



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:	Sage Dalmatian
Product Code:	911
Description:	Essential Oil of Dalmatian Sage
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:	H304 May be fatal if swallowed and enters airways.
Health Risks:	H371 May cause damage to organs.
Eye Contact:	H319 Causes eye irritation.
Skin Contact:	H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction.
Environmental:	H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

Pictograms:



PRECAUTIONARY STATEMENT:

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof (electrical/ventilating/lighting) equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharges.
- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P264 Wash thoroughly after handling.

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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/eye protection/face protection.
 P301 + 310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P303 + 361 + 353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).
 P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308 + 311 IF exposed or concerned: Call a POISON CENTER/ doctor.
 P312 Call a POISON CENTER/ doctor if you feel unwell.
 P321 Specific treatment (see on this label).
 P331 Do NOT induce vomiting.
 P333 + 313 If skin irritation or rash occurs: Get medical advice/attention.
 P337 + 313 If eye irritation or rash occurs: Get medical advice/attention.
 P362 + 364 Take off contaminated clothing and wash it before reuse.
 P370 + 378 In case of fire: Use for extinction: CO₂, powder or water spray.
 P391 Collect spillage.
 P403 + 235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3. Composition and Information on Ingredients

Chemical Name:	<i>Salvia officinalis</i>
Physical State:	Liquid.
CAS #:	8022-56-8
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:	Take off immediately all contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation develops and persists.
Inhalation:	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Consult a physician/ doctor.
Ingestion in excess:	Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.
Emergency Care:	Contact local emergency provider. For non-emergency, contact primary care provider. Most important symptoms and effects, both acute and delayed. May produce an allergic reaction.

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PPE: Gloves, lab coat or uniform, safety glasses, eyewash, safety shower.

Section 5. Fire-Fighting Measures

Flammability: Flammable.

Extinguishing Media: SUITABLE: Fog, CO₂, dry chemical, or alcohol resistant foam
NON SUITABLE: Water.

Special Fire-Fighting Procedure: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighter's protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.

Unusual Fire and Explosion Hazards: During heating or in case of fire poisonous gases are produced. Carbon oxides are produced when burning. Vapor may travel to source of ignition and flash back. Vapor may settle low or in confined spaces. May produce a floating fire hazard. Static ignition hazard can result from handling and use. 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: Static charges generated by emptying package in or near flammable vapor may cause flash fire. Use water spray to cool unopened containers. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

Section 6. Accidental Release Measures

Personal Precautions: Keep unnecessary personnel away. Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid release to the environment. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water. Retain and dispose of contaminated wash water. Contact local authorities in case of spillage to drain/aquatic environment.

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Containment:	Absorb with liquid-binding material (clay, diatomite, acid binders, universal binders, sawdust, sand, or other non-combustible material). Prevent entry into waterways, sewers, and confined areas.
Clean Up:	Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Ensure adequate ventilation. Dispose contaminated material as hazardous waste. If spill is small, wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste.

Section 7. Handling and Storage

Handling Precautions:	Avoid contact with eyes and mucous. Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.
Storage Precautions:	Store in a cool, well-ventilated area. Keep container tightly sealed. Store separated from foodstuff or animal food and oxidizing agents. Protect from heat and direct sunlight. Recommended storage condition 18-25° C.
Other:	See Section 8

Section 8. Exposure Controls/Personal Protection

Engineering Controls:	Exhaust ventilation or other engineering controls to keep vapor concentration below their respective threshold limit value. Ensure eyewash stations and safety showers are proximal to the work station. Use explosion-proof ventilation equipment to stay below exposure limits.
Respiratory Protection:	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Hand Protection:	Plastic or synthetic rubber impermeable gloves. Chemical resistant gloves.
Eye Protection:	Goggles giving complete protection to eyes. Eyewash bottle with clean water.

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Skin and Body Protection:	Clothes for chemical protection to avoid contact. Use of an impervious apron is recommended. Wear appropriate thermal protective clothing, when necessary
Ingestion:	Do not eat, drink and smoke while using
Industrial Hygiene:	When using, do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.
OSHA Permissible Exposure Limits (PELs):	N/A
ACGIH Threshold Limit Values:	N/A

Section 9. Physical and Chemical Properties

Appearance:	Pale yellow to yellow liquid
Upper/Lower Flammability:	Will ignite if moderately heated
Odor:	Fresh, aromatic, herbaceous, spicy
Vapor Pressure:	0.1 - 5.4 hPa
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:	372.74°F / 189.3°C
Flash Point:	131°F / 55°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:	N/A

Section 10. Stability and Reactivity

Stability:	Stable under normal circumstances. Avoid heat and ignition sources.
Avoid:	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatibility:	Strong oxidizing agents.
Hazardous Byproducts:	None in normal conditions

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Other: No hazardous decomposition products if stored and handled as indicated.

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:	Skin irritation. May cause redness and pain. May cause an allergic skin reaction, dermatitis or rash.
LD50 (median lethal dose):	(oral, rat) 2,600 ml/kg
Listed NTP Carcinogen:	Based on available data, the classification criteria are not met.
INGESTION:	Can be noxious

Section 12. Ecological Information

TOXICITY:	Harmful to aquatic life with long lasting effects.
PERSISTENCE / DEGRADABILITY:	No data is available on the degradability of this product.
BIOACCUMULATION POTENTIAL:	No information available.
RESULTS OF PBT AND vPvB ASSESSMENT:	This product is not a PBT or a vPvB
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13. Disposal Considerations

Disposal Containers:	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
Waste Disposal:	Must not be disposed together with household garbage. Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. Waste disposal by ignition in accordance with international, national and local regulations. Packaging, waste product and materials used for absorbing spills should be disposed of in the same manner as the substance.

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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

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This information is provided for documentation purposes only.

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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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