



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:	Mastic
Product Code:	864
Description:	Essential Oil of Mastic
Product Use:	Cosmetic and Manufacturing
Manufacturer:	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
Emergency Phone:	USA, Canada, Mexico: 1-800-535-5053 International: 1-352-323-3500

Section 2. Hazards Identification

Category:	H226 Flammable liquid and vapor.
Signal Word:	Danger
Ingestion:	H304 May be fatal if swallowed and enters airways.
Health Risks:	N/A
Eye Contact:	N/A
Skin Contact:	H317 May cause an allergic skin reaction.
Environmental:	H411 Toxic to aquatic life with long-lasting effects.
Pictograms:	

PRECAUTIONARY STATEMENT:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of the reach of children.

P103 Read label before use.

P233 Keep container tightly closed.

P235 Keep cool.

P240 Ground or bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating, lighting etc. equipment.

P261 Avoid breathing dust, fume, gas, mist, vapors or spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves, clothing and eye or face protection.

P301 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment.

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P303 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Wash skin with water.

P333 If skin irritation or rash occurs: Get medical advice.

P363 Wash and/or decontaminate removed clothing before reuse.

P378 Use for extinction: All extinguishing media can be used.

P391 Collect spillage.

P405 Store locked up.

P501 Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Section 3. Composition and Information on Ingredients

Chemical Name: *Pistacia lentiscus*

Physical State: Liquid.

CAS #: 61789-92-2

Impurities: None.

Trade Secret Claim: None.

Section 4. First Aid Measures

Eyes: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persists.

Skin Contact: Wash skin with mild soap and water. Obtain medical attention if irritation persists.

Inhalation: Provide fresh air. Allow victim to rest. Inhalation of vapor can cause breathing difficulties

Ingestion in excess: Rinse mouth. Do not try to induce vomiting. Rinse mouth. Consult a doctor.

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: CO₂, foam, dry chemical.
NON SUITABLE: Water.

Special Fire-Fighting Procedure: Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: 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.

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PPE and Precautions for Firefighters: May produce toxic fumes of carbon monoxide if burning.

Section 6. Accidental Release Measures

Personal Precautions: Avoid all contact with eyes and mucous membranes by wearing goggles, protective clothing, vapor respirator, boots, gloves, and or self-contained breathing apparatus.

Environmental Precautions: Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

Containment: Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas.

Clean Up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Place in appropriate containers for disposal. Ventilate affected area.

Section 7. Handling and Storage

Handling Precautions: Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Ensure good ventilation/exhaustion at the workplace. Keep container closed after using.

Storage Precautions: Store in well-ventilated area and minimize dust and vapor. Keep away from humidity. Store in intact tightly sealed container in dry cool temperatures away from direct sunlight.

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: Plastic or synthetic rubber impermeable gloves

Eye Protection: Goggles give complete protection to eyes. Keep Eyewash bottle with clean water handy.

Skin and Body Protection: Clothes for chemical protection to avoid contact.

Ingestion: Do not eat, drink or smoke while using.

Industrial Hygiene: Both local exhaust and general room ventilation should be in place.

OSHA Permissible Exposure Limits (PELs): N/A

ACGIH Threshold Limit Values: N/A

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Section 9. Physical and Chemical Properties

Appearance:	Pale yellow- brown liquid
Upper/Lower Flammability:	N/A
Odor:	Fresh herbaceous
Vapor Pressure:	N/A
Odor Threshold:	N/A
Vapor Density:	N/A
pH:	N/A
Relative Density:	0.90 – 0.98
Melting Point:	N/A
Freezing Point:	N/A
Solubility:	Insoluble
Initial Boiling Point and Boiling Range:	N/A
Flash Point:	91.4°F / 33°C
Evaporation Rate:	N/A
Flammability Category:	N/A
Partition Coefficient:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A
Specific Gravity:	N/A

Section 10. Stability and Reactivity

Stability:	Stable under normal circumstances. Avoid heat and ignition sources.
Avoid:	Excessive heat.
Incompatibility:	Undetermined.
Hazardous Byproducts:	None in normal conditions.
Other:	None

Section 11. Toxicological Information

Toxicological and Health Effects:	Nontoxic at established levels.
Likely Routes of Exposure:	Eyes, nose, mouth, skin.
Signs and Symptoms of Exposure:	N/A
LD50 (median lethal dose):	N/A
Listed NTP Carcinogen:	Not available
INGESTION:	N/A

Section 12. Ecological Information

TOXICITY:	Toxic to aquatic life with long lasting effects.
PERSISTENCE / DEGRADABILITY:	No information available.
BIOACCUMULATION POTENTIAL:	May cause long-term adverse effects in the aquatic environment. Marine pollutant.

RESULTS OF PBT AND vPvB

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ASSESSMENT:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	No information available.

Section 13. Disposal Considerations

Disposal Containers:	Dispose of this material and its container at hazardous or special waste collection point.
Waste Disposal:	Dispose in a safe manner in accordance with local/national regulations.
Special Considerations:	Follow local, State and Federal regulations for disposal.

Section 14. Transport Information

UN Number:	UN1197
UN Shipping Name:	Extracts, liquid for flavour or aroma
Transport Hazard Class:	3
Packing Group Number:	III
Stowage and Handling:	N/A

Section 15. Regulatory Information

Product Regulations:	N/A
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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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