

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)

Romanone Flakes

Prepared by: Triveni Chemicals **Revision Date: 25-August-2025**

Version: 1.0

Section 1: Product Identification

Product Name: Romanone Flakes

Chemical Formula: C16H22O

• CAS No: 54464-57-2

• **Recommended Use:** Fragrance ingredient used in perfumery and cosmetics.

Supplier:

Triveni Chemicals

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Section 2: Hazards Identification

- Classification (GHS): Skin Irritant (Category 2), Eye Irritant (Category 2A), Skin Sensitizer (Category 1), Hazardous to aquatic environment (Category 2).
- Signal Word: Warning
- Hazard Statements:
 - Causes skin and eye irritation
 - May cause allergic skin reaction
 - Toxic to aquatic life with long-lasting effects
- Precautionary Statements:
 - Avoid release into environment
 - Wear protective gloves and eye protection
 - Wash hands thoroughly after handling

Section 3: Composition / Information on Ingredients

Chemical Name: Romanone Flakes

• **Synonyms:** Iso E Super, 7-Acetyl-1,2,3,4,5,6,7,8-octahydro-1,1,6,7-tetramethyl naphthalen-2-yl ketone

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• Concentration: >95%

Section 4: First Aid Measures

- Inhalation: Move to fresh air. If symptoms persist, seek medical advice.
- **Skin Contact:** Wash with plenty of soap and water. Remove contaminated clothing. Seek medical advice if irritation occurs.
- 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: Foam, dry chemical, carbon dioxide (CO2).
- Specific Hazards: May emit carbon oxides under fire conditions.
- **Protective Equipment:** Firefighters should wear self-contained breathing apparatus and protective clothing.

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Section 6: Accidental Release Measures

- **Personal Precautions:** Use personal protective equipment. Avoid inhalation and skin contact.
- Environmental Precautions: Prevent entry into drains and water bodies.
- Cleanup Methods: Absorb with inert material (sand, earth). Collect in suitable container for disposal.

Section 7: Handling and Storage

- **Handling:** Avoid inhalation of vapors and contact with skin/eyes. Use in well-ventilated areas.
- **Storage:** Store in tightly closed containers in a cool, dry, well-ventilated place. Keep away from strong oxidizing agents.

Section 8: Exposure Controls / Personal Protection

- **Exposure Limits:** Not specifically established for Romanone Flakes.
- Engineering Controls: Ensure adequate ventilation.
- **Personal Protective Equipment:** Gloves, protective goggles, lab coat, respirator if exposure limits are exceeded.

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Section 9: Physical and Chemical Properties

• Appearance: White to off-white crystalline flakes

Odor: Woody, amber-like, long-lasting

- Boiling Point: >300 °C

Flash Point: >100 °C (closed cup)

• Solubility: Insoluble in water; soluble in ethanol and oils

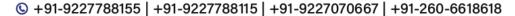
Molecular Weight: 230.35 g/mol

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information

Routes of Exposure: Inhalation, ingestion, skin and eye contact.



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- Acute Effects: Causes skin and eye irritation. May cause allergic skin reactions.
- **Chronic Effects:** Prolonged exposure may cause sensitization in some individuals.

Section 12: Ecological Information

- **Ecotoxicity:** Toxic to aquatic organisms, may cause long-term adverse effects.
- Persistence and Degradability: Biodegradable under normal conditions.
- Bioaccumulative Potential: Potential for bioaccumulation exists.

Section 13: Disposal Considerations

Dispose of contents/container in accordance with local/regional/national regulations.
 Do not release into environment.

Section 14: Transport Information

• **UN Number:** 3082

Proper Shipping Name: Romanone Flakes

• Hazard Class: 9

Packing Group: III

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Section 15: Regulatory Information

- Complies with Indian chemical safety regulations and international fragrance industry standards (IFRA).
- Listed under international chemical inventories.

Section 16: Other Information

- Prepared By: Triveni Chemicals, Regulatory Affairs Department
- 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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