



# LIBERTY NATURAL PRODUCTS, INC.

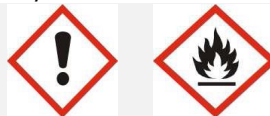
*The Source for the Finest  
Pure and Natural Botanical Oils and Extracts*

## Section 1. Product and Company Identification

**Product Name:** Juniper Whole  
**Product Code:** 2930  
**Description:** Essential Oil of Juniper  
**Product Use:** Cosmetic and Manufacturing  
**Manufacturer:** Liberty Natural Products, 20949 South Harris Rd, Oregon City, OR 97045  
**Emergency Phone:** Liberty Natural Products: (800) 289-8427

## Section 2. Hazards Identification

**Category:** H227 Combustible liquid  
**Signal Word:** Warning  
**Ingestion:** H305 May be harmful if swallowed and enters airways  
**Health Risks:** N/A  
**Eye Contact:** N/A  
**Skin Contact:** H315 Causes skin irritation  
**Environmental:** N/A  
**Pictograms:**



### PRECAUTIONARY STATEMENT:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P233 Keep container tightly closed  
P240 Ground/bond container and receiving equipment  
P241 Use explosion-proof electrical/ventilating/lighting/equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P264 Wash skin thoroughly after handling  
P270 Do not eat, drink or smoke when using this product  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P301 + 312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
P303 + 361 + 353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P330 Rinse mouth  
P370 + 378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction  
P403 + 235 Store in a well-ventilated place. Keep cool  
P501 Dispose of contents/container to an approved waste disposal plant

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### Section 3. Composition and Information on Ingredients

<b>Chemical Name:</b>	<i>Juniperus communis l.</i>
<b>Physical State:</b>	Liquid.
<b>CAS #:</b>	8012-91-7
<b>Impurities:</b>	None.
<b>Trade Secret Claim:</b>	None.

### Section 4. First Aid Measures

<b>Eyes:</b>	Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained.
<b>Skin Contact:</b>	Remove any contaminated clothing and footwear. Clean before re-use. Wash affected areas thoroughly with soap and water for at least 15 minutes. Contact a physician as necessary.
<b>Inhalation:</b>	Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician as necessary.
<b>Ingestion in excess:</b>	Do not induce vomiting. Wash out mouth with water and give water slowly to dilute (as much as person can comfortably drink) provided person is conscious. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Contact physician or local poison control center immediately. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
<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> , foam, dry chemical, universal-type foam. NON SUITABLE: Water.
<b>Special Fire-Fighting Procedure:</b>	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.
<b>Unusual Fire and Explosion Hazards:</b>	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. Wipe up small spills with cloth. Clean affected area with hot water and detergent.

## Section 7. Handling and Storage

**Handling Precautions:** Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals and at the end of the work period. Contaminated clothing and shoes should be cleaned before reuse.

**Storage Precautions:** Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep from extreme heat and away from ALL sources of ignition. Make sure the material does not come into contact with substances listed as "Materials to avoid"

**Other:** See Section 8

## Section 8. Exposure Controls/Personal Protection

**Engineering Controls:** Technical measures and the application of suitable work processes have priority over personal protection equipment.

**Respiratory Protection:** Ensure good workplace ventilation. If ventilation is insufficient, use NIOSH approved respiratory.

**Hand Protection:** Use chemical resistant gloves.

**Eye Protection:** Goggles giving complete protection to eyes.

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

**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. Use good industrial hygiene practices.

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OSHA Permissible Exposure Limits (PELs): >480 minutes (permeation: level 6)  
ACGIH Threshold Limit Values: N/A

### Section 9. Physical and Chemical Properties

**Appearance:** Clear or pale yellow mobile liquid.  
**Upper/Lower Flammability:** N/A  
**Odor:** Fresh, yet warm rich-balsamic, woody-sweet and pine needle-like odor.  
**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:** 155 °C @ 760 mm Hg  
**Flash Point:** 118 °C/244 °F  
**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:** 0.846-0.907 @ 20 °C

### Section 10. Stability and Reactivity

**Stability:** Chemically stable, hazardous material.  
**Avoid:** Excessive heat.  
**Incompatibility:** Strong acids, strong alkalis and oxidizing agents.  
**Hazardous Byproducts:** Hazardous combustion products: see section 5.  
**Other:** Carbon monoxide and unidentified organic compounds may be formed during combustion.

### 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):** 4990 mg/kg (Oral)  
28.0 mg/l (inhalation)  
**Listed NTP Carcinogen:** Not available  
**INGESTION:** N/A

### Section 12. Ecological Information

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<b>TOXICITY:</b>	Toxic to aquatic life with long lasting effects.
<b>PERSISTENCE/ DEGRADABILITY:</b>	Low persistence level and readily biodegradable.
<b>BIOACCUMULATION POTENTIAL:</b>	None established.
<b>RESULTS OF PBT AND vPvB ASSESSMENT:</b>	No information available.
<b>MOBILITY IN SOIL:</b>	Low mobility in the soil.
<b>OTHER ADVERSE EFFECTS:</b>	Avoid pollution to soil, rivers and the ocean.

### Section 13. Disposal Considerations

<b>Disposal Containers:</b>	It is a dangerous waste; only packaging which is approved (e.g. acc. to ADR) may be used.
<b>Waste Disposal:</b>	Place material and/or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations.
<b>Special Considerations:</b>	Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

### Section 14. Transport Information

<b>UN Number</b>	N/A
<b>UN Shipping Name:</b>	N/A
<b>Transport Hazard Class:</b>	N/A
<b>Packing Group Number:</b>	N/A
<b>Stowage and Handling:</b>	N/A

### Section 15. Regulatory Information

<b>Product Regulations:</b>	N/A
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### Section 16. Other Information

<b>Last Revised:</b>	1/17/2023	<b>Initial of Author:</b> SDR
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*This information is provided for documentation purposes only.*

*The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.*

*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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