

Material Safety Data Sheet (MSDS)

Sultanene

Revision Date: 01-November-2025

Version: 1.0

Section 1: Product Identification

- **Product Name:** Sultanene
- **Chemical Formula:** $C_{11}H_{12}O_2$
- **Cas No:** Na
- **Synonyms:** Ethyl 2-cyclopentene-1-acetate; 2-Cyclopentene-1-acetic acid; ethyl ester;
- **Recommended Use:** Used as a fragrance ingredient in perfumes, cosmetics, and household products.

Section 2: Hazards Identification

- **Classification (GHS):** Flammable liquid , Skin Irritant, Eye Irritant.
- **Signal Word:** Warning

Section 3: Composition / Information on Ingredients

- **Concentration:** 95%

Section 4: First Aid Measures

- **Inhalation:** Move to fresh air. If symptoms occur, seek medical attention.
- **Skin Contact:** Wash with plenty of soap and water. Remove contaminated clothing. Seek medical advice if irritation persists.
- **Eye Contact:** Rinse cautiously with water for at least 15 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:** Foam, dry chemical, carbon dioxide, or water spray.
- **Specific Hazards:** Vapors may form explosive mixtures with air. 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 inhalation and skin/eye contact. Ensure adequate ventilation.
- **Environmental Precautions:** Prevent entry into drains and waterways.
- **Cleanup Methods:** Absorb with inert material (sand, earth). Collect in suitable container for proper disposal.

Section 7: Handling and Storage

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

Section 8: Exposure Controls / Personal Protection

- **Exposure Limits:** Not specifically established for Sultanene.
- **Engineering Controls:** Ensure adequate ventilation and use explosion-proof equipment as needed.
- **Personal Protective Equipment:** Gloves, protective goggles, lab coat; respirator if ventilation is inadequate.

Section 9: Physical and Chemical Properties

- **Appearance:** Clear, colorless liquid with fruity notes
- **Odor:** mild, naturally sweet, and fruity aroma
- **Boiling Point:** 196.6 °C
- **Flash Point:** 67 °C (closed cup)
- **Solubility:** Stable in shampoo, lotion, soap; poor in bleach and acidic cleaners
- **Molecular Weight:** 176.21 g/mol

Section 10: Stability and Reactivity

- **Stability:** Stable under normal 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 skin and eye irritation. May cause respiratory irritation.
- **Chronic Effects:** Prolonged or repeated exposure may cause dermatitis.

Section 12: Ecological Information

- **Ecotoxicity:** Harmful to aquatic life with long lasting effects.
- **Persistence and Degradability:** Expected to be biodegradable under normal conditions.
- **Bioaccumulative Potential:** Low.

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:** Not applicable
- **Proper Shipping Name:** Sultanene
- **Hazard Class:** Not classified as dangerous goods
- **Packing Group:** Not applicable

Section 15: Regulatory Information

- Complies with Indian chemical safety regulations and listed under international chemical inventories (TSCA, EINECS/REACH, etc.).

- Classified as hazardous substance as per GHS (flammable, skin/eye irritant).

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 Interchem Pvt. Ltd.** disclaims any liability for damage resulting from handling or contact.

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