



# LIBERTY NATURAL PRODUCTS, INC.

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

libertynatural.com

## Section 1. Product and Company Identification

<b>Product Name:</b>	Angelica Root
<b>Product Code:</b>	775
<b>Description:</b>	Essential Oil of Angelica Root
<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>	H304 May be fatal if swallowed and enters airways.
<b>Health Risks:</b>	N/A
<b>Eye Contact:</b>	N/A
<b>Skin Contact:</b>	H315 Causes skin irritation. H317 May cause an allergic skin reaction.
<b>Environmental:</b>	H410 Very toxic to aquatic life with long lasting effects.

### 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.
- P261 Avoid breathing vapor or dust.
- P264 Wash skin 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.
- P301 + 310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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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.

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 dry sand, dry chemical or alcohol-resistant 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 an approved waste disposal plant.

### Section 3. Composition and Information on Ingredients

**Chemical Name:** *Angelica archangelica*

**Physical State:** Liquid.

**CAS#:** 84775-41-7

**Impurities:** None.

**Trade Secret Claim:** None.

### Section 4. First Aid Measures

**Eyes:** Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained. Contact a physician as necessary.

**Skin Contact:** 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.

**Inhalation:** Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician as necessary.

**Ingestion in excess:** 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.

**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:** Not flammable.

**Extinguishing Media:** SUITABLE: CO<sub>2</sub>, sand, extinguishing powder  
NON SUITABLE: Water.

**Special Fire-Fighting Procedure:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Unusual Fire and Explosion Hazards:** Essential and vegetable oils have the potential to self-heat and contribute to spontaneous combustion when present

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on fabrics. Caution should be exercised in the storage and launder of fabrics exposed to oils.

**PPE and Precautions for Firefighters:** Wear proper protective equipment including self-contained breathing apparatus. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Carbon dioxide, carbon monoxide and unidentified compounds produced upon combustion.

## Section 6. Accidental Release Measures

**Personal Precautions:** Wear protective equipment including a self-contained breathing apparatus. Keep unprotected persons away. Keep away from ignition sources.

**Environmental Precautions:** Keep away from drains, surface and ground water. Report spills to appropriate authorities if required.

**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. Wipe up small spills with cloth. Clean affected area with hot water and detergent.

## Section 7. Handling and Storage

**Handling Precautions:** Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke while handling. Keep away from sources of ignition.

**Storage Precautions:** Store in tightly closed original container, in a cool, dry and ventilated area away from heat sources and protected from light. Keep air contact to a minimum.

**Other:** See Section 8

## Section 8. Exposure Controls/Personal Protection

**Engineering Controls:** Keep away from foodstuffs, beverages and feed. Avoid contact with the eyes. Handle in accordance with good industrial hygiene and safety procedures.

**Respiratory Protection:** Assure a good ventilation of work place. If ventilation is insufficient, use NIOSH approved respirator in confined areas or if ventilation is inadequate.

**Hand Protection:** Use of chemical resistant gloves is recommended.

**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 ventilation of the work place to reduce concentrations of the vapor and product.

**OSHA Permissible Exposure Limits (PELs):** N/A

**ACGIH Threshold Limit Values:** N/A

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## Section 9. Physical and Chemical Properties

<b>Appearance:</b>	Yellow to brown liquid
<b>Upper/Lower Flammability:</b>	N/A
<b>Odor:</b>	Woody and peppery
<b>Vapor Pressure:</b>	N/A
<b>Odor Threshold:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>pH:</b>	N/A
<b>Relative Density:</b>	N/A
<b>Melting Point:</b>	N/A
<b>Freezing Point:</b>	N/A
<b>Solubility:</b>	Insoluble
<b>Initial Boiling Point and Boiling Range:</b>	N/A
<b>Flash Point:</b>	134.6°F / 57°C
<b>Evaporation Rate:</b>	N/A
<b>Flammability Category:</b>	N/A
<b>Partition Coefficient:</b>	N/A
<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>	Chemically stable, nonhazardous material.
<b>Avoid:</b>	Avoid sparks, flame and other heat sources.
<b>Incompatibility:</b>	Strong acids, strong alkalis and oxidizing agents.
<b>Hazardous Byproducts:</b>	Carbon monoxide and unidentified organic compounds may be formed during combustion.
<b>Other:</b>	None

## Section 11. Toxicological Information

<b>Toxicological and Health Effects:</b>	Nontoxic at established levels.
<b>Likely Routes of Exposure:</b>	Eyes, nose, mouth, skin.
<b>Signs and Symptoms of Exposure:</b>	See section 2.
<b>LD50 (median lethal dose):</b>	N/A
<b>Listed NTP Carcinogen:</b>	N/A
<b>INGESTION:</b>	Can be noxious

## Section 12. Ecological Information

<b>TOXICITY:</b>	Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.
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<b>PERSISTENCE / DEGRADABILITY:</b>	Low persistence level and readily biodegradable.
<b>BIOACCUMULATION POTENTIAL:</b>	No information available.
<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>	Not known.

### Section 13. Disposal Considerations

<b>Disposal Containers:</b>	Vapors may collect in empty containers. Rinse or evaporate thoroughly.
<b>Waste Disposal:</b>	Place material and/or absorbent, clean-up material into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local authority advice.
<b>Special Considerations:</b>	Dispose of spill containment material in accordance with Federal, State, and local laws.

### Section 14. Transport Information

<b>UN Number:</b>	UN1197
<b>UN Shipping Name:</b>	Extracts, liquid for flavour or aroma
<b>Transport Hazard Class:</b>	3
<b>Packing Group Number:</b>	III
<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>	3/6/2023	<b>Initial of Editor:</b> 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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