



ECO ORGANICS

An ISO 9001 : 2008 Certified Company

- Flavours
- Fragrances
- Ingredients

SAFETY DATA SHEET

L-CITRONELLOL

(As per GHS / SDS 16-Section Format)

SDS Version: 1.0 | Date of Issue: 20 August, 2026

SECTION 1: IDENTIFICATION

Product Name: L-Citronellol

Synonyms: L-Rhodinol; beta-Citronellol; (S)-(-)-Citronellol; Dihydrogeraniol

CAS No.: 7540-51-4 (also referenced as 106-22-9) | **EC No.:** 231-415-7 | **FEMA No.:** 2309

Molecular Formula: C₁₀H₂₀O

Recommended Use: Flavour & Fragrance ingredient – fine fragrance, personal care, and household products. Not for pharmaceutical/API use.

Supplier: Eco Organics, B-5/C-5 to C-7, D-20, Ajeetpur Indl. Estate, Rampur – 244901, U.P., India

Contact / Emergency Telephone: +91 94122 51810, +91 97209 99980 | Email: sales@ecorganics.org

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: Skin Irritation – Category 2 (H315); Skin Sensitisation – Category 1 (H317); Eye Irritation – Category 2 (H319)

Signal Word: WARNING

Hazard Statements: H315 – Causes skin irritation. H317 – May cause an allergic skin reaction. H319 – Causes serious eye irritation.

Precautionary Statements:

P261 Avoid breathing vapour/mist. P264 Wash exposed skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present. P321 Specific treatment (see label). P332+P313 If skin irritation occurs: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362, P363 Take off and wash contaminated clothing before reuse. P391 Collect spillage. P501 Dispose of contents/container in accordance with local, state and central regulations.

Other Hazards: No carcinogenicity, mutagenicity, or reproductive toxicity classification identified based on sources reviewed. Not classified for acute oral, dermal, or inhalation toxicity.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture: Substance

Component: L-Citronellol – CAS No. 7540-51-4

Concentration: Min. 99.0% (by GLC, per Certificate of Analysis)

SECTION 4: FIRST-AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical advice if irritation or an allergic reaction develops.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention if feeling unwell.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, CO₂, foam, water spray/fog.

Unsuitable Media: Do not use a direct/solid water jet, as it may spread the fire.



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Specific Hazards: Combustible liquid, flash point approx. 102°C. No unusual fire or explosion hazards known.

Firefighter Protection: Wear self-contained breathing apparatus (SCBA) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Wear appropriate PPE. Avoid skin/eye contact.

Environmental Precautions: Prevent entry into drains, water courses, or soil.

Containment / Clean-up: Soak up with inert absorbent material and collect in closed containers for disposal. Do not allow to enter sewers or waterways.

SECTION 7: HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes and avoid inhalation of vapour/mist. Wash hands before breaks and after work.

Storage: Store in tightly closed containers in a cool, dry place, protected from direct sunlight and heat sources. Recommended storage temperature below 30°C.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: No specific Indian or international OEL identified for this substance in the sources reviewed; consult your EHS professional.

Engineering Controls: Use with adequate general or local exhaust ventilation.

PPE – Eyes/Face: Chemical safety goggles or face shield.

PPE – Skin/Hands: Chemical-resistant gloves, inspected before use; avoid skin contact given the sensitisation classification.

PPE – Respiratory: Use an approved organic-vapour respirator if ventilation is inadequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colorless liquid
Odour	Floral, rosy, fresh citrus/lemon nuance (primary value characteristic)
Molecular Formula	C10H20O
Molecular Weight	156.27 g/mol
Specific Gravity at 20/20°C	0.855 – 0.861 (per COA)
Refractive Index at 20°C	1.453 – 1.459 (per COA)
Optical Rotation at 20°C	-5.5° to -3.5° (per COA)
Acid Value	1.0 mg/g max. (per COA)
Boiling Point	Approx. 225°C (literature)
Flash Point	Approx. 102°C, Closed Cup
Vapour Pressure	2.260 Pa @ 25°C
Solubility in Water	Slightly soluble; soluble in 2 volumes of 70% ethanol
Purity	99.0% min. (by GLC, per COA)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under recommended storage and handling conditions.

Conditions to Avoid: Heat, open flames, and other ignition sources.

Incompatible Materials: Strong oxidizing agents, strong acids/bases.

Hazardous Decomposition: Carbon oxides on combustion.



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SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not classified for acute oral, dermal, or inhalation toxicity based on available data.

Skin Contact: Causes skin irritation; may cause an allergic skin reaction (sensitiser).

Eye Contact: Causes serious eye irritation.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified. Not listed as a carcinogen by NTP, IARC, ACGIH, or OSHA based on sources reviewed.

Reproductive Toxicity: Not classified.

STOT (Single/Repeated Exposure): Not classified.

Chronic Effects: No specific chronic hazard data identified; avoid prolonged or repeated skin exposure as good practice given the sensitisation potential.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Some sources report this material as toxic to aquatic life; formal aquatic hazard classification was not consistently established across sources reviewed. Avoid release to the environment as good practice.

Persistence / Degradability: Expected to be biodegradable based on chemical structure.

Bioaccumulation: Limited specific data available.

Mobility: Slightly soluble in water; expected to have moderate mobility in soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable local, state and central pollution control regulations. Do not discharge into drains or water courses. Contaminated packaging should be handled and disposed of as hazardous waste through an authorised waste handler.

SECTION 14: TRANSPORT INFORMATION

Transport Classification: Non-Hazardous / Non-DGR (Non-Dangerous Goods Regulated).

This material is classified as Non-Hazardous for transport purposes and is not regulated as a Dangerous Good under ADR/IMDG/IATA. Note that this transport classification is separate from the GHS health hazard classification in Section 2 — the health hazards (H315, H317, H319) still apply to handling, storage, and occupational exposure even though the material is not restricted for transport.

SECTION 15: REGULATORY INFORMATION

This product is supplied solely for use as a Flavour & Fragrance ingredient and is not manufactured, used, or supplied for any pharmaceutical formulation or Active Pharmaceutical Ingredient (API) application. Eco Organics does not hold a Drug Manufacturing License. Users must ensure compliance with all applicable central, state and local regulations governing the storage, handling and use of this material.

SECTION 16: OTHER INFORMATION

This Safety Data Sheet has been compiled using the Certificate of Analysis and Technical Data Sheet for this product (received from our raw material supplier) together with published scientific and regulatory literature, to the best of our knowledge, and is provided in good faith. It does not constitute a warranty of any specific property. This SDS is subject to revision as new information becomes available.

Date: 20 August, 2026

Authorized Signatory



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For Eco Organics

Partner

(Company Seal)