

## Material Safety Data Sheet (MSDS)

### Para-Cresyl Isovalerate

Revision Date: 22-September-2025

Version: 1.0

### Section 1: Product Identification

- **Product Name:** Para-Cresyl Isovalerate
- **Chemical Formula:** C<sub>12</sub>H<sub>16</sub>O<sub>2</sub>
- **CAS No:** 140-26-1
- **Synonyms:** 4-Methylphenyl 3-methylbutanoate
- **Recommended Use** Used in fragrances, flavors, and aroma compounds.

### Section 2: Hazards Identification

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

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- Causes serious eye irritation.

• **Precautionary Statements:**

- Avoid contact with skin and eyes.

- Wear protective gloves and goggles.

- Wash hands thoroughly after handling.

## Section 3. Composition / Information on Ingredients

• **Concentration:** >95%

## Section 4. First Aid Measures

- **Inhalation:** Move victim to fresh air. Seek medical attention if symptoms occur.
- **Skin Contact:** Wash 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 advice.

## Section 5. Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, CO<sub>2</sub>.

- **Specific Hazards:** Emits toxic fumes of carbon oxides under fire conditions.
- **Protective Equipment:** Firefighters should wear self-contained breathing apparatus and protective gear.

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## Section 6. Accidental Release Measures

- **Personal Precautions:** Avoid inhalation, skin and eye contact. Use PPE.
- **Environmental Precautions:** Prevent entry into drains and waterways.
- **Cleanup Methods:** Absorb with inert material (sand, earth). Collect into suitable container for disposal.

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## Section 7. Handling and Storage

- **Handling:** Avoid contact with skin and eyes. Use in well-ventilated areas.
- **Storage:** Store in a cool, dry, and well-ventilated area. Keep container tightly closed.

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## Section 8. Exposure Controls / Personal Protection

- **Exposure Limits:** Not specifically established for Para-Cresyl Isovalerate.
- **Engineering Controls:** Provide adequate ventilation and local exhaust.
- **PPE:** Safety goggles, gloves, protective clothing, respirator if exposure limits are exceeded.

## Section 9. Physical and Chemical Properties

- **Appearance:** Colorless to pale yellow liquid
- **Odor:** Floral, animalic odor
- **Boiling Point:** 280 °C
- **Flash Point:** 100 °C (closed cup)
- **Solubility:** Insoluble in water; soluble in alcohol and organic solvents
- **Molecular Weight:** 192.25 g/mol

## Section 10. Stability and Reactivity

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

## Section 11. Toxicological Information

- **Routes of Exposure:** Inhalation, ingestion, skin and eye contact.
- **Acute Effects:** Causes irritation to skin, eyes, and respiratory tract.

- **Chronic Effects:** Prolonged exposure may cause sensitization and dermatitis.

## Section 12. Ecological Information

- Toxic to aquatic life with long lasting effects.
- **Persistence and Degradability:** Expected to be biodegradable.
- **Bioaccumulative Potential:** Low to moderate potential for bioaccumulation.

## Section 13. Disposal Considerations

- Dispose of contents/container in accordance with local, regional, and national regulations.
- Do not discharge into environment.

## Section 14. Transport Information

- **UN Number:** Not regulated
- **Proper Shipping Name:** Para-Cresyl Isovalerate
- **Hazard Class:** Not classified as dangerous goods
- **Packing Group:** Not applicable

## Section 15. Regulatory Information

- Complies with Indian chemical safety regulations and Hazardous Chemicals Rules.
- Listed under international chemical inventories (TSCA, EINECS).

## 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.