

MATERIAL SAFETY DATA SHEET

1 – PRODUCT IDENTIFICATION

Product Name: Eucalyptus Citriodora Oil

CAS: 85203-56-1

Supplier: Yunnan Summit Biotechnology Co., Ltd

Address: Shuangbai County Industrial Park, Shuangbai County Chuxiong State, Yunnan Province, P.R.China

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2– HAZARDS IDENTIFICATION


2.1 GHS Classification

Skin irritation(Category 2), H315

Skin sensitization(Category 1B), H317

Hazardous to the aquatic environment, long-term(Chronic) (Category 2), H411

2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal word	Warning
Hazard statement	H315 Causes skin irritation. H317 May cause allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.
Precautionary statement(s)	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear eye protection/face protection. P302+P352 P302+P352: IF ON SKIN: wash with plenty of water. P321 P321: Specific treatment (see this MSDS). P332+P317 If skin irritation occurs: Get medical help. P333+P317 If skin irritation or a rash occurs: Get medical help. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage. P501 Dispose of contents/container to an approved waste disposal plant.

2.3 Hazards not otherwise classified(HNOC) or not covered by GHS

No data available



3 – COMPOSITION

Component	CAS	Citronellal content
Eucalyptus Citriodora Oil	85203-56-1	≥75%

4– FIRST AID MEASURES

Inhalation - Provide fresh air. Seek medical attention if discomfort occurs.

Ingestion - Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

Skin Contact - Remove contaminated clothing immediately and wash skin with water. Get medical attention.

Eye Contact - Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes and get medical attention.

5– FIREFIGHTING MEASURES

Suitable extinguishing media - Use as appropriate, carbon dioxide (CO₂), dry chemical or foam.

Unsuitable extinguishing media - Do not use water jet as an extinguisher as this may spread the fire.

Specific hazards - In case of fire, toxic fumes like carbon monoxide and carbon monoxide may be liberated.

Special protective equipment for for fighters - Wear full protective clothing suitable for surroundings.

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions - Provide adequate ventilation.

Avoid contact with skin and eyes. Avoid inhalation of vapours.

Environmental precautions - Do not discharge into drains, water courses or onto the ground.

Methods for cleaning up - Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal.

7 – HANDLING AND STORAGE

Usage precautions

- Apply good manufacturing practice and industrial hygiene practices.
- Minimise number of workers exposed.
- Minimise manual handling.
- Avoid contact with contaminated tools and equipment.
- Segregate emission processes.
- Do not transport with/using compressed air;
- Avoid splashing / contact with skin or eyes;
- Fill only into labelled container;
- Use solvent resistant utensils;
- Apply good standard of general ventilation (>3 ACH).
- Keep containers sealed when not in use.
- Provide adequate ventilation. Keep away from heat, sparks and open flames.

Advice on general occupational hygiene

- Do not eat, drink or smoke when using this product.



- Wash hands thoroughly after handling and before eating, drinking or using the bathroom.
- Remove contaminated clothing and protective equipment before entering eating areas.

Storage precautions

- Store in tightly closed, original container in a dry, cool and well ventilated place.

8 -PERSONAL PROTECTION

General protective and hygienic measures:

- Use personal protective equipment depending on concentration and of hazardous substance.
- Keep away from foodstuffs, beverages and feed.
- Immediately remove all soiled and contaminated clothing. Store contaminated material in air-tight container
- Wash hands before breaks and at the end of workday. Apply fatty skin-care products after washing.
- Avoid contact with skin and eyes.

Eye protection:

- Faceshield or safety glasses with side-shields conforming to EN166.

Hand Protection:

- Wear chemical resistant gloves
 - Nitrile rubber/Nitrile latex - NBR (0.35 mm)
 - Fluoro carbon rubber - FKM (0.4 mm)

Skin and body protection:

- Wear apron or Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: - Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn (half-faced or full-faced mask with ABEK filter). If the respirator is the sole means of protection use a full-face supplied air respirator.

Hygiene Measures: - Good personal hygiene procedures should be implemented.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A clear, colourless to pale yellow liquid.

Odour: Citronellal characteristic odour.

Specific gravity: 0.8580~0.8770 (20 °C)。

Refractive index: 1.450~1.490 (20 °C)。

Flash point(Closed Cup): >70 °C

10 - STABILITY AND REACTIVITY

Stability: Stable when stored as directed.

Incompatible materials: Strong oxidising agents, strong acids, strong bases.

Conditions to avoid: Avoid heat, sparks and open flames. A range from approximatively 15 Kelving below the flash point is to be rated as critical.



11 – TOXICOLOGICAL INFORMATION

Acute toxicity: LD50: No data available

LC50: No data available

Ecotoxicity: Not available.

12 - ECOLOGICAL INFORMATION

No data available

13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with local, state and provincial environmental control regulations.

14 – TRANSPORTATION INFORMATION

UN-No: /

Proper Shipping Name: /

Hazard Class: /

Subsidiary Class: No information available

Packing group: /

Marine Pollutant: Yes

DOT RQ (lbs): No data available

15 – REGULATORY INFORMATION

Whether the product is listed in "China Inventory of Existing Chemical Substances" (2015 Edition): Not included

16 - OTHER INFORMATION

Updated date: 2025-08-31

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