

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)

Frutinat

Revision Date: 30-October-2025

Version: 1.0

Section 1: Product Identification

• **Product Name**: Frutinat

• Chemical Formula: C10H18O2

• CAS No: NA

• Synonyms: Apple crotonate, Damascia

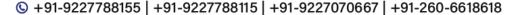
• **Recommended Use**: Used as a fragrance ingredient in perfumery, cosmetics, and household products.

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: Mixture of aromatic esters and aldehydes.
- Composition: Proprietary fragrance blend.
- Impurities: None known to affect classification.

Section 4: First Aid Measures

- **Inhalation**: Move person to fresh air and keep at rest. Seek medical advice if symptoms persist.
- Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.
- **Eye Contact**: Rinse cautiously with water for several minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

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• 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: May emit toxic fumes of carbon oxides during combustion.
- **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 and eyes. Use PPE.
- Environmental Precautions: Prevent contamination of soil and waterways.
- Cleanup Methods: Absorb with inert material (sand, earth, or vermiculite) and dispose of properly.

Section 7: Handling and Storage

• **Handling**: Handle in accordance with good industrial hygiene. Avoid inhalation and contact with skin or eyes.

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• **Storage**: Store tightly closed in a cool, dry, and well-ventilated place away from direct sunlight and incompatible materials.

Section 8: Exposure Controls / Personal Protection

- Occupational Exposure Limits: Not established.
- Engineering Controls: Provide local exhaust ventilation.
- PPE: Protective gloves, safety goggles, lab coat, and respirator if vapors exceed limits.

Section 9: Physical and Chemical Properties

• Appearance: Colorless to pale yellow liquid

• Odor: Fruity, floral fragrance

• Boiling Point: 192 °C

• Flash Point: 71 °C (closed cup)

• Solubility: Insoluble in water; soluble in alcohol and other organic solvents

Molecular Weight: 170.3 g/mol

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Section 10: Stability and Reactivity

- Stability: Stable under normal storage and use conditions.
- Incompatible Materials: Strong oxidizing agents.
- Hazardous Decomposition Products: Carbon oxides and irritating fumes may form under fire conditions.

Section 11: Toxicological Information

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

Section 12: Ecological Information

- **Ecotoxicity**: Not classified as hazardous for the environment.
- Persistence and Degradability: Expected to be biodegradable.
- Bioaccumulative Potential: Low.
- Mobility in Soil: Low, due to hydrophobic nature of components.
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Section 13: Disposal Considerations

- Dispose of contents/container in accordance with local, regional, and national regulations.
- Avoid release to the environment.

Section 14: Transport Information

• UN Number: Not regulated

• Proper Shipping Name: Frutinat

• Transport Hazard Class: Not classified as dangerous goods

• Packing Group: Not applicable

Section 15: Regulatory Information

- The product complies with applicable chemical inventory regulations (TSCA, REACH, etc.).
- Classified as hazardous under GHS (skin and eye irritant).

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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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