

MATERIAL SAFETY DATA SHEET

1 – PRODUCT IDENTIFICATION

Product Name: Lavender Oil

CAS: 8000-28-0

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

Skin corrosion/irritation(Category 2), H315

Skin sensitization(Category 1), H317

Serious eye damage/eye irritation(Category 2A), H319

Hazardous to the aquatic environment, long-term hazard(Category 3), H412

2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal word	Warning
Hazard statement	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement(s)	P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P261 Avoid breathing vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P264+265 Wash hands [and ...] thoroughly after handling. Do not touch eyes. P273 Avoid contact during pregnancy/while nursing. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P317 If skin irritation occurs: Get medical help. P362+P364 Take off contaminated clothing and wash before reuse. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P337+P317 If skin/eye irritation or rash occurs: Get medical help. P321 Specific treatment (see ... on this label). P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.



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	Remove contact lenses if present and easy to do - continue rinsing.
	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	Linalool Content(%)
Lavender Oil	8000-28-0	20%~43%

4– FIRST AID MEASURES

General information:

If health disorder happens, call for medical help immediately.

Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation. After skin contact:

Immediately wash with water and soap and rinse thoroughly. After eye contact: Rinse opened eye for several minutes under running water. After swallowing: Do not induce vomiting; call for medical help immediately.

5– FIRE FIGHTING MEASURES

Suitable extinguishing agents: CO2, alcohol resistant foam, powder, water spray.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture: In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO2)

Smoke and soot

Do not use water with full jet to prevent fire spreading.

Protective equipment: Wear self-contained respiratory protective device.

Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Wear gloves (if possible made of natural rubber) when handling leaks to avoid contact with the skin, body cleansing should be observed in case of contact.
- Avoid breathing vapours.
- Follow normal hygiene rules in case of accidental spillage.

- Ensure adequate ventilation of the workplace after spillage.

Refer to protective measures listed under headings 7 and 8.

6.2 Environmental precautions: Do not allow to penetrate the ground/soil.

Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

Wipe up little amounts with absorbent material like cloth or pulp.

Water and cleansing agent

Absorb with incombustible liquid-binding material (sand, diatomite, universal binders). Dispose of contaminated material as waste according to item 13.

7 – HANDLING AND STORAGE

Precautions for safe handling:

Information about fire - and explosion protection:

Fumes can combine with air to form an explosive mixture.

Moistened solids (e.g. cloth, pulp, filter panel, binder) has to be stored hermetically sealed and/or watered and proper disposed (see chapter 9 and 13).

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Storage:

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Provide solvent resistant, sealed floor.

Information about storage in one common storage facility: Store away from oxidising agents. Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Storage class: 3

Classification according to Betriebssicherheitsverordnung (BetrSichV) Flammable

8 -PERSONAL PROTECTION

Personal protective equipment:

General protective and hygienic measures:

Use personal protective equipment depending on concentration and amount of hazardous substance.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Respiratory protection:

Suitable respiratory protection: filter class A2 (brown colour).



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Use the rules for application of respiratory protection systems.

Protection of hands:

Preventive skin protection by use of skin-protecting agents is recommended.

Respiratory protection: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Thermal hazards: Wear suitable protective clothing to prevent heat.

Environmental exposure controls: Avoid discharge into the environment. According to local regulations, Federal and official regulations.

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Material of gloves

The election of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow to buff transparent liquid.

Odour: Characteristic odour.

Specific gravity: 0.876 ~ 0.895 (20 °C).

Refractive index: 1.4570 ~ 1.4640 (20 °C).

10 - STABILITY AND REACTIVITY

Reactivity: The substance is stable under normal storage and handling conditions.

Chemical stability: Heating causes vaporisation and formation of ignitable atmosphere is possible.

Possibility of hazardous reactions: Formation of explosive gas mixture with air possible.

Product is not selfigniting; but in case of unpropitious storing conditions (air admission, heat accumulation) selfignition is possible for moistened solids (e.g. cloth, pulp, filter panels, binder).

Reacts violently with oxidising agents.

Conditions to avoid: Incompatible materials.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products expected by intended use.

11 – TOXICOLOGICAL INFORMATION

Acute toxicity: LD50: No data available

LC50: No data available

Ecotoxicity: Not available.

BOD5 and COD: Not available.



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12 - ECOLOGICAL INFORMATION

No data available

13 - DISPOSAL CONSIDERATIONS

Waste treatment methods: The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

Product / Packaging disposal: If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations.

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" (2015 Edition): Not included

16 - OTHER INFORMATION

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