

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.

## Methyl tertiary-butyl ether

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**Synonyms and/or acronyms:** MTBE

**CASRN:** 1634044

**Parameter 1:** ORGANIC

**Parameter 2:** Non-halogenated aliphatic compounds

**Parameter 3:** Aliphatic ether

### Water Quality for the Protection of Aquatic Life

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

[Download  
Factsheet](#)

#### Freshwater

|                      |        |
|----------------------|--------|
| Concentration (µg/L) | 10 000 |
| Interim guideline.   |        |
| Date                 | 2003   |

#### Marine

|                      |       |
|----------------------|-------|
| Concentration (µg/L) | 5 000 |
| Interim guideline.   |       |
| Date                 | 2003  |

### Water Quality for the Protection of Agriculture

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#### Irrigation

|                      |                |
|----------------------|----------------|
| Concentration (µg/L) | <i>No data</i> |
| Date                 | <i>No data</i> |

#### Livestock

|                      |                |
|----------------------|----------------|
| Concentration (µg/L) | <i>No data</i> |
| Date                 | <i>No data</i> |

### Sediment Quality for the Protection of Aquatic Life

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#### Freshwater

|   |                |
|---|----------------|
| Concentration (µg/kg dry weight) - ISQG | <i>No data</i> |
|---|----------------|

|   |                |
|---|----------------|
| Concentration ( $\mu\text{g}/\text{kg}$ dry weight) - PEL | <i>No data</i> |
| Date  | <i>No data</i> |

**Marine**

|  |                |
|--|----------------|
| Concentration ( $\mu\text{g}/\text{kg}$ dry weight) - ISQG | <i>No data</i> |
| Concentration ( $\mu\text{g}/\text{kg}$ dry weight) - PEL  | <i>No data</i> |
| Date   | <i>No data</i> |

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

|  |                |
|--|----------------|
| Concentration ( $\text{mg}/\text{kg}$ dry weight) - Agricultural           | <i>No data</i> |
| Concentration ( $\text{mg}/\text{kg}$ dry weight) - Residential / parkland | <i>No data</i> |
| Concentration ( $\text{mg}/\text{kg}$ dry weight) - Commercial             | <i>No data</i> |
| Concentration ( $\text{mg}/\text{kg}$ dry weight) - Industrial             | <i>No data</i> |
| Date   | <i>No data</i> |

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

|  |                |
|--|----------------|
| Concentration ( $\mu\text{g}/\text{kg}$ diet wet weight) | <i>No data</i> |
| Date   | <i>No data</i> |