

Users are advised to consult the Canadian Environmental Quality Guidelines introductory text, factsheet, and/or protocols for specific information and implementation guidance pertaining to each environmental quality guideline.

Heptachlor

Synonyms and/or acronyms: Heptachlor epoxide

Parameter 1: ORGANIC

Parameter 2: Pesticides

Parameter 3: Organochlorine compounds

Water Quality for the Protection of Aquatic Life

Freshwater

Concentration (µg/L)

0.01

No fact sheet created. For more information on this guideline, please refer to Canadian Water Quality Guidelines (CCREM 1987).

This guideline (originally published in Canadian Water Quality Guidelines [CCREM 1987 + Appendixes] in 1987 or 1991 [PCBs in marine waters]) is no longer recommended and the value is withdrawn. A water quality guideline is not recommended. Environmental exposure is predominantly via sediment, soil, and/or tissue, therefore, the reader is referred to the respective guidelines for these media.

This substance meets the criteria for track 1 substances under the national CCME Policy for the Management of Toxic Substances (PMTS) (i.e., persistent, bioaccumulative, primarily the result of human activity, and CEPA-toxic or equivalent), and should be subject to virtual elimination strategies. Guidelines can serve as action levels or interim management objectives towards virtual elimination.

Date

1987

Marine

Concentration (µg/L)

No data

Date

No data

Water Quality for the Protection of Agriculture

Irrigation

Concentration (µg/L)

No data

Date

No data

Livestock

Concentration (µg/L) 3

No fact sheet created. For more information on this guideline, please refer to Canadian Water Quality Guidelines (CCREM 1987).

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Date 1987

Sediment Quality for the Protection of Aquatic Life

Further documentation on these guidelines can be found in the Canadian Environment Quality Guidelines.

[Download Factsheet](#)

Freshwater

Concentration (µg/kg dry weight) - ISQG 0.6

Guideline	% ≤ ISQG	ISQG < % < PEL	ISQG % ≥ PEL
Heptachlor epoxide	3	12	67

Concentration (µg/kg dry weight) - PEL 2.74

Guideline	% ≤ ISQG	ISQG < % < PEL	ISQG % ≥ PEL
Heptachlor epoxide	3	12	67

Date 1998

Marine

Concentration (µg/kg dry weight) - ISQG 0.6

Provisional; adoption of freshwater ISQG

Concentration (µg/kg dry weight) - PEL 2.74

Provisional; adoption of freshwater PEL

Date 1998

Soil Quality for the Protection of Environmental and Human Health

Concentration (mg/kg dry weight) - Agricultural No data

Concentration (mg/kg dry weight) - Residential / parkland No data

Concentration (mg/kg dry weight) - Commercial No data

Concentration (mg/kg dry weight) - Industrial No data

Date No data

Tissue Residue Quality for the Protection of Wildlife Consumer of Aquatic Biota

Concentration (µg/kg diet wet weight) No data

Date

No data