

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.

1,1,2,2- Tetrachloroethene

Synonyms and/or acronyms: PCE (Tetrachloroethylene)

CASRN: 127184

Parameter 1: ORGANIC

Parameter 2: Halogenated aliphatic compounds

Parameter 3: Chlorinated ethenes

Water Quality for the Protection of Aquatic Life

Freshwater

Concentration (µg/L)	110
----------------------	-----

Interim guideline.

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

Date	1993
------	------

Marine

Concentration (µg/L)	Insufficient data
----------------------	-------------------

Date	1993
------	------

Water Quality for the Protection of Agriculture

Irrigation

Concentration (µg/L)	Insufficient data
----------------------	-------------------

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

Date	1993
------	------

Livestock

Concentration (µg/L)	Insufficient data
----------------------	-------------------

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

Date	1993
------	------

Sediment Quality for the Protection of Aquatic Life

Sediment Quality for the Protection of Aquatic Life

Freshwater

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

Marine

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

Soil Quality for the Protection of Environmental and Human Health

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

[Download Factsheet](#)

Concentration (mg/kg dry weight) - Agricultural	0.1
---	-----

Aliphatic chlorinated hydrocarbons include chloroform dichloroethane (1,1- 1,2-), dichloroethene (1,1- 1,2-) dichloromethane 1,2-dichloropropane, 1,2-dichloropropene (cis and trans) 1,1,2,2-tetrachlorethane carbon tetrachloride trichloroethane (1,1,1- 1,1,2-)

Concentration (mg/kg dry weight) - Residential / parkland	0.2
---	-----

Aliphatic chlorinated hydrocarbons include chloroform dichloroethane (1,1- 1,2-), dichloroethene (1,1- 1,2-) dichloromethane 1,2-dichloropropane, 1,2-dichloropropene (cis and trans) 1,1,2,2-tetrachlorethane carbon tetrachloride trichloroethane (1,1,1- 1,1,2-)

Concentration (mg/kg dry weight) - Commercial	0.5
---	-----

Aliphatic chlorinated hydrocarbons include chloroform dichloroethane (1,1- 1,2-), dichloroethene (1,1- 1,2-) dichloromethane 1,2-dichloropropane, 1,2-dichloropropene (cis and trans) 1,1,2,2-tetrachlorethane carbon tetrachloride trichloroethane (1,1,1- 1,1,2-)

Concentration (mg/kg dry weight) - Industrial	0.6
---	-----

Aliphatic chlorinated hydrocarbons include chloroform dichloroethane (1,1- 1,2-), dichloroethene (1,1- 1,2-) dichloromethane 1,2-dichloropropane, 1,2-dichloropropene (cis and trans) 1,1,2,2-tetrachlorethane carbon tetrachloride trichloroethane (1,1,1- 1,1,2-)

Date	1997
------	------

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

Concentration (µg/kg diet wet weight)	No data
Date	No data