

MATERIAL SAFETY DATA SHEET

1 – PRODUCT IDENTIFICATION

Product Name: Citronella Oil

CAS: 8000-29-1

Supplier: Yunnan Summit Biotechnology Co., Ltd

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

Tel: +86-878-7715967

2– HAZARDS IDENTIFICATION

2.1 GHS Classification

Serious eye damage/eye irritation(Category 1), H318

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

2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal word	Danger
Hazard statement	H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects.
Precautionary statement(s)	P264+P265 Wash hands [and ...] thoroughly after handling. Do not touch eyes. P280 Wear protective gloves/protective clothing/eye protection/face protection. P273 Avoid release to the environment. P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P317 Get emergency medical help. 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	Citronella Content(%)
Citronella oil	8000-29-1	32%~40%

4– FIRST AID MEASURES

Inhalation : In case of excessive inhalation remove the person to fresh air and keep at rest in a comfortable position. Obtain medical advice immediately.

Skin contact : Avoid prolonged contact with skin - wash off with soap and water. If persistent irritation is observed seek medical advice.

Eye contact : Rinse the eyes immediately with plenty of water for at least ten minutes. Obtain medical attention.

Ingestion : The substance may cause lung damage if swallowed - do not induce vomiting - seek medical advice immediately.

5—FIREFIGHTING MEASURES

Extinguishing media : Carbon dioxide, foam, dry chemical. Do not use a direct water jet.

Special hazards : CO/CO₂, Smoke

Advice for firefighters : Avoid inhalation of smoke and fumes. In case of insufficient ventilation wear suitable respiratory equipment.

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions :

Gloves and eye protection should be worn when handling spillages. Avoid flames or other potential sources of ignition.

Avoid skin/eye contact and inhalation of vapour.

Environmental precautions: Do not allow discharge into drains, soil or any aquatic environment.

Methods for cleaning up :

Remove all sources of ignition. Provide effective ventilation. Absorb spillages on porous inert material such as earth, sand or vermiculite and dispose of in accordance with local regulations.

Good personal washing routines should be followed after accidental release. Ensure adequate ventilation in working areas following accidental release.

Large spillages should be contained by use of sand or other inert material, transferred to suitable container and recovered or disposed of in accordance with local regulations.

7 – HANDLING AND STORAGE

Precautions for safe handling:

Handle in accordance with good occupational hygiene and safety practices in a well ventilated area.

Avoid direct contact with skin and eyes. Depending on working conditions, this may include wearing of eye protection and protective clothing such as PVC gloves and suitable overalls.

Wash hands after use:

Remove protective equipment and contaminated clothing before entering eating areas

Avoid breathing vapours especially if the material is hot.

Conditions for safe storage: Store indoors at a constant temperature, if possible about 15°C in well ventilated conditions in full, sealed, opaque containers. Keep away from sources of ignition.

Uses and applications : Fragrances and flavours.

8 -PERSONAL PROTECTION



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Exposure parameters : No specific exposure limits found.

Respiratory Protection : Where ventilation may be inadequate, wear self-contained breathing apparatus.

Hand protection : Wear impervious gloves.

Skin protection : Wear protective clothing.

Eye protection : Wear eye protection e.g. Safety glasses/goggles

Engineering measures : None found.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow clear liquid

Odour: Having a nature citronella trait odor.

Specific gravity: 0.880~0.900 (20 °C).

Refractive index: 1.4600~1.4730 (20 °C).

Optical rotation: -5°~ 0°.

10 - STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures

Incompatible Materials: Avoid oxidising agents

Conditions to avoid: None known

Hazardous Decomposition Products: No data available

11 – TOXICOLOGICAL INFORMATION

Acute toxicity: LD50: No data available

LC50: No data available

Ecotoxicity: Not available.

BOD5 and COD: Not available.

12 - ECOLOGICAL INFORMATION

No data available

13 - DISPOSAL CONSIDERATIONS

Dispose in accordance with local regulations. Avoid release into drainage systems and into the environment.

14 – TRANSPORTATION INFORMATION

UN-No: /

Proper Shipping Name: Not dangerous goods

Hazard Class: /

Packing group: /

Environmental Hazards: /

15 – REGULATORY INFORMATION

Whether the product is listed in "China Inventory of Existing Chemical Substances" (2013 Edition): Not



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included

16 - OTHER INFORMATION

Updated date: 2025-08-31

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