

# ***Majestic Mountain Sage, Inc.***

## MATERIAL SAFETY DATA SHEET

**Identity: Glycerin Natural 99.5% USP**

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### SECTION I

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**Company Name:** Majestic Mountain Sage, Inc.  
**Address:** 918 West 700 North Ste 104, Logan UT 84321  
**Telephone:** 435.755.0863  
**Date Prepared:** January 26, 1998

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### SECTION II: Composition / Ingredient Information

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**Specific Chemical Identity:**

<b>(Common Name)</b>	<b>CAS Number</b>	<b>% by Weight</b>
Glycerine	56-81-5	100.0

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### SECTION III: Physical/Chemical Characteristics

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**Boiling Point:** 554.0 F  
**Vapor Pressure:** < 1.000 mmHg @ 68 F  
**Vapor Density (air = 1):** 3.10  
**Specific Gravity (H<sub>2</sub>O=1):** 1.263 @ 68 F  
**Solubility in Water:** Soluble  
**Appearance and Odor:** Clear, syrupy liquid  
**Evaporation Rate (Butyl Acetate = 1):** <1  
**NFPA Hazard Rating:** Health: 1  
Flammability: 1  
Reactivity: 0

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### SECTION IV: Fire and Explosion Hazard Data

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**Flash Point (method):** 390°C TCC  
**Explosive Limit:** Not applicable  
**Auto Ignition Temperature:** 698.0 F  
**Extinguishing Media:** alcohol foam, water fog, carbon dioxide, dry chemical

**Special Fire Fighting Procedures:** Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

**Unusual Fire and Explosion Hazards:** No special fire hazards are known to be associated with this product.

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#### SECTION V: Reactivity Data

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**Stability:**  Stable  Unstable

**Incompatibility (materials to avoid):** Strong oxidizing agents

**Hazardous Decomposition or By Products:** May form acrolein, carbon dioxide and carbon monoxide.

**Hazardous Polymerization:**  May occur  Will not occur

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#### SECTION VI: Health Hazard Data

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**Eye:** May cause mild eye irritation. Symptoms include stinging, tearing and redness.

**Skin:** May cause mild skin irritation. Prolonged or repeated contact may dry the skin.

Symptoms may include redness, burning, drying, cracking of the skin and skin burns.

**Inhalation:** Breathing of vapor or mist is possible.

**Ingestion:** Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

**Symptoms of Exposure:** Signs and symptoms of exposure to this material through breathing, swallowing, and or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways).

**Carcinogenicity:** None

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions).

**Emergency and First aid Procedures:**

**Eyes:** If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

**Skin:** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Swallowing:** Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advise about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

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#### SECTION VII: Precautions for Safe Handling and Use

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**Steps to be taken in case material is released or spilled:** Absorb liquid on vermiculite, floor absorbent or other absorbent material. Dispose of material. **Large spill:** Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into container.

**Waste Disposal Method:** Dispose of in accordance with local, state and federal regulations.

**Precautions to be taken in handling and storing:** Keep away from fire or open flames. Do not overheat. If product begins to smoke, reduce heat.

**Other Precautions:** Consult federal and/or local authorities for approved disposal procedures.

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#### SECTION VIII: Control Measures

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**Respiratory Protection:** Not necessary under normal conditions of use.

**Ventilation:**

**Local Exhaust:** Normal ventilation, mechanical (general)

**Special:** If product is used at elevated temperatures, a fume collection system is suggested.

**Protective Gloves:** Required for safety protection

**Other Protective Clothing and Equipment:** Evaluate need based on particular application.

**Work/Hygienic Practice:** Normal work and hygienic practices for handling non-hazardous liquid material.

*NOTE: The information in this MSDS is compiled from sources considered to be accurate to the best of our knowledge and applies to activities within the scope of the intended use of the product as a vegetable/seed oil. No warranty is expressed or implied with respect to completeness or continuing accuracy of the information given here. User should satisfy themselves that they have all current data relevant to their particular use.*