



Safety Data Sheet

Hazard Information

Hazard information is provided for compliance with both the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations and the US Hazard Communication Standard (HCS).

Chemical and Company Identification

Product name	Product code	
Glycine	GR125-1	<i>For research use only.</i>

Supplier

Hoefer, Inc.
84 October Hill Road, Suite 10
Holliston, MA 01746
Phone: 800-227-4750
508-893-8999

Emergency Contact

ChemTel Inc.
800-255-3924 (North America) +1-813-248-0585 (International)
1-300-954-583 (Australia) 0-800-591-6042 (Brazil)
000-800-100-4086 (India) 400-120-0751 (Peoples Republic of China)
800-099-0731 (Mexico)

Composition / Ingredients

Hazard	CAS No.	EC No.	%WT	Molecular Formula	Molecular Weight
Glycine	50-40-6	200-272-2	99+	C ₂ H ₅ NO ₂	75.07 g/mol

Hazards Identification

GHS Classification: Not dangerous according to GHS.

Potential Health Effects:

Target Organs: None known.

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: May cause irritation. May be harmful.

Ingestion: May be harmful if swallowed.

Chronic Health Hazards: Not available.

First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

Skin: Flush area immediately with plenty of soap and water.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respirations. Get medical attention if symptoms persist.

Ingestion: Wash mouth with water.

Fire-Fighting Measures

General Information: Always wear full protective gear in the event of a fire. Toxic gases and vapors may be generated by decomposition or combustion. Excessive dust in combination with air can create an explosive mixture.

Flammable: No

Flash Point: N/A

Autoignition Temperature: N/A

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Explosion Data: Not available.

Accidental Release Measures

Ventilate the area. Wear appropriate protective equipment. Collect with an electrically protected vacuum cleaner and place in container for disposal according to local regulations.

Handling and Storage

Handling: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Minimize dust generation

Storage Conditions: Room temperature

Exposure Controls/Personal Protection

Exposure limits: None listed.

Use adequate ventilation. Avoid dust generation. Wear appropriate protective equipment to prevent eye and skin exposure. Wear appropriate respirator to prevent lung irritation.

Personal protective Equipment: Lab coat, safety goggles, rubber gloves

Ventilation: Use appropriate exhaust ventilation.

Respiratory Protection: Use OSHA/MSHA approved dust masks.

Physical and Chemical Properties

Physical State: Solid

Appearance and Odor: White powder, no odor

Freezing/Melting Point: 233 to 236°C

Boiling Point: N/A

Specific Gravity: N/A

Vapor Density: N/A

Water Solubility: Soluble

pH: N/A

Stability and Reactivity

Stability: Stable at normal temperatures and pressure.

Conditions to Avoid: Dust generation, excess heat

Incompatibility Strong oxidizing agents

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide

Hazardous Polymerization: Will not occur.

Toxicological Properties

Exposure Limits:

LD₅₀/LC₅₀:

Oral, mouse LD₅₀: 4900 mg/kg

Oral, rat LD₅₀: 7900 mg/kg

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.

Neurotoxicity: No data available.

Mutagenicity: No data available.

Carcinogenicity: Not listed by ACGIH, IARC, NTP, or OSHA

Ecological Information

Toxicity: No information found.

Disposal Considerations

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial, and local regulations.

Transportation Information

Shipping Information:

US DOT: Not regulated.

IMDG: Not regulated.

IATA: Not regulated.

Regulatory Information

US: TSCA, listed

European/International: Do not breathe dust. Avoid contact with skin and dust.

Canada: GHS, not controlled

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.

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