



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:	Bay Oil
Product Code:	6
Description:	Essential Oil of Bay Leaf
Product Use:	Industrial
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:	Warning
Ingestion:	H302 Harmful if swallowed.
Health Risks:	H304 May be fatal if swallowed and enters airways.
Eye Contact:	H319 Causes serious eye irritation.
Skin Contact:	H317 May cause an allergic skin reaction.
Environmental:	H411 Toxic to aquatic life with long lasting effects.

Pictograms:



PRECAUTIONARY STATEMENT:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, sparks, open flames or hot surfaces. – No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, lighting, communication, equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
- P264 Wash parts in contact thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- 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.

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P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 3. Composition and Information on Ingredients

Chemical Name: *Pimenta Racemosa*

Physical State: Liquid.

CAS# 8006-78-8

Impurities: None.

Trade Secret Claim: None.

Section 4. First Aid Measures

Eyes: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Skin Contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

Inhalation: Supply fresh air. In case of unconsciousness place patient stably on side position for transportation.

Ingestion in excess: Drink copious amounts of water and provide fresh air. Immediately call 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, sand, extinguishing powder
NON SUITABLE: Water.

Special Fire-Fighting Procedure: None

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.

PPE and Precautions for Firefighters: Do not inhale explosion gases or combustion gases.

Section 6. Accidental Release Measures

Personal Precautions: Protective equipment and emergency procedures. Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources. Avoid contact with eyes and mucous.

Environmental Precautions: Do not dispose in sewer or in any natural environment.

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. Recover in a tight container. Wash with plenty of water after complete elimination of the product.

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Section 7. Handling and Storage

Handling Precautions:	Ensure good ventilation/exhaustion at the workplace. Avoid contact with eyes and mucous.
Storage Precautions:	Store in cool, dry place in tightly closed receptacles. Keep away from heat and direct sunlight Store in sealed container, Keep ignition sources away Do not smoke. Protect against electrostatic charges.
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 giving complete protection to eyes. Eyewash bottle with clean water.
Skin and Body Protection:	Clothes for chemical protection to avoid contact.
Ingestion:	Do not eat, drink and smoke while using.
Industrial Hygiene:	Provide an extraction or global ventilation of the work place to reduce concentrations of the steams
OSHA Permissible Exposure Limits (PELs):	N/A
ACGIH Threshold Limit Values:	N/A

Section 9. Physical and Chemical Properties

Appearance:	Yellow to amber brown
Upper/Lower Flammability:	N/A
Odor:	Sweet, spicy, clove, herbal, waxy
Vapor Pressure:	0.1 mm Hg at 20°C
Odor Threshold:	N/A
Vapor Density:	>1
pH:	N/A
Relative Density:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Solubility:	Insoluble
Initial Boiling Point and Boiling Range:	473°F / 245°C
Flash Point:	134.6°F / 57°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

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Section 10. Stability and Reactivity

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

Section 11. Toxicological Information

Toxicological and Health Effects:	Aspiration hazard
Likely Routes of Exposure:	Eyes, nose, mouth, skin.
Signs and Symptoms of Exposure:	SKIN CONTACT: Can induce irritations. EYE CONTACT: Serious eye damage/eye irritation INHALATION: No specific hazard in normal use.
LD50 median lethal dose:	(mg/Kg): 1,800 Oral
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:	To comply with the regulations and prefectural orders in use. Throwing out is forbidden. Packaging must be well emptied.
Waste Disposal:	N/A
Special Considerations:	Must be specially treated adhering to official regulations.

Section 14. Transport Information

UN Number:	UN 1169
UN Shipping Name:	Extracts, Aromatic, Liquid
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

Last Revised:	1/6/2021	Initial of Editor: SAM
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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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