



# LIBERTY NATURAL PRODUCTS, INC.

*The Source for the Finest  
Pure and Natural Botanical Oils and Extracts*

## Section 1. Product and Company Identification

<b>Product Name:</b>	ORGANIC PATCHOULI
<b>Product Code:</b>	9012
<b>Description:</b>	Essential Oil of Patchouli
<b>Product Use:</b>	Industrial
<b>Manufacturer:</b>	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
<b>Emergency Phone:</b>	USA, Canada, Mexico: 1-800-535-5053 International: 1-352-323-3500

## Section 2. Hazards Identification

<b>Category:</b>	Flammable liquid
<b>Signal Word:</b>	Warning
<b>Ingestion:</b>	H304 May be fatal if swallowed and enters airways
<b>Health Risks:</b>	N/A
<b>Eye Contact:</b>	H319 Causes serious eye irritation
<b>Skin Contact:</b>	H315 Causes skin irritation.
<b>Environmental:</b>	H401 Toxic to aquatic life H411 Toxic to aquatic life with long lasting effects

### Pictograms:



### PRECAUTIONARY STATEMENT:

- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing, eye protection, face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P321 Specific treatment.
- P331 Do NOT induce vomiting.
- P332+P313 If skin irritation occurs : Get medical advice.
- P362 Take off contaminated clothing and wash before reuse.
- P391 Collect spillage.
- P405 Store locked up.

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P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.

### Section 3. Composition and Information on Ingredients

<b>Chemical Name:</b>	<i>Pogostemon Cablin</i>
<b>Physical State:</b>	Liquid.
<b>CAS #:</b>	8014-09-3
<b>Impurities:</b>	None.
<b>Trade Secret Claim:</b>	None.

### Section 4. First Aid Measures

<b>Eyes:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact:</b>	Wash off with soap and plenty of water. Consult a physician.
<b>Inhalation:</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Ingestion in excess:</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Emergency Care:</b>	Contact local emergency provider. For non-emergency, contact primary care provider.
<b>PPE:</b>	Gloves, lab coat or uniform, safety glasses, eyewash, safety shower.

### Section 5. Fire-Fighting Measures

<b>Flammability:</b>	Flammable.
<b>Extinguishing Media:</b>	SUITABLE: CO <sub>2</sub> , sand, extinguishing powder NON SUITABLE: Water.
<b>Special Fire-Fighting Procedure:</b>	Use water spray to cool unopened containers.
<b>Unusual Fire and Explosion Hazards:</b>	Essential and vegetable oils have the potential to self-heat and contribute to spontaneous combustion when present on fabrics. Caution should be exercised in the storage and launder of fabrics exposed to oils.
<b>PPE and Precautions for Firefighters:</b>	Firemen must wear self-contained breathing apparatus.

### Section 6. Accidental Release Measures

<b>Personal Precautions:</b>	Use personal protective equipment. Avoid all contact with eyes and mucous membranes. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.
<b>Environmental Precautions:</b>	Prevent further leakage or spillage if safe to do so. Do not dispose in sewer or in any natural environment.

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<b>Containment:</b>	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Keep in suitable, closed containers for disposal.
<b>Clean Up:</b>	Disposal must be made according to official regulations.

### Section 7. Handling and Storage

<b>Handling Precautions:</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.
<b>Storage Precautions:</b>	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in a cool, dry area.
<b>Other:</b>	See Section 8

### Section 8. Exposure Controls/Personal Protection

<b>Engineering Controls:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday
<b>Respiratory Protection:</b>	Assure a good ventilation of work place. Where risk assessment shows necessary, use a full-face respirator with multi-purpose combination respirator cartridges.
<b>Hand Protection:</b>	The glove material has to be impermeable.
<b>Eye Protection:</b>	Goggles giving complete protection to eyes. Eyewash bottle with clean water.
<b>Skin and Body Protection:</b>	Clothes for chemical protection to avoid contact.
<b>Ingestion:</b>	Do not eat, drink or smoke while using.
<b>Industrial Hygiene:</b>	Provide ventilation of the work place to reduce concentrations of the vapor and product.
<b>OSHA Permissible Exposure Limits (PELs):</b>	N/A
<b>ACGIH Threshold Limit Values:</b>	N/A

### Section 9. Physical and Chemical Properties

<b>Appearance:</b>	Almost colorless to brown orange liquid
<b>Upper/Lower Flammability:</b>	N/A
<b>Odor:</b>	Woody balsam weedy earthy very tenacious
<b>Vapor Pressure:</b>	~0.1 mm Hg at 20°C
<b>Odor Threshold:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>pH:</b>	N/A
<b>Relative Density:</b>	N/A
<b>Melting Point:</b>	N/A
<b>Freezing Point:</b>	N/A
<b>Solubility:</b>	Insoluble
<b>Initial Boiling Point and Boiling Range:</b>	N/A

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<b>Flash Point:</b>	110°C / 230°F
<b>Evaporation Rate:</b>	N/A
<b>Flammability Category:</b>	N/A
<b>Partition Coefficient:</b>	N/A
<b>Auto-ignition Temperature:</b>	N/A
<b>Decomposition Temperature:</b>	N/A
<b>Viscosity:</b>	N/A
<b>Specific Gravity:</b>	0.9627 at 25°C

### Section 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal circumstances.
<b>Avoid:</b>	Heat, flames, sparks and strong oxidizing agents.
<b>Incompatibility:</b>	Strong oxidizing and reducing agents.
<b>Hazardous Byproducts:</b>	None in normal conditions
<b>Other:</b>	None

### Section 11. Toxicological Information

<b>Toxicological and Health Effects:</b>	Can be noxious, can induce irritations and serious eye damage/eye irritation
<b>Likely Routes of Exposure:</b>	Eyes, nose, mouth, skin.
<b>Signs and Symptoms of Exposure:</b>	See Section 2. Hazards Identification.
<b>LD50 (median lethal dose):</b>	N/A
<b>Listed NTP Carcinogen:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
<b>INGESTION:</b>	Can be noxious

### Section 12. Ecological Information

<b>TOXICITY:</b>	See Section 2
<b>PERSISTENCE / DEGRADABILITY:</b>	No information available.
<b>BIOACCUMULATION POTENTIAL:</b>	May cause long lasting harmful effects to aquatic life.
<b>RESULTS OF PBT AND vPvB ASSESSMENT:</b>	No information available.
<b>MOBILITY IN SOIL:</b>	No information available.
<b>OTHER ADVERSE EFFECTS:</b>	Not known.

### Section 13. Disposal Considerations

<b>Disposal Containers:</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product, follow label warnings even after container is emptied.
<b>Waste Disposal:</b>	Throwing out forbidden. Do not enter into sewage or waterways.
<b>Special Considerations:</b>	Dispose of spill containment material in accordance with Federal, State, and local laws.

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#### Section 14. Transport Information

UN Number: 3082  
UN Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (patchouli)  
Transport Hazard Class: 9  
Packing Group Number: III  
Stowage and Handling: N/A

#### Section 15. Regulatory Information

Product Regulations: N/A

#### Section 16. Other Information

Last Revised: 8/25/2020 Initial of Author: SAM

*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. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.*

*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.*

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