

# MATERIAL SAFETY DATA SHEET

## 1 – PRODUCT IDENTIFICATION

Product Name: Valerian Oil

CAS: 8008-88-6

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

Flammable liquids(Category 3), H226

Skin Corrosion/Irritation(Category 2), H304

Skin sensitization(Category 1B), H317

Serious eye irritation(Category 2), H319

Hazardous to the aquatic environment, long-term hazard (Category 1), H410

### 2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal word	Danger
Hazard statement	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H317 May cause allergic skin reaction. H319 Causes serious eye irritation. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statement(s)	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264+P265 Wash hands [and ...] thoroughly after handling. Do not touch eyes. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear eye protection/face protection.

	<p>P301+P316 IF SWALLOWED: Get emergency medical help immediately.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.</p> <p>P321 Specific treatment (see on this label).</p> <p>P331 Do Not induce vomiting.</p> <p>P302+P352 IF ON SKIN: wash with plenty of water.</p> <p>P337+P317 If eye irritation persists: Get medical help.</p> <p>P333+P317 If skin irritation or a rash occurs: Get medical help.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378 In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.</p> <p>P391 Collect spillage.</p>
	<p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p>
	<p>P501 Dispose of contents/container to an approved waste disposal plant.</p>

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

No data available

### 3 – COMPOSITION

Component	CAS	Weight(%)
Valerian Oil	8008-88-6	100%

### 4– FIRST AID MEASURES

General advice: Consult a physician. Show this safety date sheet to the doctor in attendance.

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. Seek medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

## 5– FIREFIGHTING MEASURES

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide.

Unsuitable extinguishing media: Water spray, water jet.

Special protective equipment and precautions for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Special hazards arising from the substance or its combustible products: Thermal decomposition can lead to release of irritation gases and vapors.

Resulting gases: Carbon oxides.

## 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and materials for containment and cleaning up

Pick up and transfer to properly labelled containers. Soak up with inert absorbent material. Dam up.

## 7 – HANDLING AND STORAGE

Precautions:

Technical Measures/Precautions:

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Handle in accordance with good industrial hygiene and safety procedures.

Safe Handling Advice

Wear personal protective equipment. Use only in well-ventilated areas. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not breathe vapors or spray mist. Do not ingest.

When using do not smoke. Handle in accordance with good industrial hygiene and safety practice.

Storage:

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## 8 -PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the workstation location.

Personal Protection: Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. Exposure



Limits: Not available.

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow or pale yellow green transparent liquid.

Odour: Characteristic odour

Specific gravity: 0.9200~0.9840 (20 °C).

Refractive index: 1.4700~1.4957 (20 °C).

## 10 - STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials.

Stability: Stable under recommended storage conditions.

Incompatibility with various substances: Oxidizing agents.

Corrosively: Avoid sparks, flame and other heat sources.

Conditions to avoid: Heat. Ignition sources. Incompatible materials.

Special Remarks on Corrosively: Not available.

Polymerization: Will not occur.

## 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: LD50: No data available

LC50: No data available

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation. Moderately irritating to the eyes.

Inhalation: Irritating to respiratory system.

Ingestion: May affect behavior/central nervous system (somnolence, ataxia).

Aspiration hazard: No information 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



**YUNNAN SUMMIT BIOTECHNOLOGY Co., Ltd.**

Packing group: /

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

#### **\*\*\* DISCLAIMER \*\*\***

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