



[Canada.ca](#) › [Environment and natural resources](#) › [Pollution and waste management](#)
› [Management of toxic substances](#)

List of toxic substances managed under Canadian Environmental Protection Act

The List of Toxic Substances in Schedule 1 of the *Canadian Environmental Protection Act, 1999* (CEPA (Canadian Environmental Protection Act) 1999) includes substances that are considered to be toxic as defined in Section 64 of the Act. The Government of Canada has the authority to regulate and authorize other instruments to prevent or control the use and/or release of these substances. Substances are added to Schedule 1 of CEPA (Canadian Environmental Protection Act) 1999 by the Government of Canada based on the Ministers of Environment and Health's recommendation.

To reduce the impact of Schedule 1 substances on the environment and human health, Environment and Climate Change Canada and Health Canada are responsible for developing and implementing regulations or other instruments that will prevent or control their use and/or release.

- (4-Chlorophenyl)cyclopropylmethanone, O-[(4-nitrophenyl)methyl]oxime (NCC ether)
- 1,1,1-Trichloroethane
- 1,2-Dichloroethane
- 1,3-Butadiene
- 2,4,6-tri-tert-butylphenol
- 2-(2-Methoxyethoxy) ethanol (DEGME)
- 2-Butanone, oxime, which has the molecular formula C₄H₉NO
- 2-Butoxyethanol
- 2-Methoxy-1-propanol
- 2-Methoxyethanol (2-ME)
- 2-Methoxyethanol acetate (2-MEA)
- 2-Nitropropane
- 2-Nitrotoluene
- 3,3'-Dichlorobenzidine
- Acetaldehyde
- Acrolein
- Acrylamide
- Acrylonitrile
- Ammonia dissolved in water
- Asbestos

- BENPAT
- Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (BNST)
- Benzene
- Benzidine and benzidine dihydrochloride
- Benzyl chloride
- Bis(2-ethylhexyl)_phthalate
- Bis(chloromethyl) ether
- Bisphenol A
- Bromochlorodifluoromethane
- Bromochloromethane
- Bromofluorocarbons
- Bromotrifluoromethane
- Carbon dioxide (CO₂)
- Catechol
- Chlorinated wastewater effluents
- Chlorobiphenyls
- Chlorofluorocarbon
- Chlorinated Alkanes
- Chloromethyl methyl ether (CMME)

- Creosote-impregnated waste materials from creosote-contaminated sites
- D4
- DEHA
- Dibenzofuran
- Dibenzo-para-dioxin
- Dibromotetrafluoroethane
- Dichlorodiphenyltrichloroethane (DDT)
- Dichloromethane
- Diethyl sulfate
- Dimethyl sulfate
- Dodecachloropentacyclo [5.3.0.0^{2,6}.0^{3,9}.0^{4,8}] decane (Mirex)
- Effluents from pulp mills using bleaching
- Effluents from textile mills that use wet processing
- Epichlorohydrin
- Ethylene oxide
- Ethyloxirane
- Formaldehyde
- Four fluorotelomer-based substances assessed under the New Substances Program

- Fuel containing toxic substances that are dangerous goods within the meaning of section 2 of the *Transportation of Dangerous Goods Act, 1992*
- Gaseous ammonia
- Hexabromocyclododecane (HBCD)
- Hexachlorobenzene (HCB)
- Hexachlorobutadiene (HCBD)
- Hexavalent chromium compounds
- Hydrazine
- Hydrobromofluorocarbons
- Hydrochlorofluorocarbons
- Hydrofluorocarbons (HFCs)
- Hydroquinone
- Inorganic arsenic compounds
- Inorganic cadmium compounds
- Inorganic chloramines
- Inorganic fluorides
- Isoprene
- Lead
- Long-chain perfluorocarboxylic acids (LC-PFCAs), their salts and precursors
- MAPBAP Acetate

- Mercury
- Methane (CH₄)
- Methyl Bromide
- Methyl Eugenol
- Methyloxirane
- Michler's Ketone
- Microbeads
- Naphthalene
- n-Butyl glycidyl ether (n-BGE)
- Nitric oxide, which has the molecular formula NO
- Nitrogen dioxide, which has the molecular formula NO₂
- Nitrous oxide (N₂O)
- N-Nitrosodimethylamine (NDMA)
- Nonylphenol and its ethoxylates
- Oxidic, sulphidic, and soluble inorganic nickel compounds
- Ozone
- Particulate matter containing metals that is released in emissions from copper smelters or refineries, or from both
- Particulate matter containing metals that is released in emissions from zinc plants
- Pentachlorobenzene (QCB)

- Perfluorocarbons (PFCs)
- Perfluorooctanoic acid (PFOA), its salts and precursors
- Perfluorooctane sulfonate (PFOS), its salts and precursors
- Petroleum and refinery gases
- Phenol, 2,6-bis(1,1-dimethylethyl)-4-(1-methylpropyl)- (DTBSBP)
- Pigment red 3
- Pigment red 104
- Pigment yellow 34
- Polybrominated Biphenyls
- Polybrominated Diphenyl Ethers (PBDEs)
- Polychlorinated dibenzodioxins
- Polychlorinated Dibenzofurans
- Polychlorinated Naphthalenes (PCNs)
- Polychlorinated Terphenyls (PCTs)
- Polycyclic aromatic hydrocarbons
- Potassium bromate
- PREPOD
- Quinoline
- Refractory ceramic fibres
- Respirable particulate matter less than or equal to 10 microns
- Solvent Red 23

- Sulphur dioxide
- Sulphur hexafluoride (SF₆)
- Tetrabutyltin
- Tetrachlorobenzenes (TeCBs)
- Tetrachloroethylene
- Tetrachloromethane, Carbon Tetrachloride
- TGOPE
- Thiourea
- Toluene diisocyanates
- Tributyltetradecylphosphonium chloride
- Tributyltins (TBTs)
- Trichloroethylene
- Tris(2-chloroethyl)phosphate (TCEP)
- Vanadium Pentoxide
- Vinyl Chloride
- Volatile organic compounds that participate in atmospheric photochemical reactions

Substances recommended for addition to schedule 1 of CEPA (The Canadian Environmental Protection Act) 1999

- Road Salts

Actions under other legislation

- Releases of radionuclides from nuclear facilities (impacts on non-human species).

Date modified:

2023-04-18