



MATERIAL SAFETY DATA SHEET

SANDALWOOD ESSENTIAL OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: SANDALWOOD ESSENTIAL OIL
Product Use: Personal Care Formulations
Company Name: Saffire Blue Inc.
Company Address: 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada
Date Issued: 12/28/2012
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Steam distilled essential oil of Santalum Album 100%
Hazardous Components: None
CAS #: 8006-87-9
INCI Name: Santalum album (Sandalwood) Oil

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: Irritation and redness may occur
Skin Contact: Irritation may occur with prolonged contact
Inhalation: Throat and lung irritation may occur upon breathing vapors
Ingestion: Irritation of the throat, nausea and stomach pain may occur if swallowed.

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: Rinse mouth with water. Drink milk or water 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

Flash Point (Method Used): 93.33°C/200°F Closed Cup
Extinguishing Media: Dry Chemical, Carbon Dioxide, Alcohol Resistant Foam
Special Firefighting Procedures: Fire fighters should wear positive pressure self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
Unusual Fire & Explosion Hazards: None

Hazardous Decomposition Materials: Forms carbon monoxide and/or dioxide upon burning

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, chemical resistant gloves and aprons. Ventilate area well. NIOSH approved respiratory device may be used.
Methods for Cleaning Up:	Eliminate all sources of ignition Ventilate area 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

Handling	
Safe Handling:	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, chemical resistant gloves and aprons. Ventilate area well. NIOSH approved respiratory device may be used.
Storage	
Requirements for Storage Areas and Containers:	Store in an area that is cool, dry, and well-ventilated. Store away from light.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Threshold Limit Value:	Not established
OSHA Permissible Limit:	Not established
Engineering Controls:	Eye wash station and safety showers are recommended near the work area. 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:
Work Practice Controls:	(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. NIOSH approved respiratory device may be used.
Ventilation:	Local, mechanical exhaust is recommended
Eye:	OSHA approved safety glasses
Skin:	Wear chemical resistant gloves and clothing to avoid skin contact

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid oil, viscous
Color:	Dark reddish brown to amber
Odor:	Characteristic of sandalwood, woody, balsamic
Vapor Pressure (mm Hg.):	Not available
Flash Point:	93.33°C/200°F Tag Closed Cup
Boiling Point:	Not available
Melting Point:	Not available
Specific Gravity (@30°C):	0.962-0.976
Refractive Index @ 30°C:	1.499-1.506
Optical Rotation:	-15 ° to -20 °
Solubility in Water:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	This material is stable under normal conditions
Incompatibility (Materials to Avoid):	Avoid contact with strong oxidizing agents, strong acids, strong bases, and avoid hot work and sources of ignition on or near empty containers.
Conditions to Avoid:	Avoid contact with sparks, flame and heat.
Hazardous Decomposition or Byproducts:	In combustion, emits toxic fumes of carbon monoxide and carbon dioxide.
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

CAUTION: Liquid may be irritating to eyes and skin.	
ACGIH TLV:	None established
OSHA PEL:	None established
Carcinogenicity:	NTP Monograph: Not Listed as Carcinogenic IARC Monograph: Not Listed as Carcinogenic
Acute Toxicity Data:	Oral LD50: 5g/kg in rats Dermal LD50: 5g/kg in rabbits Inhalation LC50: None established
Health Hazards (Acute & Chronic):	Skin Contact: Liquid may be irritating Eye Contact: Liquid may be irritating

12. ECOLOGICAL INFORMATION

Mobility:	Insoluble in water. Readily absorbed into soil.
Persistence and Degradability:	Biodegradable
Bioaccumulative Potential:	None

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Dispose of according to local, state and federal regulations.
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14. TRANSPORT INFORMATION

ADDR/RID:

UN No:

Hazard ID No:

ADR Class:

Labeling:

IMDG/IMO:

UN No:

Class:

Packaging Group:

Labeling:

IATA/ICAO:

UN No:

Class:

Packaging Group:

Labeling:

15. REGULATORY INFORMATION

Hazard Symbols:

Flammable

Risk Phrases:

R10: Flammable

R36/38: Irritating to skin and eyes

R43: May cause sensitization by skin contact

R65: Harmful: May cause lung damage if swallowed

S02: Keep out of the reach of children

S24/25: Avoid contact with skin and eyes

S36: Wear suitable protective clothing

S45: In case of accident or if you feel unwell, seek medical advice immediately.

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.