

Material Safety Data Sheet (MSDS)

Frambinon Methyl Ether

Revision Date: 30-October-2025

Version: 1.0

Section 1: Product Identification

- **Product Name:** Frambinon Methyl Ether
- **Chemical Formula:** C₁₀H₁₂O₂
- **CAS No:** NA
- **Synonyms:** Raspberry Ketone Methyl Ether, p-Methoxybenzyl acetone
- **Recommended Use:** Used in fragrance formulations for fruity, raspberry-like aromas.

Section 2: Hazards Identification

- **Classification (GHS):** Skin Irritant (Category 2), Eye Irritant (Category 2A)
- **Signal Word:** Warning
- **Hazard Statements:**

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- Causes skin irritation.
- Causes serious eye irritation.
- **Precautionary Statements:**
 - Avoid contact with skin and eyes.
 - Wear protective gloves, clothing, and eye protection.
 - Wash hands thoroughly after handling.

Section 3: Composition / Information on Ingredients

- **Substance:** Frambinon Methyl Ether
- **Purity:** $\geq 95\%$
- **Impurities:** None known to significantly affect classification.

Section 4: First Aid Measures

- **Inhalation:** Move person to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing.
- **Eye Contact:** Rinse cautiously with water for several minutes. Seek medical attention if irritation persists.
- **Ingestion:** Rinse mouth. Do not induce vomiting. Seek immediate medical attention.

Section 5: Fire-Fighting Measures

- **Suitable Extinguishing Media:** Carbon dioxide, dry chemical, foam, or water spray.
- **Specific Hazards:** Emits carbon oxides under fire conditions.
- **Protective Equipment:** Use self-contained breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

- **Personal Precautions:** Avoid inhalation and skin contact. Use suitable PPE.
- **Environmental Precautions:** Prevent entry into drains or waterways.
- **Cleanup Methods:** Absorb with inert material (sand, vermiculite) and dispose of properly.

Section 7: Handling and Storage

- **Handling:** Use with adequate ventilation. Avoid inhalation and contact with skin and eyes.
- **Storage:** Store tightly closed in a cool, dry, well-ventilated area away from strong oxidizers.

Section 8: Exposure Controls / Personal Protection

- **Occupational Exposure Limits:** No established limits.
- **Engineering Controls:** Provide adequate local exhaust ventilation.
- **PPE:** Protective gloves, chemical goggles, lab coat, and respirator if exposure risk exists.

Section 9: Physical and Chemical Properties

- **Appearance:** Colorless to pale yellow liquid
- **Odor:** Fruity, raspberry-like odor
- **Boiling Point:** 250 °C
- **Flash Point:** 93.3 °C (closed cup)
- **Solubility:** Slightly soluble in water; soluble in organic solvents
- **Molecular Weight:** 178.23 g/mol

Section 10: Stability and Reactivity

- **Stability:** Stable under normal conditions.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** Carbon oxides under fire conditions.

Section 11: Toxicological Information

- **Routes of Exposure:** Inhalation, ingestion, skin, and eye contact.
- **Acute Toxicity:** Low acute toxicity.
- **Irritation:** Causes skin and eye irritation.
- **Sensitization:** Not expected to cause sensitization.
- **Chronic Effects:** Prolonged exposure may cause dermatitis.

Section 12: Ecological Information

- **Ecotoxicity:** Not classified as environmentally hazardous.
- **Persistence and Degradability:** Expected to be biodegradable.
- **Bioaccumulative Potential:** Low.
- **Mobility in Soil:** Low mobility in soil due to low solubility.

Section 13: Disposal Considerations

- Dispose of contents and containers in accordance with local, regional, and national regulations.

Section 14: Transport Information

- **UN Number:** Not regulated
- **Proper Shipping Name:** Frambinon Methyl Ether
- **Transport Hazard Class:** Not classified as dangerous goods
- **Packing Group:** Not applicable

Section 15: Regulatory Information

- Complies with Indian and international chemical regulations (TSCA, EINECS, etc.).
- Classified under GHS for skin and eye irritation hazards.

Section 16: Other Information

- **Disclaimer:** The above information is believed to be correct but does not claim to be exhaustive. Users are responsible for verifying suitability under actual conditions of use. **Triveni chemicals** disclaims any liability for damage resulting from handling or contact.