

# MATERIAL SAFETY DATA SHEET

## 1 – PRODUCT IDENTIFICATION

Product Name: Ho Leaf Oil

CAS: 8022-91-1

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 corrosion/irritation(Category 2),H315

Skin sensitization(Category 1), H317

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

### 2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal word	Warming
Hazard statement	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation
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. P265 Do not touch eyes.  P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. 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. Remove contact lenses, if present and easy to do. Continue rinsing. P403+P235 Store in a well-ventilated place. Keep cool. 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	Content(%)
Ho Wood Oil	8022-91-1	70%~90%

### **4– FIRST AID MEASURES**

General notes: Take Risk and Safety phrases (section 15) into account.

In case of inhalation: Remove to fresh air immediately. If breathing is difficult, seek medical advice.

In case of skin contact: Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

In case of eyes contact: Flush with plenty of water for at least 15 minutes.

In case of ingestion: Rinse mouth with water and obtain medical advice. Seek medical advice.

Most important symptoms and effects, both acute and delayed: No data available. Please note the risk and safety phrases

Indication of any immediate medical attention and special treatment needed: No data available. Please note the risk and safety phrases

### **5– FIREFIGHTING MEASURES**

Suitable extinguishing media: Depending on the type of product: CO<sub>2</sub>, dry powder or foam extinguishers; Water spray or fog to cool the package (if necessary).

Unsuitable extinguishing media : Direct water jet.

Special hazards arising from the substance or mixture: The product is not flammable. Do not smoke. Do not use flame near.

In case of fire, may produce toxic fumes of carbon monoxide (CO) or carbon dioxide (CO<sub>2</sub>). Exposure to decomposition products may cause health hazards. Do not breathe fumes.

Special fire fighting methods and special protective actions for fire-fighters: Never use a direct water jet.

Workers should be equipped with suitable protective equipment (respiratory and protective suit). High temperatures can cause high pressures inside closed packages.

### **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: Prevent flow to sewers/public waters without previous treatment.**



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Prevent contamination of soil and water, runoff into sewers, gutters, rivers. Notify the authorities if the product enters sewers or public waters.

### **6.3. Methods and material for containment and cleaning up**

- Large spills should be contained with sand or diatomaceous earth, pumped and rinsed with water after recovery of the waste in specific labelled plastic drums to be handed over to an approved recovery company.
- Clean the area carefully to eliminate any residual pollution
- Any sorbent used to mop up leaks must be destroyed quickly, according to local regulations, preferably by incineration; cases of spontaneous combustion of cloths soaked in perfumes or aromas are well known. Spills must be contained by appropriate means and the associated waste treated in accordance with the regulations in force.

## **7 – HANDLING AND STORAGE**

Precautions for safe handling:

Wear suitable PPE: gloves (preferably natural rubber) and eye/face protection.

Handle in well-ventilated areas, ventilated if necessary, at the lowest possible temperature, avoiding dust accumulation. Do not smoke. Do not expose to flames or other potential sources of ignition (electrical equipment)

Observe safety and hygiene standards. Close the packaging after use. Reproduce the labelling if transferring to another container. Prevent access by unauthorised persons

Conditions for safe storage, including any incompatibilities:

Store products in their original containers, preferably full and tightly capped, in a cool, dry place. Do not reuse empty containers. Keep away from air and light. Avoid unnecessary exposure.

Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and before leaving work.

## **8 -PERSONAL PROTECTION**

Control parameters: Occupational exposure limits: Not available.

Additional exposure limits under the conditions of use: Not available.

DNEL/DMEL and PNEC-Values: Not available.

Exposure controls: Technical measures: Avoid contact with eyes, skin or clothing. Do not ingest. Avoid contact with food, drink. Personal protective equipment:

Do not eat, drink or smoke during use.

Individual protection measures, such as personal protective equipment: Eye/face protection: If risk of splashing, wear safety goggles or face shield.

Hand protection: Protective gloves should be used if there is a risk of direct contact or splash.

Body protection: Protective clothing.

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.



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## **9 – PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Pale yellow liquid.

Odour: Floral odour.

Specific gravity: 0.856~0.870 (20 °C).

Refractive index: 1.460~1.470 (20 °C).

Flash point(Closed Cup): 69 °C

## **10 - STABILITY AND REACTIVITY**

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

Chemical stability: Stable under normal temperature conditions.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: Incompatible materials.

Incompatible materials: Strong oxidizing substances. Strong acids. Strong Alkalies.

Hazardous decomposition products: Emits fumes under fire conditions. CO, CO<sub>2</sub>.

## **11 – TOXICOLOGICAL INFORMATION**

Acute toxicity: LD50: No data available

LC50: No data available

Ecotoxicity: Not available.

BOD<sub>5</sub> and COD: Not available.

## **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



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**16 - OTHER INFORMATION**

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