

江西海瑞天然植物有限公司  
JIANGXI HAIRUI NATURAL PLANT CO. LTD.

ADD: No.267 JiaHua Avenue,Jinggangshan Economic Development Zone, Ji'an County,Ji'an City, Jiangxi  
Zip code:343100 Tel: 0796-8507999 FAX: 0796-8108396 Website: www.jxhairui.com

## MATERIAL SAFETY DATA SHEET OF EUCALYPTUS OIL

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Eucalyptus Oil  
**Manufacture:** Jiangxi Hairui Natural Plant Co. Ltd.  
**Address:** No.267 JiaHua Avenue,Jinggangshan Economic Development Zone, Ji'an County,Ji'an City, Jiangxi, P.R.C  
**Post code:** 343100  
**Fax:** 86-0796-8507999  
**Tel:** 86-0796-8107398

### 2. COMPOSITION/INGREDIENT INFORMATION

**Ingredients:** Eucalyptus oil is the volatile oil obtained by the steam distillation of the fresh leaves of Eucalyptus globulus Labillardiere

**HS CODE:** 3301296000

**CAS #:** 8000-48-4

### 3. HAZARDS IDENTIFICATION

Xn Harmful; R10 Flammable liquid

#### Routes of Entry

**Eye Contact:** Irritation will occur with possible damage

**Skin Contact:** May cause irritation or allergic dermatitis upon prolonged exposure

**Inhalation:** Inhalation may cause irritation in throat and lungs. High concentrations of vapor may cause anesthetic effects.

**Ingestion:** Harmful if swallowed

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#### 4. FIRST AID MEASURES

- Eyes:** Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
- Skin:** Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists.
- Ingestion:** Administer water or milk to dilute. Seek medical attention immediately or call a poison control center.
- Inhalation:** Avoid gross inhalation of fumes. Remove to fresh air and seek medical attention if needed.

#### 5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA:** Use CO<sub>2</sub>, Dry Powder or Foam type Extinguishers, spraying
- RECOMMEND:** Extinguishing media to base of flames. Do not use direct water jet on burning material.
- SPECIAL MEASURES:** Avoid the vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
- EXTINGUISHING PROCEDURES:** Close containers which may build up pressure when exposed to heat and should be cooled with water spray.

#### 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

**Personal Protection:**

**Avoid ingestion**

Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes.

Wear eye protection, gloves and aprons. Ventilate area well or wear

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approved respirators.

### Methods for Cleaning Up:

Eliminate all sources of ignition

Ventilate area or wear approved respirators

Prevent liquid from entering sewers

Small spills can be wiped up with paper rags (place in closed metal waste container)

Large spills can be absorbed onto non-flammable absorbent.

Wash area with soap and water.

## 7. HANDLING AND STORAGE

**PRECAUTIONS IN HANDLING:** Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

**STORAGE CONDITIONS:** Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

**FIRE PROTECTION:** Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Engineering Controls:** Provide adequate ventilation. Safety showers and eye wash stations should be located near work areas.

### Work Practice Controls:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

(1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.

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(2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.

(3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

**Respiratory:** Avoid casual breathing of vapors  
**Ventilation:** Local, mechanical exhaust is recommended  
**Eye:** safety glasses or goggles  
**Skin:** Wear gloves and clothing to avoid skin contact

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid, Oil

**Color:** Colourless to light yellow liquid

**Odor:** Fresh with the aroma of eucalyptus

**Flash Point:** 53°C

**Boiling:** 179°C

**Specific Gravity:** 0.895 — 0.920

**Refractive Index:** 1.4580—1.4700

**Optical Rotation:** 0 — +5°C

**Solubility in Water:** Soluble in 70% of the ethanol

**Used:** Pharmaceutical, Aromatherapy, skincare, inhalant blends, confectionery etc

### 10. STABILITY AND REACTIVITY

**Reactivity:** It presents no significant reactivity hazards, by itself or in contact with water.  
Avoid contact with strong acids, alkali or oxidizing agents.

**Decomposition:** Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

### 11. TOXICOLOGICAL INFORMATION

**CAUTION:** Liquid may be irritating to eyes and skin. Not a sensitive, not photo-toxic;

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however toxic to humans by oral route: oral-child TDLo 218mg/Kg;  
oral-man TDLo 375mg/Kg.

## 12. ECOLOGICAL INFORMATION

**Biodegradability:** Data not available

**Precautions:** Prevent surface contamination of soil, ground & surface water.

## 13. DISPOSAL CONSIDERATIONS

Avoid disposing to drainage systems and into the environment. Seek expert advice.

## 14. TRANSPORT INFORMATION

**Road (ADR/RID):** Class 3

**AIR (IATA):** Class 3

**SEA (IMDG):** Class 3,

**Package:** 180kg/Galvanized steel drum

## 15. REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 22 Harmful if swallowed

Safety Phrases:

WGK(Water Danger/Protection)

CAS#United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# is listed on Canada's DSL List

CAS# is not listed on Canada's Ingredient Disclosure List

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Exposure Limits

US FEDERAL

TSCA

CAS# is listed on the TSCA inventory.

## 16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate. However, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.