

吉安海瑞天然植物有限公司
JI'AN HAIRUI NATURAL PLANT CO. LTD.

ADD: Meilin Industrial Park, Qing-Yuan District Ji'an city, Jiangxi province, China. Zip code:343009
Tel: 0796-8107398 FAX: 0796-8108396 Website: www.jxhairui.com

MATERIAL SAFETY DATA SHEET OF PATCHOULI OIL

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Patchouli Oil

Manufacture: Ji'an Hairui Natural Plant Co. Ltd.

Address: Me-Lin Industrial Park, Qin-Yuan District, Ji'an City, Jiangxi, China

Post code: 343009

Fax: 86-0796-8108396

Tel: 86-0796-8107398

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients: Patchouli oil is the volatile oil obtained by the steam distillation of the patchouli

CAS #: 8014-09-3

3. HAZARDS IDENTIFICATION

Xn Harmful

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 CO2, 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. Special Firefighting Procedures:

Fire fighters should wear positive pressure self-contained breathing apparatus. Toxic vapors may be released. Cool containers exposed to flame with water. Spray extinguishing media directly into base of fire.

Unusual Fire & Explosion Hazards: None known

7. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

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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 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.

8. 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.

9. EXPOSURE CONTROL/PERSONAL PROTECTION

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

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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.

(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 in recommended

Eye: safety glasses or goggles

Skin: Wear gloves and clothing to avoid skin contact

10. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid, Oil

Color: Red brown or green brown clear liquid

Odor: characteristic aroma

Acid value: 4

Boiling: 208°C

Specific Gravity: 0.955 — 0.983

Refractive Index: 1.5052 — 1.5120

Optical Rotation: -66° — -40°

Solubility : Soluble in the ethanol

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Content: 26% of the Patchouli alcohol
Used: Pharmaceutical, Aromatherapy, skincare, inhalant blends, confectionary etc

11. STABILITY AND REACTIVITY

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

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

12. TOXICOLOGICAL INFORMATION

CAUTION: Liquid may be irritating to eyes and skin. Not a sensitizer, not photo-toxic;
however toxic to humans by oral route

13. ECOLOGICAL INFORMATION

Biodegradability: Data not available

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

14. DISPOSAL CONSIDERATIONS

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

15. TRANSPORT INFORMATION

Road (ADR/RID): N/A

AIR (IATA): N/A

SEA (IMDG): N/A

Package: 200kg/Galvanized steel drum

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

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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.