



Safety Data Sheet

Glycine

SECTION 1. IDENTIFICATION

Product Identifier	Glycine
Other Means of Identification Recommended	None
Use Restrictions on Use	Plant protectant / biostimulant
Supplier Identifier	None Known
Emergency Phone Number	Silver Fern Chemical, Inc. 121 W. De La Guerra Street, Suite B Santa Barbara, CA 93101 Customer Service: 1-866-282-3384, info@silverfernchemical.com
Emergency Phone Number	Infotrac 800-535-5053, Outside USA & Canada 352-323-3500

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification	Not Classified
Label Elements	None
Signal Word	Caution
Hazard Statements	
Precautionary Statements	Product contains soy. Adverse reactions may occur in sensitive persons.
Prevention	Keep out of reach of children and animals. Wear dust mask and protective gloves.
Response	If skin contact occurs, wash with soap and water. If allergic reaction occurs, seek medical attention.
Storage	Store in a dry, well ventilated location.
Disposal	Dispose of contents and container in accordance with local, regional, and national regulations.
Other Hazards	None known

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

No hazardous ingredients.

SECTION 4. FIRST AID MEASURES

Immediately contact a health care provider if exposed, concerned, or feeling unwell.

Following Inhalation	Move to fresh air.
Following Skin Contact	Wash thoroughly with water.
Following Eye Contact	Rinse immediately with adequate water for at least 15 minutes.
Following Ingestion	Rinse mouth and drink plenty of water. Do not induce vomiting.



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Most Important Symptoms and Effects, Acute and Delayed

None known

Immediate Medical Attention and Special Treatment

None known

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media

Use dry chemical, water spray jet. Standard procedure for chemical fires.

Specific Hazards Arising from the Product

Hazardous decomposition products such as carbon and nitrogen oxides may be formed in fire. Dust can form an explosive mixture in the air.

Special Protective Equipment and Precautions for Fire Fighters

Wear self-contained breathing apparatus and protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use standard safe work procedures, including the use of protective clothing, gloves, eye and respiratory protection. Avoid inhalation, ingestion and contact with skin and eyes. Avoid dust formation.

Environmental Precautions

Avoid release to water sources.

Methods and Material for Containment and Clean Up

Wear protective clothing, gloves, eye and respiratory protection. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. After cleaning, flush away traces with water. Soak up condensate with inert material and collect for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Use standard safe work procedures, including the use of protective clothing, gloves, eye and respiratory protection. Avoid dust formation. Avoid inhalation, ingestion and contact with eyes or skin.

Conditions for Safe Storage

Keep out of reach of children. Store in a dry, well ventilated location.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

None known.

Appropriate Engineering Controls

Ensure adequate ventilation.



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Individual Protection Measures

Eye/Face Protection

Safety glasses recommended.

Skin Protection

Protective clothing and gloves recommended.

Respiratory Protection

Respiratory protection recommended.

Work Practices

Use standard safe work procedures.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder
Odour	Sharp
Odour Threshold	Not available
pH	6.0-8.0 in 1% solution
Melting/Freezing Point	290°C / 554°F
Initial Boil Point/Range	375.°C / 708°F
Flash Point	Not available
Evaporation Rate	Not applicable
Flammability (Solid, Gas)	Not available
Upper/Lower Flammability or	
Exposure Limits	Not available
Vapour Pressure	Not applicable
Vapour Density (air=1)	Not applicable
Relative Density (water=1)	0.653 – 0.799 g/ml
Solubility	Soluble
Partition Coefficient, n-octanol/	
Water (Log/Kow)	Not available
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity

This product is stable and non-reactive under normal conditions of storage, use and transport.

Chemical Stability

This product is stable and non-reactive under normal conditions of storage, use and transport. Moisture sensitive.

Possibility of Hazardous Reactions

Dust can form an explosive mixture in the air.

Conditions to Avoid

Heat, flames and sparks.

Incompatible Materials

Strong acids and strong bases, oxidizing agents

Hazardous Decomposition Products

Hazardous decomposition products such as carbon and nitrogen oxides may be formed in fire.

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SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Product contains soy. Adverse reactions may occur in sensitive persons.

Inhalation	May cause irritation.
Skin Contact	May cause irritation.
Eye Contact	May cause irritation.
Ingestion	May cause irritation.

SECTION 12. ECOLOGICAL INFORMATION

Eco Toxicity	Avoid release to water sources.
Persistence and Degradability	Not available.
Bioaccumulative Potential	Not available.
Mobility in Soil	Not available.
Other Adverse Effects	None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Rinse packaging and dispose of packaging and product in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT regulations.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are either listed on the DSL/NDSL or exempt.

USA

Toxic Substances Control Act (TSCA)

Ingredients are either listed on the TSCA Inventory or exempt.

SECTION 16. OTHER INFORMATION

DISCLAIMER OF RESPONSIBILITY

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