



# LIBERTY NATURAL PRODUCTS, INC.

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

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## Section 1. Product and Company Identification

**Product Name:** Astragalus Root  
**Product Code:** 657  
**Description:** Alcohol Tincture  
**Product Use:** Industrial  
**Manufacturer:** Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045  
(800) 289-8427  
**Emergency Phone:** U.S. Poison Control: (800) 222-1222

## Section 2. Hazards Identification

**Category:** H226 Flammable liquid and vapor.  
**Signal Word:** Warning  
**Ingestion:** N/A  
**Health Risks:** N/A  
**Eye Contact:** H320 Causes eye irritation.  
**Skin Contact:** H317 May cause an allergic skin reaction.  
**Environmental:** N/A  
**Pictograms:**



PRECAUTIONARY STATEMENT: N/A

## Section 3. Composition and Information on Ingredients

**Chemical Name:** *Astragalus Membranaceus*  
**Physical State:** Liquid.  
**Ingredients:**

	CAS#:	Content:
Ethanol	64-17-5	40 - 45%
Astragalus Root Powder	941166-93-5	~13.5%

**Impurities:** None.  
**Trade Secret Claim:** None.

## Section 4. First Aid Measures

**Eyes:** Rinse eyes immediately with running water at low pressure.  
Consult an ophthalmologist.  
**Skin Contact:** Wash area liberally with water.

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<b>Inhalation:</b>	Relocate to fresh air; give artificial respiration if not breathing. Seek medical assistance as needed.
<b>Ingestion in excess:</b>	Do not try to induce vomiting. Rinse mouth. Consult a doctor never give anything by mouth to a person who is unconscious or having convulsions. Seek medical assistance as needed.
<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: CO2 foam, dry chemical. NON SUITABLE: Water.
<b>Special Fire-Fighting Procedure:</b>	None
<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.
<b>PPE and Precautions for Firefighters:</b>	May burn with near invisible flame. Use grounded containers.

### Section 6. Accidental Release Measures

<b>Personal Precautions:</b>	Follow company emergency procedures. Wear protective equipment and keep away from ignition sources. Ensure area is well ventilated.
<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. Recover in a tightly sealed container. Wash with plenty of water after complete elimination of the product.

### Section 7. Handling and Storage

<b>Handling Precautions:</b>	Keep container closed after using.
<b>Storage Precautions:</b>	Store in sealed container, Keep away from humidity in a fresh place. Keep container closed after using.
<b>Other:</b>	See Section 8

### Section 8. Exposure Controls/Personal Protection

<b>Engineering Controls:</b>	Keep away from food and beverages. Avoid contact with eyes.
<b>Respiratory Protection:</b>	Assure a good ventilation of work place.
<b>Hand Protection:</b>	Plastic or synthetic rubber impermeable gloves.

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<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>	Follow your company policy.
<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>	Yellow viscous liquid
<b>Upper/Lower Flammability:</b>	N/A
<b>Odor:</b>	Earthy and nutty
<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>	Soluble in water, methanol, diethyl ether, acetone
<b>Initial Boiling Point and Boiling Range:</b>	N/A
<b>Flash Point:</b>	N/A
<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>	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>	Aspiration hazard.
<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>	N/A
<b>Listed NTP Carcinogen:</b>	Not classified as a human carcinogen.

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## Section 12. Ecological Information

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

## Section 13. Disposal Considerations

<b>Disposal Containers:</b>	To comply with the regulations and prefectural orders in use. Throwing out forbidden. Packaging must be well emptied.
<b>Waste Disposal:</b>	N/A
<b>Special Considerations:</b>	Must be specially treated adhering to official regulations.

## Section 14. Transport Information

<b>UN Number:</b>	UN 1293
<b>UN Shipping Name:</b>	Tincture, Medicinal
<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>	1/29/2021	<b>Initial of Editor:</b> SAM
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*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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