

CHEMICAL WITHOUT BORDERS-POWERED BY INDIA

CIN No.: U24100GJ2010PTC060594 GST No.: 24AADCT5202F1ZU

MSME No: UDYAM-GJ-25-0009026

ISO 9001:2015 | QMS/NAB-C21601/1645

Material Safety Data Sheet (MSDS)

Filbertone 1% TEC

Revision Date: 30-October-2025

Version: 1.0

Section 1: Product Identification

• Product Name: Filbertone 1% TEC

• Chemical Formula: C8H14O

• CAS No: NA

• Synonyms: 5-Methylhept-2-en-4-one, Filbertone (in TEC base)

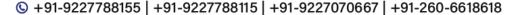
• **Recommended Use**: Used as a fragrance ingredient in perfumery and flavor applications for nutty, hazelnut-like aroma.

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, protective clothing, and eye protection.
 - Wash hands thoroughly after handling.

Section 3: Composition / Information on Ingredients

• Substance: Filbertone 1% TEC

• Concentration: 1% in Triethyl Citrate (TEC)

• 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.

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Section 5: Fire-Fighting Measures

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

Section 6: Accidental Release Measures

- Personal Precautions: Avoid inhalation and contact with skin or eyes. Use suitable PPE.
- Environmental Precautions: Prevent contamination of soil and waterways.
- **Cleanup Methods**: Absorb with inert material (sand, vermiculite) and place in containers for disposal.

Section 7: Handling and Storage

- **Handling**: Handle in accordance with good industrial hygiene and safety practices. Avoid inhalation and contact with skin or eyes.
- **Storage**: Store tightly closed in a cool, dry, and well-ventilated place away from heat and direct sunlight.

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Section 8: Exposure Controls / Personal Protection

- Occupational Exposure Limits: Not established.
- Engineering Controls: Provide adequate local exhaust ventilation.
- **PPE**: Protective gloves, goggles, and clothing. Respirator if exposure limits are likely to be exceeded.

Section 9: Physical and Chemical Properties

• Appearance: Colorless to pale yellow liquid

• Odor: Nutty, roasted, hazelnut-like odor

• Boiling Point: 78 - 80 °C

• Flash Point: 14 °C

• Solubility: Insoluble in water; soluble in organic solvents

• Molecular Weight: 126.199 g/mol

Section 10: Stability and Reactivity

• **Stability**: Stable under normal storage and handling conditions.

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- Incompatible Materials: Strong oxidizing agents.
- Hazardous Decomposition Products: Carbon oxides and other harmful gases under fire conditions.

Section 11: Toxicological Information

- Routes of Exposure: Inhalation, ingestion, skin, and eye contact.
- Acute Toxicity: Expected to be of low acute toxicity.
- Irritation: Causes skin and eye irritation.
- **Sensitization**: May cause allergic reaction in sensitive individuals.
- Chronic Effects: Prolonged exposure may cause mild dermatitis.

Section 12: Ecological Information

- Ecotoxicity: Not expected to be hazardous to the environment.
- Persistence and Degradability: Expected to be biodegradable.
- Bioaccumulative Potential: Low.
- Mobility in Soil: Low, due to low solubility in water.

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Section 13: Disposal Considerations

- Dispose of contents and containers in accordance with local, regional, and national regulations.
- Avoid release into the environment.

Section 14: Transport Information

• UN Number: 1170

• Proper Shipping Name: Filbertone 1% TEC

• Transport Hazard Class: 3

Packing Group: II

Section 15: Regulatory Information

- The product complies with applicable international chemical safety regulations (TSCA, REACH, etc.).
- Classified as hazardous under GHS for skin and eye irritation.



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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.



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