



MATERIAL SAFETY DATA SHEET

PATCHOULI OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: PATCHOULI OIL
Product Use: Personal Care Formulations and Fragrance
Company Name: Saffire Blue Inc.
Company Address: 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada
Date Issued: 1/1/2008
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Patchouli Oil 100%
Hazardous Components: None
CAS #: 8014-09-3

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: Mild irritation may occur
Skin Contact: Mild irritation may occur
Ingestion: Hazardous
Inhalation: Mild irritation may occur with over exposure

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Wash with soap and water. Apply a pure vegetable oil to the area. Get medical attention if irritation persists.
Ingestion: Do not induce vomiting. Loosen tight clothing. Perform mouth to mouth if person is not breathing. Seek immediate medical attention.
Inhalation: Remove to fresh air. Seek medical attention if necessary.
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): 190° Closed Cup
Auto Ignition Temperatures: Not Available
Products of Combustion: Not Available
Flammable Limits

LEL:	Not Established
UEL:	Not Established
Extinguishing Media:	Fog, Dry Chemical, Carbon Dioxide, Foam
Special Firefighting Procedures:	Limit the spread of oil. Use self contained breathing apparatus; cool containers exposed to flame with water. Protective clothing should be worn.
Unusual Fire & Explosion Hazards:	Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up:	Absorb onto an inert, absorbent substrate and sweep up. Dispose of spilled material appropriately. Wash area with soap and water.
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7. HANDLING AND STORAGE

Handling

Safe Handling:	Keep away from heat, fire and open flames. Empty containers pose a fire risk. Evaporate residues under a fume hood before disposal.
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Storage

Requirements for Storage Areas and Containers:	Store in a cool, dry location, in a sealed container away from sources of heat or ignition and strong oxidizing agents.
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8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls:	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.
Eye:	Splash goggles should be worn.
Skin/Body:	Fully covered suits, gloves, boots should be worn.
Respiratory:	Use adequate ventilation and NIOSH-approved respiratory devices. Do not breathe the vapors.
Ventilation:	A mechanical exhaust/ventilation or fume collection system is recommended.
Other:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Normal work and hygiene practices should be used. Contaminated clothing should be washed prior to reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Dark Red Brown
Odor:	Characteristic, woody, earthy, balsam
pH:	Not Available
Vapor Pressure (mm Hg.):	Not Available
Vapor Density (AIR = 1):	>1
Boiling Point:	Not Available
Melting Point:	Not Available
Specific Gravity (H2O = 1):	0.98

Evaporation Rate:	N/A
Solubility in Water:	Insoluble
Water Reactive:	No

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to Avoid):	Avoid flames and strong oxidizers
Corrosivity:	Not corrosive in presence of glass
Hazardous Decomposition or Byproducts:	Not Available
Conditions to Avoid:	Not Available
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Ingestion
Toxicity to Animals:	
LD50:	Not available
LC50:	Not available
Chronic Effects on Humans:	Not available
Other Toxic Effects on Humans:	Hazardous in case in ingestion.
Carcinogenicity:	Not available
Reproductive Toxicity:	Not available
Teratogenicity:	Not available
Mutagenicity:	Not available
Name of toxicologically synergistic products:	N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
BOD5 and COD:	Not available
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation:	The products of degradation are more toxic.
Special Remarks on the Products of Biodegradation:	Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
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14. TRANSPORT INFORMATION

DOT Classification:	Not a DOT controlled material (United States)
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None
Packing Group:	NA

ID Number: NA
Hazard: NA

15. REGULATORY INFORMATION

WHMIS classification for product:	Not controlled under WHMIS (Canada)		
HMIS:	Health: 1	Fire: 1	Reactivity: 0
National Fire Protection Association (U.S.A.):	Health: 1	Flammability: 1	Reactivity: 0

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. Compliance with all applicable federal, state, and local laws and local 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.