



[Home](#) | [Library](#) | [Chemicals](#) | [Methyl Bromide](#)



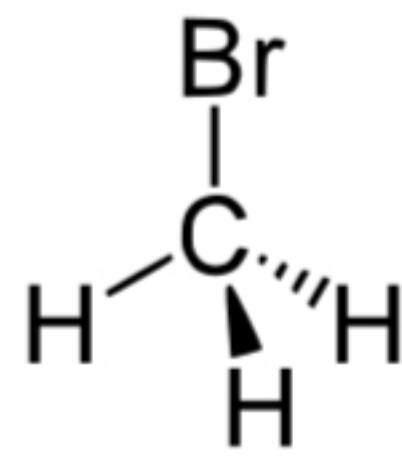
Methyl Bromide

CAS Number

74-83-9

Synonym

AI3-01916; Bercema; Tri-Brom; Bromomethane; Brom-O-Sol; Caswell No. 555; Curafume; EDCO; Embafume; Brom-O-Gas methyl bromide soil fumigant; Haltox; Iscobrome; Kayafume; MB; MBC Soil Fumigant; MBX; MEBR; Metabrom; Meth-O-Gas; Methogas; Superior methyl bromide-2; Methyl fume; Monobromomethane; Pestmaster; Rotox; Terabol; Terr-O-Gas; Zytex



Occurrence/Use

Methylating agent; solvent to extract oil from seeds and wool. Formerly used as fumigant and soil sterilant until it was phased out of use in the US in 2005, pursuant to the Montreal Protocol.

Cancer Potency Information

Latest Criteria: Proposition 65 NSRLs/MADLs

Air

Acute RELs

| | |
|---|--|
| Acute REL (µg/m3): | 3900 |
| Species: | Human |
| Acute REL Toxicologic Endpoint: | Anorexia, nausea, headache, respiratory irritation; reproductive/ development (decreased fertility and delayed skull ossification in rats) |
| Acute REL Target Organs: | Central nervous system; respiratory system; reproductive/developmental |
| Last Acute REL Revision: | 1999 |
| Acute Reference Exposure Levels Comments: | OEHHA 2008. Technical Supporting Document for Noncancer RELs, Appendix D2. |

Chronic REL

| | |
|---|---|
| Chronic Inhalation REL (µg/m3): | 5 |
| Chronic Target Organs: | Respiratory system; nervous system; development |
| Human Data: | No |
| Last Chronic REL Revision: | 2000 |
| Chronic Reference Exposure Levels Comments: | OEHHA 2008. Technical Supporting Document for Noncancer RELs, Appendix D3 |

Proposition 65

Chemical Status

Reproductive Toxicity: Currently listed

Reproductive Toxicity

| | | |
|------------------------|---------------------------|------------------------|
| Developmental Toxicity | Listed as causing: | Developmental Toxicity |
| | Date of Listing: | 01/01/1993 |
| | Basis for Listing: | Formally Required |
| | | |

Safe Harbor Levels

| | |
|---|------------|
| Reproductive Toxicity | |
| Maximum Allowable Dose Level (MADL) - Inhalation: | 810 µg/day |
| Last NSRL/MADL Revision: | 2004 |

Documents, Presentations, and Publications

Reproductive Toxicity: [Maximum Allowable Dose Level for Methyl Bromide as a Structural Fumigant](#)
Jun 1, 2004

Public notices related to this chemical:

- [Notice of Amendments to Text of Regulations, Title 22, California Code of Regulations, Sections 12705 and 12805](#)
- [Notice of Proposed Rulemaking, Title 22, California Code of Regulations, Proposed Amendment To Section 12705 and Section 12805](#)