

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.

## Hexachlorocyclohexane

**Synonyms and/or acronyms:** Lindane

**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).

The concentration refers to the total of all isomers

|      |      |
|------|------|
| 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) | 4 |
|----------------------|---|

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

The concentration refers to the gamma isomer only.

|      |      |
|------|------|
| 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 0.94

| Guideline | % ≤ ISQG | ISQG < % < PEL | ISQG % ≥ PEL |
|-----------|----------|----------------|--------------|
| Lindane   | 0        | 50             | 49           |

Concentration (µg/kg dry weight) - PEL 1.38

| Guideline | % ≤ ISQG | ISQG < % < PEL | ISQG % ≥ PEL |
|-----------|----------|----------------|--------------|
| Lindane   | 0        | 50             | 49           |

Date 1998

## Marine

Concentration (µg/kg dry weight) - ISQG 0.32

| Guideline                       | % ≤ ISQG | ISQG < % < PEL | ISQG % ≥ PEL |
|---------------------------------|----------|----------------|--------------|
| Lindane (Hexachlorocyclohexane) | 3        | 21             | 26           |

Concentration (µg/kg dry weight) - PEL 0.99

| Guideline                       | % ≤ ISQG | ISQG < % < PEL | ISQG % ≥ PEL |
|---------------------------------|----------|----------------|--------------|
| Lindane (Hexachlorocyclohexane) | 3        | 21             | 26           |

Date 1998

## Soil Quality for the Protection of Environmental and Human Health

Concentration (mg/kg dry weight) - Agricultural 0.01

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 1991

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

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

Date *No data*