

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.

## Trichloromethane

**Synonyms and/or acronyms:** Chloroform

**CASRN:** 67663

**Parameter 1:** ORGANIC

**Parameter 2:** Halogenated aliphatic compounds

**Parameter 3:** Halogenated methanes

### Water Quality for the Protection of Aquatic Life

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

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Factsheet](#)

#### Freshwater

Concentration (µg/L)	1.8
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Interim guideline.

Guideline value slightly modified from CCREM 1987 + Appendixes due to re-evaluation of the significant figures.

Date	1992
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#### Marine

Concentration (µg/L)	Insufficient data
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Date	1992
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### Water Quality for the Protection of Agriculture

#### Irrigation

Concentration (µg/L)	Insufficient data
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No fact sheet created. For more information on this guideline, please refer to Canadian Water Quality Guidelines (CCREM 1987).

Date	1992
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#### Livestock

Concentration (µg/L)	100
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No fact sheet created. For more information on this guideline, please refer to Canadian Water Quality Guidelines (CCREM 1987).

Date	1992
<b>Sediment Quality for the Protection of Aquatic Life</b>	
<b>Freshwater</b>	
Concentration (µg/kg dry weight) - ISQG	<i>No data</i>
Concentration (µg/kg dry weight) - PEL	<i>No data</i>
Date	<i>No data</i>
<b>Marine</b>	
Concentration (µg/kg dry weight) - ISQG	<i>No data</i>
Concentration (µg/kg dry weight) - PEL	<i>No data</i>
Date	<i>No data</i>
<b>Soil Quality for the Protection of Environmental and Human Health</b>	
Concentration (mg/kg dry weight) - Agricultural	0.1
<p>Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental health (SQG<sub>E</sub>), which is less than the existing interim soil quality criterion (ÇCME, 1991) for this land use. Therefore the SQG<sub>E</sub> becomes the soil quality guideline, which supersedes the interim soil quality criterion for this land use.</p> <p>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<sub>E</sub>)</p> <p>For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.</p>	
Concentration (mg/kg dry weight) - Residential / parkland	5
<p>Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental health (SQG<sub>E</sub>), which is less than the existing interim soil quality criterion (ÇCME, 1991) for this land use. Therefore the SQG<sub>E</sub> becomes the soil quality guideline, which supersedes the interim soil quality criterion for this land use.</p> <p>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<sub>E</sub>)</p> <p>For guidelines derived prior to 2004, differentiation between soil texture (coarse/fine) is not applicable.</p>	
Concentration (mg/kg dry weight) - Commercial	50
<p>Data are sufficient and adequate to calculate only a Soil Quality Guideline for Environmental health (SQG<sub>E</sub>), which is less than the existing interim soil quality criterion (ÇCME, 1991) for this land use. Therefore the SQG<sub>E</sub> becomes the soil quality guideline, which supersedes the interim</p>	

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

50

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 (CME, 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