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Second Priority Substances List (PSL2)

([PDF Version - 22 KB](#))

The second Priority Substances List (PSL2 (second Priority Substances List)) of the *Canadian Environmental Protection Act* (CEPA (Canadian Environmental Protection Act)) was published in December, 1995. The list, recommended by a Ministers' Expert Advisory Panel drawn from major stakeholder groups, contains 25 substances, including single chemicals as well as mixtures and effluents.

Environment Canada and Health Canada have completed ecological and human health risk assessments for the substances listed on PSL2 (second Priority Substances List). The Draft PSL2 (second Priority Substances List) Assessment Reports were made available for a 60-day public comment period. Following consideration of comments received, the Assessment Reports were revised as appropriate and published with final conclusions as to whether or not the substances are considered to be "toxic" as defined in CEPA 1999 (Canadian Environmental Protection Act, 1999). Summaries of the public comments and their responses are also available from the website for each substance.

Because of the considerable limitations of the available data on effects of two of the PSL2 (second Priority Substances List) substances (aluminum salts and ethylene glycol), a definitive conclusion of toxic or not toxic with respect to human health could not be reached. Therefore, assessments of these two substances have been suspended in order for Health Canada to collect data on toxicity to human health. State of the Science Reports for these substances have been completed.

Please click the following links below to obtain the related assessment information.

- [1,3-Butadiene](#)
- [2-Methoxy Ethanol, 2-Ethoxy Ethanol, 2-Butoxy Ethanol](#)
- [Acetaldehyde](#)
- [Acrolein](#)
- [Acrylonitrile](#)
- [Aluminum Chloride, Aluminum Nitrate, Aluminum Sulphate](#)
- [Ammonia in the Aquatic Environment](#)
- [Butylbenzylphthalate \(BBP\)](#)
- [Carbon Disulfide](#)
- [Chloroform](#)
- [Ethylene Glycol](#)
- [Ethylene Oxide](#)
- [Formaldehyde](#)
- [Hexachlorobutadiene \(HBCD\)](#)
- [Inorganic Chloramines](#)
- [N,N-Dimethylformamide \(DMF\)](#)
- [N-Nitrosodimethylamine \(NDMA\)](#)
- [Nonylphenol and its Ethoxylates \(NPE\)](#)
- [Phenol](#)

- Releases from Primary and Secondary Copper Smelters and Copper Refineries
 - Releases from Rrimary and Secondary Zinc Smelters and Zinc Refineries
 - Releases of Radionuclides from Nuclear Facilities (Effects on Non-human Species)
 - Respirable Particulate Matter Less than or Equal to 10 Microns (PM-10)
 - Road Salts
 - Textile Mill Effluents
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