



LIBERTY NATURAL PRODUCTS, INC.

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

libertynatural.com

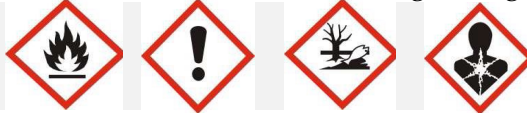
Section 1. Product and Company Identification

Product Name: Milfoil (Yarrow) Dark Blue
Product Code: 266
Description: Essential Oil of Yarrow
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: N/A
Health Risks: H304 May be fatal if swallowed and enters airways
Eye Contact: N/A
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:

P210 Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating and lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing vapor or dust.
P264 Wash hands and other contacted skin 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/eye protection/face protection.
P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P331 Do not induce vomiting.

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P333/313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P370/378 In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391 Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.

Section 3. Composition and Information on Ingredients

Chemical Name:	<i>Achillea millefolium</i>
Physical State:	Liquid.
CAS#:	84082-83-7
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. Remove contaminated cloths.
Inhalation:	Supply fresh air. In case of unconsciousness place patient stably in 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: CO ₂ , 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:	Protect skin and eyes.

Section 6. Accidental Release Measures

Personal Precautions:	Follow company emergency procedures. Wear protective equipment and keep unprotected persons away. Keep away from ignition sources. Ensure area is well ventilated and 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.

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Clean Up: Disposal must be made according to official regulations. Recover in a tightly sealed container. Wash with plenty of water after complete elimination of the product.

Section 7. Handling and Storage

Handling Precautions: Ensure good ventilation/exhaustion at the workplace. Keep container closed after using.

Storage Precautions: 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 and smoke while using.

Industrial Hygiene: Follow your company policy.

OSHA Permissible Exposure Limits (PELs): N/A

ACGIH Threshold Limit Values: N/A

Section 9. Physical and Chemical Properties

Appearance: Blue liquid

Upper/Lower Flammability: N/A

Odor: Characteristic of herb, sweet and herbaceous

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: 129.2°F / 54°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: 0.88

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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:	Aspiration hazard
Likely Routes of Exposure:	Eyes, nose, mouth, skin.
Signs and Symptoms of Exposure:	See Section 2.
LD50 median lethal dose:	(oral) >5,000 mg/kg
Listed NTP Carcinogen:	N/A
INGESTION:	N/A

Section 12. Ecological Information

TOXICITY:	Adopt good working practices, so that the product is not released into the environment.
PERSISTENCE / DEGRADABILITY:	No information available.
BIOACCUMULATION POTENTIAL:	No information available.
RESULTS OF PBT AND vPvB ASSESSMENT:	No information available.
MOBILITY IN SOIL:	Do not allow product to reach ground water, water course or sewage system.
OTHER ADVERSE EFFECTS:	N/A

Section 13. Disposal Considerations

Disposal Containers:	To comply with the regulations and prefectural orders in use. Throwing out 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 1197
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

Last Revised:	3/6/2023	Initial of Editor: SDR
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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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