

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.

Hexachlorobenzene

Parameter 1: ORGANIC

Parameter 2: Monocyclic aromatic compounds

Parameter 3: Chlorinated benzenes

Water Quality for the Protection of Aquatic Life

Freshwater

Concentration (µg/L)

Insufficient data

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Guidelines [CCREM 1987 + Appendixes] in 1987 or 1991 [PCBs in marine waters]) is no longer recommended and the value is withdrawn.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.

Substance has been re-evaluated since CCREM 1987 + Appendixes. Either a new guideline has been derived or insufficient data existed to derive a new guideline.

Date

1997

Marine

Concentration (µg/L)

Insufficient data

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

Substance has been re-evaluated since CCREM 1987 + Appendixes. Either a new guideline has been derived or insufficient data existed to derive a new guideline.

Date

1997

Water Quality for the Protection of Agriculture

Irrigation

Concentration (µg/L)	Insufficient data
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Substance has been re-evaluated since CCREM 1987 + Appendixes. Either a new guideline has been derived or insufficient data existed to derive a new guideline.

Date	1997
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Livestock

Concentration (µg/L)	0.52
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Interim guideline.

Substance has been re-evaluated since CCREM 1987 + Appendixes. Either a new guideline has been derived or insufficient data existed to derive a new guideline.

Date	1991
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Sediment Quality for the Protection of Aquatic Life

Freshwater

Concentration (µg/kg dry weight) - ISQG	No data
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Concentration (µg/kg dry weight) - PEL	No data
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Date	No data
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Marine

Concentration (µg/kg dry weight) - ISQG	No data
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Concentration (µg/kg dry weight) - PEL	No data
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Date	No data
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Soil Quality for the Protection of Environmental and Human Health

Concentration (mg/kg dry weight) - Agricultural	0.05
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Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental Health (SQG_E), which is less than the existing interim soil quality criterion (CCME, 1991) for this land use. Therefore the SQG_E becomes the soil quality guideline, which supersedes the interim soil quality criterion for this land use.

In-site specific situations where the size and/or location of commercial and industrial land uses may impact primary, secondary or tertiary consumers, the soil and food ingestion guideline is recommended as the Soil Quality Guideline for Environmental Health (SQG_E)

For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.

Concentration (mg/kg dry weight) - Residential / parkland	2
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Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental Health (SQG_E), which is less than the existing interim soil quality criterion (CCME, 1991) for this land use. Therefore the SQG_E becomes the soil quality guideline, which supersedes the interim

soil quality criterion for this land use.

In-site specific situations where the size and/or location of commercial and industrial land uses may impact primary, secondary or tertiary consumers, the soil and food ingestion guideline is recommended as the Soil Quality Guideline for Environmental Health (SQGE)

For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.

Concentration (mg/kg dry weight) - Commercial 10

Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental Health (SQGE), which is less than the existing interim soil quality criterion (CCME, 1991) for this land use. Therefore the SQGE becomes the soil quality guideline, which supersedes the interim soil quality criterion for this land use.

In-site specific situations where the size and/or location of commercial and industrial land uses may impact primary, secondary or tertiary consumers, the soil and food ingestion guideline is recommended as the Soil Quality Guideline for Environmental Health (SQGE)

For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.

Concentration (mg/kg dry weight) - Industrial 10

Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental Health (SQGE), which is less than the existing interim soil quality criterion (CCME, 1991) for this land use. Therefore the SQGE becomes the soil quality guideline, which supersedes the interim soil quality criterion for this land use.

In-site specific situations where the size and/or location of commercial and industrial land uses may impact primary, secondary or tertiary consumers, the soil and food ingestion guideline is recommended as the Soil Quality Guideline for Environmental Health (SQGE)

For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.

Date 1991

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

Concentration (µg/kg diet wet weight) No data

Date No data