

# Material Safety Data Sheet (MSDS) - Methyl Tert Butyl Ether



Company Name: Loki Industries

## 1. Identification:

- Chemical Name: Methyl Tert Butyl Ether
- CAS Number: 1634-04-4
- Synonyms: MTBE, Tert-Butyl Methyl Ether
- Uses: Fuel additive, solvent, intermediate in chemical synthesis

## 2. Hazard Identification:

- Hazard Class: Flammable Liquid (Category 2)
- Health Hazards: May cause respiratory irritation, dizziness, and nausea
- Precautionary Measures: Keep away from heat, sparks, and flames; use in a well-ventilated area

## 3. Composition/Information on Ingredients:

- Chemical Formula:  $C_5H_{12}O$
- Concentration: 100%

## 4. First-Aid Measures:

- Inhalation: Move to fresh air; seek medical attention if symptoms persist
- Skin Contact: Wash with soap and water
- Eye Contact: Rinse cautiously with water for several minutes
- Ingestion: Do not induce vomiting; seek medical help

## 5. Fire-Fighting Measures:

- Extinguishing Media: Foam, dry chemical,  $CO_2$
- Hazards: Vapors may form explosive mixtures with air
- Protection: Wear self-contained breathing apparatus (SCBA)

## 6. Accidental Release Measures:

- Personal Protection: Wear gloves, goggles, and protective clothing
- Spill Response: Absorb with inert material; ventilate area

## 7. Handling and Storage:

- Handling: Use in well-ventilated areas; avoid prolonged exposure.
- Storage: Keep in a cool, dry place in a tightly closed container.

## Contact Information:

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