



# LIBERTY NATURAL PRODUCTS, INC.

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

## Section 1. Product and Company Identification

<b>Product Name:</b>	Juniper Berry
<b>Product Code:</b>	855
<b>Description:</b>	Essential Oil of Juniper Berries
<b>Product Use:</b>	Industrial
<b>Manufacturer:</b>	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
<b>Emergency Phone:</b>	USA, Canada, Mexico: 1-800-535-5053 International: 1-352-323-3500

## Section 2. Hazards Identification

<b>Category:</b>	H226 Flammable liquid and vapor.
<b>Signal Word:</b>	Danger
<b>Ingestion:</b>	H302 Harmful if swallowed.
<b>Health Risks:</b>	N/A
<b>Eye Contact:</b>	H319 Causes serious eye irritation.
<b>Skin Contact:</b>	H315 Causes skin irritation. H317 May cause an allergic skin reaction.
<b>Environmental:</b>	H400 Very toxic to aquatic life. H410 Very 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 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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P303 + P361 + P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P330 Rinse mouth.  
P331 Do not induce vomiting.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P370 + P378 In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
P391 Collect spillage.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container to approved disposal site, in accordance with local regulations

### Section 3. Composition and Information on Ingredients

<b>Chemical Name:</b>	<i>Juniperus communis</i>
<b>Physical State:</b>	Liquid.
<b>CAS #:</b>	8002-68-4
<b>Impurities:</b>	None.
<b>Trade Secret Claim:</b>	None.

### Section 4. First Aid Measures

<b>Eyes:</b>	Rinse opened eye for at least 10 minutes under running water. If symptoms persist, consult a doctor.
<b>Skin Contact:</b>	Immediately wash with water and soap and rinse thoroughly. Apply protective bandage with sterile gauze. If skin irritation continues, consult a doctor.
<b>Inhalation:</b>	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
<b>Ingestion in excess:</b>	Rinse mouth. Do not induce vomiting – danger of aspiration. Immediately call a doctor.
<b>Emergency Care:</b>	Contact local emergency provider. For non-emergency, contact primary care provider.
<b>PPE:</b>	Gloves, lab coat or uniform, safety glasses, eyewash, safety shower.

### Section 5. Fire-Fighting Measures

<b>Flammability:</b>	Flammable.
<b>Extinguishing Media:</b>	SUITABLE: CO <sub>2</sub> , sand, extinguishing powder NON SUITABLE: Water.
<b>Special Fire-Fighting Procedure:</b>	None
<b>Unusual Fire and Explosion Hazards:</b>	Carbon oxides are produced when burning. 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.
<b>PPE and Precautions for Firefighters:</b>	Firemen must wear self-contained breathing apparatus.

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## Section 6. Accidental Release Measures

<b>Personal Precautions:</b>	Ensure adequate ventilation/exhaust extraction. Wear personal protective equipment. Avoid contact with skin and inhalation of its vapors or smoke.
<b>Environmental Precautions:</b>	Do not dispose in sewer or in any natural environment.
<b>Containment:</b>	Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas.
<b>Clean Up:</b>	Disposal must be made according to official regulations.

## Section 7. Handling and Storage

<b>Handling Precautions:</b>	Store in cool, dry place in tightly closed receptacles. Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Avoid formation of aerosols. Smoking, eating, drinking should be prohibited in application area. Handle with care. Avoid jolting, friction and impact.
<b>Storage Precautions:</b>	Store in sealed container protected from light and potential sources of ignition. Protect against electrostatic charges. Store in cool, dry conditions in well-sealed receptacles. Protect from heat and direct sunlight. Store receptacle in a well-ventilated area.
<b>Other:</b>	See Section 8

## Section 8. Exposure Controls/Personal Protection

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

## Section 9. Physical and Chemical Properties

<b>Appearance:</b>	Colorless to pale yellow liquid
<b>Upper/Lower Flammability:</b>	N/A
<b>Odor:</b>	Fresh, herbal, sweet
<b>Vapor Pressure:</b>	N/A
<b>Odor Threshold:</b>	N/A
<b>Vapor Density:</b>	N/A

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<b>pH:</b>	N/A
<b>Relative Density:</b>	N/A
<b>Melting Point:</b>	N/A
<b>Freezing Point:</b>	-4°F / -20°C
<b>Solubility:</b>	N/A
<b>Initial Boiling Point and Boiling Range:</b>	N/A
<b>Flash Point:</b>	100°F / 37.8°C
<b>Evaporation Rate:</b>	N/A
<b>Flammability Category:</b>	N/A
<b>Partition Coefficient:</b>	4.33 – 4.83
<b>Auto-ignition Temperature:</b>	N/A
<b>Decomposition Temperature:</b>	N/A
<b>Viscosity:</b>	N/A
<b>Specific Gravity:</b>	N/A

### Section 10. Stability and Reactivity

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

### Section 11. Toxicological Information

<b>Toxicological and Health Effects:</b>	Non toxic at established levels.
<b>Likely Routes of Exposure:</b>	Eyes, nose, mouth, skin.
<b>Signs and Symptoms of Exposure:</b>	See Section 2. Hazards Identification.
<b>LD50 (median lethal dose):</b>	(oral, rat) 5,000 mg/kg
<b>Listed NTP Carcinogen:</b>	N/A
<b>INGESTION:</b>	N/A

### Section 12. Ecological Information

<b>TOXICITY:</b>	See Section 2
<b>PERSISTENCE / DEGRADABILITY:</b>	This product is biodegradable
<b>BIOACCUMULATION POTENTIAL:</b>	No information available.
<b>RESULTS OF PBT AND vPvB ASSESSMENT:</b>	No information available.
<b>MOBILITY IN SOIL:</b>	No information available.
<b>OTHER ADVERSE EFFECTS:</b>	Not known.

### Section 13. Disposal Considerations

<b>Disposal Containers:</b>	Vapors may collect in empty containers. Rinse or evaporate thoroughly.
<b>Waste Disposal:</b>	Product is biodegradable.

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**Special Considerations:** Dispose of spill containment material in accordance with Federal, State, and local laws.

#### **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

#### **Section 16. Other Information**

**Last Revised:** 3/6/2023 **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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