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LIBERTY NATURAL PRODUCTS, INC.

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

Section 1. Product and Company Identification

Product Name:	Helichrysum Rambiagina
Product Code:	925
Description:	Essential Oil of Helichrysum
Product Use:	Cosmetic and Manufacturing
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:	Danger
Ingestion:	H304 May be fatal if swallowed and enters airways. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Health Risks:	N/A
Eye Contact:	N/A
Skin Contact:	H317 May cause an allergic skin reaction.
Environmental:	H401 Toxic to aquatic life. H411 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 dust/fume/gas/mist/vapors/spray.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P285 In case of inadequate ventilation wear respiratory protection.
- P301 + 310 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.

P304 + 341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P331 Do NOT induce vomiting.

P342 + 311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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: *Helichrysum Gymnocephalum*

Physical State: Liquid.

CAS #: 8023-95-8

Impurities: None.

Trade Secret Claim: None.

Section 4. First Aid Measures

Eyes: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor immediately.

Skin Contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Inhalation: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Ingestion in excess: Do not try to induce vomiting. Rinse mouth. Seek medical advice immediately.

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: Flammable.

Extinguishing Media: SUITABLE: CO₂, foam, dry chemical.
NON SUITABLE: Water.

Special Fire-Fighting Procedure: Avoid vapor inhalation. Keep away from sources and ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing. 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.

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Unusual Fire and Explosion Hazards:	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. Nature of decomposition products not known.
PPE and Precautions for Firefighters:	May produce toxic fumes of carbon monoxide if burning.

Section 6. Accidental Release Measures

Personal Precautions:	Avoid inhalation & direct contact with skin, 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. Observe state, federal & local disposal regulations.

Section 7. Handling and Storage

Handling Precautions:	Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Wash hands before breaks and after work. Keep away from food, drink and animals. When using do not smoke.
Storage Precautions:	Store in sealed container, keep container closed after using. Keep air contact to a minimum. Recommended storage temperature: 15 - 25 °C.
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:	Avoid breathing product vapor. Ensure good ventilation of working area.
Hand Protection:	Plastic or synthetic rubber impermeable gloves. Use solvent and acid resistant protection gloves.
Eye Protection:	Goggles giving complete protection to eyes.
Skin and Body Protection:	A chemical protective suit may be required depending on the amount of hazardous substances handled at the workplace.

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

Section 9. Physical and Chemical Properties

Appearance:	Yellow to red mobile liquid
Upper/Lower Flammability:	N/A
Odor:	Powerful rich, honey-like scent with a delicate tea-like undertone
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:	537°F / 281°C
Flash Point:	125°F / 51.7°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:	0.805 – 1.005 at 25°C

Section 10. Stability and Reactivity

Stability:	The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Avoid:	Excessive heat, flames, sparks, incompatible materials
Incompatibility:	Strong acids, alkali or oxidizing agents
Hazardous Byproducts:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & non-identified organic compounds may be formed.
Other:	Temperatures more than room temperature will benefit the transfer from liquid to vapor phase and formation of explosive atmospheres. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.

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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:	Stomach and intestine irritation, nausea, vomiting. Allergic skin reactions. Redness and irritation.
LD50 (median lethal dose):	N/A
Listed NTP Carcinogen:	N/A
INGESTION:	N/A

Section 12. Ecological Information

TOXICITY:	Toxic to aquatic life with long lasting effects.
PERSISTENCE / DEGRADABILITY:	No information available.
BIOACCUMULATION POTENTIAL:	May cause long-term adverse effects in the aquatic environment. Marine pollutant
RESULTS OF PBT AND vPvB ASSESSMENT:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	No information available.

Section 13. Disposal Considerations

Disposal Containers:	Hazardous waste; only packaging which is approved (e.g. acc. to ADR) may be used.
Waste Disposal:	Do not empty into drains. Avoid release to the environment.
Special Considerations:	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

UN Number:	UN 1169
UN Shipping Name:	Extracts, Aromatic, Liquid
Transport Hazard Class:	3
Packing Group Number:	III
Stowage and Handling:	N/A

Section 15. Regulatory Information

Product Regulations:	N/A
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Section 16. Other Information

Last Revised:	1/21/2021	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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