VERISCENTS

SAFETY DATA SHEET

Product: Exaltolide (Exaltolide Total grade) | CAS: 106-02-5

Safety information based on source SDS dated August 12, 2025. Prepared November 18, 2026. Version 1.

SECTION 1. Identification

Chemical identifier: Oxacyclohexadecan-2-one (Cyclopentadecanolide), CAS 106-02-5. Other identifiers: none reported.

Recommended use: fragrance raw material; source also identifies flavor applications.

Veriscents, 30 N Gould Street, Sheridan, WY 82801, USA. Telephone: 877.863.7700. Regulatory Contact.

Medical exposure emergencies (24 hours): Poison Help, 800-222-1222. Transport emergency: HazmatLine, +1 (813) 742-5152; support@hazmatline.com.

SECTION 2. Hazard identification

Classification under OSHA 29 CFR 1910.1200: Skin sensitization, Category 1B. Signal word: **Warning**.

H317 - May cause an allergic skin reaction. M factor: none reported. Other hazards (HNOC): none reported.



P261 - Avoid breathing vapor or dust. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves, eye and face protection. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P363 - Wash contaminated clothing before reuse. P501 - Dispose of contents/container at an approved site in accordance with local regulations.

SECTION 3. Composition / information on ingredients

Mixture. Cyclopentadecanolide (CAS 106-02-5): 96.4000% as reported in the supplied IFRA certificate. The source SDS withholds specific ingredient identities as trade secrets under 29 CFR 1910.1200; remaining composition is not disclosed.

SECTION 4. First-aid measures

Inhalation: Move to fresh air, keep at rest and obtain medical attention.

Eyes: Flush immediately with water for at least 15 minutes; contact a physician if symptoms persist.

Skin: Wash with plenty of soap and water. Ingestion: Rinse mouth with water and obtain medical attention.

Most important effects: May cause an allergic skin reaction. Treat symptomatically.

SECTION 5. Fire-fighting measures

Suitable media: carbon dioxide, dry chemical or foam. Fire may release carbon monoxide and unidentified organic compounds. Firefighters should wear suitable respiratory equipment if ventilation is insufficient.

SECTION 6. Accidental release measures

Avoid inhalation and skin/eye contact. Refer to Sections 7 and 8. Remove ignition sources, provide adequate ventilation and avoid excessive vapor inhalation. Contain spill with sand or inert powder. Dispose of according to local regulations.

SECTION 7. Handling and storage

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Use appropriate PPE, good manufacturing and industrial hygiene practices, and adequate ventilation. Do not eat, drink or smoke during use.

Keep container tightly closed in a cool, well-ventilated place. Ground/bond containers and receiving equipment. Use explosion-proof electrical, ventilation and lighting equipment, non-sparking tools and precautions against static discharge.

SECTION 8. Exposure controls / personal protection

No hazardous materials with region-specific occupational exposure limits are reported. Other exposure guidelines: no information available. Engineering controls: showers, eyewash stations and ventilation systems.

Wear protective gloves, eye/face protection and suitable protective clothing. If exposure limits are exceeded or irritation occurs, use approved respiratory protection in accordance with local regulations. A NIOSH-approved organic vapor cartridge or canister may be permissible in certain circumstances; protection is limited. Use positive-pressure supplied air for high or unknown airborne concentrations, uncontrolled releases or when air-purifying respirators are inadequate. Observe good industrial hygiene and safety practices.

SECTION 9. Physical and chemical properties

Flash point: >180°C (>356°F). Upper/lower flammability or explosive limits: product does not present an explosion hazard, according to source.

Not determined: appearance, odor, odor threshold, pH, melting/freezing point, initial boiling point/range, evaporation rate, flammability (solid/gas), vapor pressure, vapor density, relative density, solubility, n-octanol/water partition coefficient, auto-ignition temperature, decomposition temperature and viscosity. Other information: none available.

SECTION 10. Stability and reactivity

No significant reactivity hazard alone or in contact with water. Stable under normal storage conditions. Hazardous reactions and hazardous decomposition products are not expected under normal use. Avoid extreme heat and strong acids, alkalis or oxidizing agents.

SECTION 11. Toxicological information

Skin sensitization: Category 1B. Acute toxicity classification criteria not met; oral and dermal values not applicable, inhalation data unavailable. Based on available data, classification criteria are not met for skin corrosion/irritation, serious eye damage/irritation, germ cell mutagenicity, carcinogenicity, reproductive toxicity, STOT (single and repeated exposure) and aspiration hazard. Additional information: none available.

SECTION 12. Ecological information

Ecotoxicity, persistence and degradability, bioaccumulative potential, mobility in soil and other adverse effects: not available. See Section 14 for the reported environmental transport classification.

SECTION 13. Disposal considerations

Dispose of in accordance with local regulations. Avoid discharge into drains or the environment. Take empty containers to an approved waste facility for recycling or disposal.

SECTION 14. Transport information

UN 3077 - ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CYCLOPENTADECANOLIDE). Class 9; packing group III; no subsidiary risk reported.

Reported for UN Model Regulations, US DOT (including bulk), IMDG, ADR/RID/ADN and ICAO TI. Marine pollutant (IMDG); environmentally hazardous substance. No additional special precautions reported. Bulk transport under MARPOL Annex II and IBC Code: not applicable. US DOT entries refer to domestic road/rail transport in the contiguous 48 states.

SECTION 15. Regulatory information

No additional specific safety, health or environmental regulations reported in the source SDS.

SECTION 16. Other information

Source SDS issue date: August 12, 2025. Source version: 1. Information is based on available technical documentation and is not a guarantee of suitability for a particular application.