

Candidate Chemicals in Priority Groups

Group 1 [in alphabetical order]

1,3-Butadiene
1-Decanesulfonic acid, 1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro, ammonium salt
Aldicarb
Benzo[a]pyrene
Dichlorvos (DDVP)
Diesel exhaust
Dimethoate
Ethylene dibromide
Fonofos
Formaldehyde
Isodrin
Mancozeb
Manganese
Methyl bromide
N-methyl perfluorooctanesulfonamidoacetate (M570)
Octabromodiphenyl ether (OBDE)
Oxamyl
Pentabromodiphenyl ether (PeBDE)-congeners include BDE 82, 116, and 119
Perfluorinated carboxylic acid metabolites of telomer alcohol or telomer acrylate (n = 3)
Perfluorobutane sulfonate (PFBS)
Perfluorooctanoic acid fluoride
Perfluorooctanoic acid (PFOA) ammonium salt *
PFOA ethyl ester
PFOA free acid
PFOA methyl ester
PFOA potassium salt *
PFOA silver salt *
PFOA sodium salt*
Perfluorooctane sulfonate (PFOS) ammonium salt*
PFOS diethanolamine salt*
PFOS lithium salt*
PFOS potassium salt*
Phorate
Phosmet
trans Fatty acids

* PFOA and PFOS measured as a consequence of exposure to any PFOA or PFOS salt.

Group 2 [in alphabetical order]

2,2',4,4'-Tetrachlorobiphenyl (PCB 47)
2,3,4,4',5-Pentachlorobiphenyl (PCB 114)
2',3,4,4',6-Pentachlorobiphenyl (PCB 123)
Acetaldehyde
Acrolein
Amitrole
Anthracene
Benzo[j,k]-fluorene
Bifenthrin
Butylate
(Carboxymethylamino) methylphosphonic acid (Glyphosate)
Chromium (speciated and total)
Diaminochlorotriazine
Lambda cyhalothrin
Methomyl
Mevinphos
Molinate
N-methyl-N-ethylnitrosamine
N-nitrosodibutylamine
N-nitrosodiethanolamine
N-nitrosodiethylamine
N-nitroso-dimethylamine (NDMA)
N-nitrosodiphenylamine
N-nitrosodipropylamine
Pebulate
Pendimethalin
Pentachloronitrobenzene
Perchlorate
Perfluorodecanesulfonate (PFDS) ammonium salt
Perfluorooctanesulfonamidoacetate (M556)
Propazine
Selenium (speciated and total)
Simazine
Thiram
Tin (speciated and total)
Triclosan
Trifluralin

Group 3 [in alphabetical order]

4,4'-Dichlorobiphenyl (PCB 15)
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (PCB 207)
2,2',3,3',4,4',6 -Heptachlorobiphenyl (PCB 171)
2,2',3,3',4,4',6,6' -Octachlorobiphenyl (PCB 197)
2,2',3,3',5,5'-Hexachlorobiphenyl (PCB 133)
2,2',3,4,4',5 -Hexachlorobiphenyl (PCB 137)
2,2',3,4,4',5,6' -Heptachlorobiphenyl (PCB 182)
2,2',3,4,4',5,6 -Heptachlorobiphenyl (PCB 191)
2,2',3,4,4',5,6,6' -Octachlorobiphenyl (PCB 204)
2,2',3,4,4',6,6' -Heptachlorobiphenyl (PCB 184)
2,2',3,4,4',6-Hexachlorobiphenyl (PCB 139)
2,2',3,4,4',6'-Hexachlorobiphenyl (PCB 140)
2,2',3,4,4'-Pentachlorobiphenyl (PCB 85)
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB 154)
2,2',4',4',6-Pentachlorobiphenyl (PCB 100)
2,3,3',4,4',5,5',6 -Octachlorobiphenyl (PCB 205)
2,3,3',4,4',5,6 -Heptachlorobiphenyl (PCB 190)
2,3,3',4',5,6' -Hexachlorobiphenyl (PCB 163)
2,3,3',5,5',6 -Hexachlorobiphenyl (PCB 165)
2,3,4,4',5,6 -Hexachlorobiphenyl (PCB 166)
2,3,4,4',5',6 -Hexachlorobiphenyl (PCB 168)
2,3,4,4',6-Pentachlorobiphenyl (PCB 119)
2,4,4',6-Tetrachlorobiphenyl (PCB 75)
3,3',5,5'-Tetrachlorobiphenyl (PCB 80)
3,4,4'-Trichlorobiphenyl (PCB 37)
Acephthene
Aluminum
Desethyl atrazine
Desisopropyl atrazine
Fenbuconazole
Methiocarb
Pentylphenol
PFOS-related compounds (n = 11; a heterogeneous group)
Radon

Group 4 [in alphabetical order]

Acenaphthylene
Benzo[g,h,i]pyrene
Butachlor
Desethyl S-atrazine
Desisopropyl S-atrazine
Fluoroalkyl ethers (n = 6)
Fluoroalkyl iodides (n = 3)
Formetanate
Gamma, omega-perfluoroalkyl alcohols (n = 3)
3-chloro-4(dichloromethyl)5-hydroxy-2(5H)furanone (MX)
Other phased-out PFCs related to PFOS chemistries (n = 13)
Perfluorinated carboxylic acid metabolites of telomer alcohol
or telomer acrylate (n = 3)
Perfluorinated chemicals not assigned to a structural class (n = 2)
Perfluorinated homologues of PFOS and PFOA (n = 2)
Perfluorinated quaternary ammonium chemicals (n = 2)
Perfluoroalkanes (n = 3)
Perfluoroalkyl acids and salts (n = 6)
Perfluoroalkyl alcohols (n = 4)
Perfluoroalkyl carboxylic acid fluorides (n = 2)
Perfluoroalkyl esters (n = 5)
Perfluoroalkyl iodides (n = 6)
Perfluoroalkyl sulfonamides (n = 10)
Perfluoroalkyl sulfonates (n = 75)
Perfluoroalkyl sulfonyl fluorides (n = 4)
Perfluoroglycol acid fluorides (n = 5)
Primicarb
Propiconazole
Propylparaben
Strontium
Tebuconazole
Thiodicarb
Triadimefon
Ziram

Group 5 [in alphabetical order]

1,2,4-Trizole
Acetamiprid
Acetochlor ethane sulfonic acid
Acetochlor oxanilic acid
Alachlor ethane sulfonic acid
Alachlor oxanilic acid
Butylparaben
Cerium
Copper
Dimethenamid
Dimethenamid ethane sulfonic acid
Dimethenamid oxanilic acid
Ethylparaben
Hexachlorocyclopentadiene (HCCPD)
Iron
Lanthanum
Imidacloprid
Imidazolinone herbicides (e.g., imazapyr, imazethapyr, imazaquin)
Methylparaben
Metolachlor ethane sulfonic acid
Metolachlor oxanilic acid
Myclobutanil
Nickel
Perfluorinated compounds that the U.S. Food and Drug Administration has approved
as indirect food additives (n = 16)
Perfluoroalkyl acids and salts (n = 2)
Scandium
Silver
Sulfonyl urea herbicides (e.g., nicosulfuron, chlorsulfuron, triasulfuron)
Tellurium
Thiamethoxam
Triazole actic acid
Triazole aniline
Vanadium