



# 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>	Patchouli Dark
<b>Product Code:</b>	2956
<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>	Non-flammable liquid
<b>Signal Word:</b>	Warning
<b>Ingestion:</b>	H305 May be harmful if swallowed and enters airways
<b>Health Risks:</b>	N/A
<b>Eye Contact:</b>	H320 Causes eye irritation.
<b>Skin Contact:</b>	H315 Causes skin irritation. H317 May cause an allergic skin reaction.
<b>Environmental:</b>	N/A

### Pictograms:



### PRECAUTIONARY STATEMENT:

P280 Wear protective gloves/protective clothing/eye protection/face protection  
P310 + 310 IF ON SKIN: Wash with plenty of soap and water  
P333 + 313 If skin irritation or rash occurs: Get medical advice/attention.  
P308 + 313 If exposed or concerned: Get medical advice/attention  
P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337 + 313 If eye irritation persists: Get medical advice/attention  
P273 Avoid release to the environment.

## 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.

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**Trade Secret Claim:** None.

#### Section 4. First Aid Measures

<b>Eyes:</b>	No known effect on eye contact, rinse with water for a few minutes.
<b>Skin Contact:</b>	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
<b>Inhalation:</b>	Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.
<b>Ingestion in excess:</b>	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
<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> , dry chemical, or alcohol resistant foam NON SUITABLE: Water.
<b>Special Fire-Fighting Procedure:</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighter's protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.
<b>Unusual Fire and Explosion Hazards:</b>	Vapor may travel to source of ignition and flash back. Vapor may settle low or in confined spaces. May produce a floating fire hazard. Static ignition hazard can result from handling and use. Essential and vegetable oils have the potential to self- 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>	Static charges generated by emptying package in or near flammable vapor may cause flash fire. Use water spray to cool unopened containers.

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## Section 6. Accidental Release Measures

<b>Personal Precautions:</b>	Keep unnecessary personnel away. Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.
<b>Environmental Precautions:</b>	Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid release to the environment. Retain and dispose of contaminated wash water. Contact local authorities in case of spillage to drain/aquatic environment.
<b>Containment:</b>	Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas.
<b>Clean Up:</b>	Put absorbent material in an appropriate waste disposal. Finish by cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## Section 7. Handling and Storage

<b>Handling Precautions:</b>	Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.
<b>Storage Precautions:</b>	Avoid contact with eyes and mucous. Keep container closed and dry. Handle containers with care. Open slowly in order to control possible pressure. Store in a cool, well-ventilated area.
<b>Other:</b>	See Section 8

## Section 8. Exposure Controls/Personal Protection

<b>Engineering Controls:</b>	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 work-station location.
<b>Respiratory Protection:</b>	Chemical respirator with organic vapor cartridge and full face piece.
<b>Hand Protection:</b>	Plastic or synthetic rubber impermeable gloves.
<b>Eye Protection:</b>	Safety glasses or goggles giving complete protection to eyes. Eyewash bottle with clean water.
<b>Skin and Body Protection:</b>	Clothes for chemical protection to avoid contact. Use of an impervious apron is recommended. Wear appropriate thermal protective clothing, when necessary
<b>Ingestion:</b>	Do not eat, drink and smoke while using
<b>Industrial Hygiene:</b>	When using, do not smoke. Always observe good personal hygiene measures, such as washing after handling the

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material before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

<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>	Yellow to light brown liquid
<b>Upper/Lower Flammability:</b>	N/A
<b>Odor:</b>	Woody, herbaceous, earthy, dry
<b>Vapor Pressure:</b>	N/A
<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>	287°C / 549°F @ 760 mm Hg
<b>Flash Point:</b>	116°C / 240°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>	0.950 to 0.975 @ 25°C

### Section 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal circumstances. Avoid heat and ignition sources.
<b>Avoid:</b>	No information
<b>Incompatibility:</b>	No information
<b>Hazardous Byproducts:</b>	None in normal conditions
<b>Other:</b>	No hazardous decomposition products if stored and handled as indicated.

### Section 11. Toxicological Information

<b>Toxicological and Health Effects:</b>	Nontoxic at established levels.
<b>Likely Routes of Exposure:</b>	Eyes, nose, mouth, skin.
<b>Signs and Symptoms of Exposure:</b>	See section 2.
<b>LD50 (median lethal dose):</b>	N/A
<b>Listed NTP Carcinogen:</b>	N/A

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**INGESTION:** Can be noxious

### Section 12. Ecological Information

**TOXICITY:** Harmful to aquatic life with long lasting effects.

**PERSISTENCE / DEGRADABILITY:** No data is available on the degradability of this product.

**BIOACCUMULATION POTENTIAL:** No information available.

#### RESULTS OF PBT AND vPvB

**ASSESSMENT:** No information available.

**MOBILITY IN SOIL:** No information available.

**OTHER ADVERSE EFFECTS:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### Section 13. Disposal Considerations

**Disposal Containers:** 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.

**Waste Disposal:** Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

**Special Considerations:** Dispose of spill containment material in accordance with Federal, State, and local laws.

### Section 14. Transport Information

**UN Number:** N/A

**UN Shipping Name:** N/A

**Transport Hazard Class:** N/A

**Packing Group Number:** N/A

**Stowage and Handling:** N/A

### Section 15. Regulatory Information

**Product Regulations:** N/A

### Section 16. Other Information

**Last Revised:** 6/9/2020

**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*

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*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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