



GROUP OF Triveni CHEMICALS

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:** C<sub>16</sub>H<sub>22</sub>O
- CAS No:** 54464-57-2
- Recommended Use:** Fragrance ingredient used in perfumery and cosmetics.
- Supplier:**  
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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

▪ **CAS Number:** 54464-57-2

- **Concentration:** >95%
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## 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.
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## Section 5: Fire-Fighting Measures

- **Suitable Extinguishing Media:** Foam, dry chemical, carbon dioxide (CO<sub>2</sub>).
  - **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
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## Section 10: Stability and Reactivity

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

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## 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.
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## Section 13: Disposal Considerations

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