

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)

Cyclodumol Acetate

Revision Date: 31-October-2025

Version: 1.0

Section 1: Product Identification

• Product Name: Cyclodumol Acetate

• Chemical Formula: C12H22O2

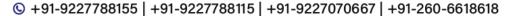
• CAS No: NA

• **Synonyms**: α ,3,3-Trimethylcyclohexylmethyl acetate

• **Recommended Use**: Used as a fragrance ingredient in perfumery compositions, providing fresh, woody, floral, and amber notes; also used in cosmetic and fine fragrance applications.

Section 2: Hazards Identification

- Classification (GHS): Skin irritation (Category 2); Eye irritation (Category 2A); Hazardous to aquatic environment (Category 3).
- Signal Word: Warning



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• Hazard Statements:

- Causes skin and eye irritation.
- Harmful to aquatic life with long lasting effects.
- Avoid release to the environment.
- Wear protective gloves/eye protection.
- IF ON SKIN or IN EYES: Rinse cautiously with water; seek medical advice if irritation persists.
- Harmful if swallowed
- Causes skin irritation and serious eye irritation
- Combustible liquid
- Keep away from heat/sparks/open flames. No smoking
- Wear protective gloves/eye protection
- IF ON SKIN or IN EYES: Rinse cautiously with water; seek medical advice if irritation persists

Section 3: Composition / Information on Ingredients

• Concentration: 100%

Section 4: First Aid Measures

- Inhalation: Remove to fresh air. If symptoms develop, seek medical attention.
- **Skin Contact**: Wash with plenty of soap and water. Remove contaminated clothing. Seek medical advice if irritation persists.
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- **Eye Contact**: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. Seek medical attention if irritation persists.
- Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical advice if feeling unwell.

Section 5: Fire-Fighting Measures

- Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide (CO2); water spray.
- Specific Hazards: Combustible liquid; emits toxic fumes of carbon oxides under fire conditions.
- **Protective Equipment**: Firefighters should wear self-contained breathing apparatus and protective clothing.

Section 6: Accidental Release Measures

- **Personal Precautions**: Use personal protective equipment. Avoid breathing vapors. Ensure adequate ventilation. Eliminate ignition sources.
- Environmental Precautions: Prevent entry into drains and waterways.
- **Cleanup Methods**: Absorb with inert material (sand, earth). Collect in suitable container for disposal.

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Section 7: Handling and Storage

- **Handling**: Avoid inhalation of vapors and contact with skin/eyes. Use with adequate ventilation. Keep away from ignition sources.
- **Storage**: Keep container tightly closed. Store in a cool, dry, well-ventilated place away from heat and oxidizing agents.

Section 8: Exposure Controls / Personal Protection

- Exposure Limits: ACGIH TLV 50 ppm (205 mg/m³) TWA; OSHA PEL not established.
- Engineering Controls: Provide adequate ventilation and local exhaust if needed.
- **Personal Protective Equipment**: Chemical-resistant gloves, safety goggles, protective clothing. Respirator if ventilation is inadequate.

Section 9: Physical and Chemical Properties

Appearance: Colorless to pale yellow liquid

• Odor: Woody, amber, floral odor with soft and warm nuances

• Boiling Point: 200 °C

• Flash Point: 92 °C

• **Solubility**: Insoluble in water; soluble in alcohols, ethers, and most organic solvents

• Molecular Weight: 198.3 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 under fire conditions.

Section 11: Toxicological Information

- Routes of Exposure: Inhalation, ingestion, skin and eye contact.
- Acute Effects: Harmful if swallowed; causes skin and eye irritation; may cause respiratory irritation.
- **Chronic Effects**: Prolonged or repeated exposure may cause dermatitis and liver/kidney effects.

Section 12: Ecological Information

- **Ecotoxicity**: May be harmful to aquatic life in high concentrations.
- Persistence and Degradability: Expected to be biodegradable.
- Bioaccumulative Potential: Low to moderate potential.

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Section 13: Disposal Considerations

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

Section 14: Transport Information

• UN Number: NA

• Proper Shipping Name: Cyclodumol Acetate

• Hazard Class: NA

• Packing Group: NA

Section 15: Regulatory Information

- Complies with Indian chemical safety regulations and listed under international chemical inventories (TSCA, EINECS, etc.).
- Classified as hazardous substance as per GHS.

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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.
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