VERISCENTS

SAFETY DATA SHEET — ALDEHYDE C-18 (GAMMA-NONALACTONE)

Product: Aldehyde C-18 (Coconut) / Gamma-Nonalactone

CAS: 104-61-0 | **Source SDS issue date:** 08/10/2021 | **Veriscents format issue:** 11/15/2026

SECTION 1. IDENTIFICATION

Substance: Gamma-Nonalactone; 2(3H)-Furanone, dihydro-5-pentyl-.

Identified uses: Fragrances and flavours.

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

Medical exposure emergency (24 h): Poison Help 800.222.1222. **Hazmat transportation incident contact:** +1 (813) 742-5152; support@hazmatline.com.

SECTION 2. HAZARDS IDENTIFICATION

Classification: The supplied SDS reports that this material does not meet the criteria for classification under Regulation (EC) No 1272/2008.

Signal word, hazard statements, pictograms and precautionary statements: None required by the supplied classification. **Other hazards:** None reported.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Gamma-Nonalactone; CAS 104-61-0. The supplied SDS does not provide a numerical purity assay.

SECTION 4. FIRST-AID MEASURES

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

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

Skin: Remove contaminated clothing and wash with soap and water; seek medical advice if irritation persists.

Ingestion: Rinse mouth with water and obtain medical attention.

Symptoms and special treatment: None expected or specified in source SDS.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, dry chemical, foam.

Fire hazards: Carbon monoxide and unidentified organic compounds may be released.

Firefighters: Wear appropriate respiratory protection where ventilation is insufficient.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Avoid inhalation and skin/eye contact. Prevent entry into drains, surface water, groundwater and soil. Remove ignition sources; ventilate. Absorb using sand or inert powder and dispose of according to applicable regulations.

SECTION 7. HANDLING AND STORAGE

Keep away from heat, sparks and flames. Do not smoke. Use appropriate PPE and adequate ventilation; do not eat, drink or smoke while handling.

Store tightly closed, cool and in a ventilated area. The source recommends grounding/bonding, non-sparking tools, explosion-proof equipment and static-discharge precautions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits: None specified in supplied SDS.

Protection: Protective gloves and eye/face protection. Ensure ventilation. For prolonged or elevated exposures, consider local exhaust, closed transfer systems, and properly selected organic-vapour respiratory protection.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Flash point: 100 °C. **Explosive properties:** Not expected. **Oxidising properties:** Not expected.

Other properties: Appearance, odour, odour threshold, pH, melting/freezing point, boiling point, evaporation rate, vapour pressure/density, relative density, solubility, partition coefficient, auto-ignition temperature, decomposition temperature and viscosity: not determined in source.

Explosion limits: Source reports product does not present an explosion hazard.

SECTION 10. STABILITY AND REACTIVITY

No significant reactivity hazard expected; stable under normal storage. Hazardous reactions not expected under normal use. Avoid extreme heat and contact with strong acids, alkalis or oxidising agents. Hazardous decomposition products not expected under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

The supplied SDS reports no classification for acute toxicity, skin/eye irritation, sensitisation, mutagenicity, carcinogenicity, reproductive toxicity, STOT (single/repeated) or aspiration hazard.

Acute oral/dermal toxicity: Not applicable in source. **Inhalation toxicity:** Not available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity, persistence, bioaccumulation, mobility and other adverse effects: Not available in source.

PBT/vPvB: Source states the substance does not meet REACH Annex XIII PBT/vPvB criteria.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable regulations; prevent release into drains and the environment. Send empty containers to approved recycling/disposal facilities.

SECTION 14. TRANSPORT INFORMATION

UN number, proper shipping name, hazard class and packing group: Not classified as dangerous goods in supplied SDS.

Environmental transport hazard: Not environmentally hazardous for transport per source. **Bulk transport:** Not classified.

SECTION 15. REGULATORY INFORMATION

The source SDS references REACH Regulation (EC) No 1907/2006 and CLP Regulation (EC) No 1272/2008. No additional regulations identified; chemical safety assessment not carried out.

SECTION 16. OTHER INFORMATION

Technical source: Safety data dated 08/10/2021, version 1. This document is a Veriscents-formatted presentation of the supplied technical information, not a new laboratory determination.

The information is provided in good faith based on available source data; users must assess suitability and applicable requirements for their operations.