T4	Fluorescein-thyroxine
FTOH	Fluorotelomer alcohol
GL	Guideline
GLP	Good laboratory practice
HBGV	Health-based guidance value
HEK	Human Embryonic Kidney
IC50	Inhibitory concentration 50%
LDH	Lactate dehydrogenase
LOEC	Lowest observed effect concentration
L-PFDS	Perfluorodecane sulfonate
L-PFOSi	Perfluorooctane sulfinat
MC540	Merocyanine 540
MOEC	Maximum observed effect concentration
NA	Not applicable
ND	Not detected
N-EtFOSA	2-(N-ethylperfluoro-1-octane sulfonamido) ethanol

N-EtFOSE	2-(N-ethylperfluoro-1-octane sulfonamido) ethanol
NHT	Normal Human Thyroid
NIS	Sodium/iodide symporter
N-MeFOSA	N-methyl perfluorooctane sulfonamide
N-MeFOSE	2-(N-methylperfluoro-1-octane sulfonamido) ethanol
N,N-Me ₂ FOSA	N,N-dimethyl perfluorooctane sulfonamide
PFAS	Per- and polyfluoroalkyl substances
PFBA	Perfluorobutanoate / Perfluorobutanoic acid
PFBS	Perfluorobutane sulfonate / Perfluorobutane sulfonic acid
PFCs	Poly- and perfluorinated compounds
PFCA	Perfluoroalkyl carboxylic acids
PFDA	Perfluorodecanoate / Perfluorodecanoic acid
PFDoA	Perfluorododecanoic acid
PFHpA	Perfluoroheptanoate / Perfluoroheptanoic acid
PFHxA	Perfluorohexanoate / Perfluorohexanoic acid
PFHxDA	Perfluorohexadecanoic acid

PFHxS	Perfluorohexane sulfonate
PFNA	Perfluorononanoate / Perfluorononanoic acid
PFOA	Perfluorooctanoate / Perfluorooctanoic acid
PFOS	Perfluorooctane sulfonate / Perfluorooctane sulfonic acid
PFOSA	Perfluorooctane sulfonamide
PFOSi	Perfluorooctane sulfinic acid
PFPA	Perfluoroalkyl phosphonic acids
PFPeA	Perfluoropentanoate / Perfluoropentanoic acid
PFSA	Perfluorosulfonic acids
PFSIA	Perfluoroalkane sulfinic acid
PFTTrDA	Perfluorotridecanoate /Perfluorotridecanoic acid
PFTeDA	Perfluorotetradecanoate / Perfluorotetradecanoic acid
PFUnA	Perfluoroundecanoate / Perfluoroundecanoic acid
PPAR	Proliferator-activated receptor
RNA	Ribonucleic acid
ROS	Reactive oxygen species

RP	Relative potency
T3	Triiodothyronine
T4	Thyroxine
TBG	Thyroxine-binding globulin
TCDD	2,3,7,8 -Tetrachlorodibenzo-p-dioxin
TH	Thyroid hormone
TPO	Thyroperoxidase
TR	Thyroid hormone receptor
TSH	Thyroid stimulating hormone
TSH-R	Thyroid stimulating hormone receptor
TTR	Transthyretin (thyroid hormone transport protein)
US EPA	United States Environmental Protection Agency
WT	Wild type