



LIBERTY NATURAL PRODUCTS, INC.

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

libertynatural.com

Section 1. Product and Company Identification

Product Name:	Sandalwood Australian
Product Code:	4993
Description:	Essential Oil of Sandalwood
Product Use:	Industrial
Manufacturer:	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
Emergency Phone:	Liberty Natural Products: (800) 289-8427

Section 2. Hazards Identification

Category:	H226 Flammable liquid and vapor.
Signal Word:	Warning
Ingestion:	N/A
Health Risks:	N/A
Eye Contact:	H319 Causes serious eye irritation.
Skin Contact:	H315 Causes skin irritation. H317 May cause an allergic skin reaction.
Environmental:	H411 Toxic to aquatic life with long lasting effects.

Pictograms:



PRECAUTIONARY STATEMENT:

P264 Wash hands thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P391 Collect spillage.
P302 + 352 IF ON SKIN: Wash with plenty of soap & water.
P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + 313 If skin irritation occurs: Get medical advice/attention.
P362 + 364 Take off contaminated clothing & wash before re-use.
P337 + 313 If eye irritation persists: Get medical advice/attention.

Section 3. Composition and Information on Ingredients

Chemical Name: *Santalum spicatum*

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Physical State:	Liquid.
CAS #:	8024-35-9
Impurities:	None.
Trade Secret Claim:	None.

Section 4. First Aid Measures

Eyes:	Flush eyes with plenty of clean water for at least 15 minutes. Seek medical attention if symptoms persist.
Skin Contact:	Wash skin with soap and water. Seek medical attention if symptoms persist.
Inhalation:	Supply fresh air and consult a doctor if symptoms persist.
Ingestion in excess:	Do not induce vomiting. Seek medical attention if symptoms persist.
Emergency Care:	Contact local emergency provider. For non-emergency, contact primary care provider.
PPE:	Gloves, lab coat or uniform, safety glasses, eyewash, safety shower.

Section 5. Fire-Fighting Measures

Flammability:	Flammable.
Extinguishing Media:	SUITABLE: CO ₂ , sand, extinguishing powder NON SUITABLE: Water.
Special Fire-Fighting Procedure:	None
Unusual Fire and Explosion Hazards:	Products of combustion are smoke, carbon monoxide, carbon dioxide. 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.
PPE and Precautions for Firefighters:	Avoid vapor inhalation. Closed containers need to be cooled if exposed to heat.

Section 6. Accidental Release Measures

Personal Precautions:	Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources.
Environmental Precautions:	Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.
Containment:	Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas.
Clean Up:	Disposal must be made according to official regulations. Absorb spillage onto sand or earth. Transfer to a suitable container for disposal. Clean spillage area with water and detergent.

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Section 7. Handling and Storage

Handling Precautions:	Handle in a well-ventilated area away from sources of ignition. Avoid spillage and eye contact (gloves and goggles recommended). Do not smoke.
Storage Precautions:	Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.
Other:	See Section 8

Section 8. Exposure Controls/Personal Protection

Engineering Controls:	Keep away from foodstuffs, beverages and feed. Avoid contact with the eyes.
Respiratory Protection:	Assure a good ventilation of work place. Use suitable respiratory protective device in case of insufficient ventilation.
Hand Protection:	The glove material has to be impermeable.
Eye Protection:	Goggles giving complete protection to eyes. Eyewash bottle with clean water.
Skin and Body Protection:	Wear suitable protective clothing.
Ingestion:	Do not eat, drink and smoke while using.
Industrial Hygiene:	Provide ventilation of the work place to reduce concentrations of the vapor and product.
OSHA Permissible Exposure Limits (PELs):	N/A
ACGIH Threshold Limit Values:	N/A

Section 9. Physical and Chemical Properties

Appearance:	Pale yellow to yellow viscous liquid
Upper/Lower Flammability:	N/A
Odor:	Characteristic of Sandalwood, soft, sweet-woody
Vapor Pressure:	N/A
Odor Threshold:	N/A
Vapor Density:	N/A
pH:	N/A
Relative Density:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Solubility:	Insoluble
Initial Boiling Point and Boiling Range:	N/A
Flash Point:	277°F / 136°C
Evaporation Rate:	N/A
Flammability Category:	Flammable
Partition Coefficient:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A

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Viscosity:	N/A
Specific Gravity:	0.945 – 0.980

Section 10. Stability and Reactivity

Stability:	Stable under normal circumstances. Avoid heat and ignition sources.
Avoid:	Heat and light
Incompatibility:	Strong oxidizing agents
Hazardous Byproducts:	Upon combustion may produce smoke, carbon monoxide and carbon dioxide.
Other:	None

Section 11. Toxicological Information

Toxicological and Health Effects:	Not determined
Likely Routes of Exposure:	Eyes, nose, mouth, skin.
Signs and Symptoms of Exposure:	See section 2.
LD50 (median lethal dose):	N/A
Listed NTP Carcinogen:	N/A
INGESTION:	N/A

Section 12. Ecological Information

TOXICITY:	See Section 2
PERSISTENCE / DEGRADABILITY:	No information available.
BIOACCUMULATION POTENTIAL:	No information available.
RESULTS OF PBT AND vPvB ASSESSMENT:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	Do not allow product to reach ground water, water course or sewage system. Harmful to aquatic organisms. The product contains materials that are harmful to the environment.

Section 13. Disposal Considerations

Disposal Containers:	Vapors may collect in empty containers. Rinse or evaporate thoroughly.
Waste Disposal:	Dispose of by incineration or landfill in accordance with local regulations.
Special Considerations:	Must be specially treated adhering to official regulations.

Section 14. Transport Information

UN Number:	N/A
UN Shipping Name:	N/A
Transport Hazard Class:	N/A
Packing Group Number:	N/A

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Stowage and Handling: N/A

Section 15. Regulatory Information

Product Regulations: N/A

Section 16. Other Information

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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.

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