

1. IDENTIFICATION:

Product Name: GLYCINE REAGENT
Synonyms: N/A
CAS Number: Mixture
Catalog Numbers: 70874
Product Use: Analytical / Laboratory Reagent
Manufacturer: HF Scientific, Inc
Address: 3170 Metro Parkway Fort Myers, Fl 33916

General Information: 888-203-7248
Transportation Emergency Number: CHEMTREC® 24 hr US 800-424-9300
 CHEMTREC® 24 hr International 703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification

Health	Environmental	Physical
Acute toxicity: Category 5 Skin irritation: Category 3 Eye irritation: Category 2B	Aquatic toxicity: None	Flammable Liquid: No

GHS Label

Pictogram: None	Signal Word: WARNING
Hazard Statements: May Be harmful if swallowed. May be harmful in contact with skin Causes mild skin irritation Causes eye irritation	Precautionary Statements: IF IN EYES immediately flush with water for 15 minutes. Call a physician if irritation develops.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Cas Number	Weight %
Glycine	56-40-6	90%
Water	7732-18-5	10%

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for 15 minutes. Call a physician if irritation develops.
Skin Contact: Wash skin with plenty of water
Inhalation: None required
Ingestion: Give large amounts of water. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Suitable to cause of fire
Fire Fighting Procedures: Wear self contained breathing apparatus for fire fighting if necessary.
Unusual Fire and Exposure Hazards: None
Combustion Products: None
NFPA Classification HEALTH: 1 **FLAMMABLE:** 1 **REACTIVITY:** 0

6. ACCIDENTAL RELEASE MEASURES

Flush reacted material to the drain with a large excess of water. Decontaminate the area of the spill with a soap solution.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes. Wash thoroughly after handling. Maintain general industrial hygiene practices when using this product.
Storage: Store at room temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: N/A
Engineering Controls: General mechanical ventilation satisfactory in normal use.
Personal Protective Equipment:
Eyes: Wear safety glasses with top and side shields
Skin: Wear disposable latex gloves
Respiratory: Not required in normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint: N/A
Autoignition Temperature: N/A
Boiling Point: 100°C
Melting Point: N/A
Vapor Pressure: Not determined

Vapor Density: Not determined
% Solubility in Water: Miscible

Pour Point: N/A
Molecular Formula: Mixture
Odor / Appearance: Clear, odorless liquid

Lower Flammability Limit: N/A
Upper Flammability Limit: N/A
Specific Gravity: 1.038 @ 25°C
% Volatile: Not determined
Evaporation Rate (Water=1): Not determined
Viscosity: Not determined
Octanol / Water Partition Coefficient: N/A
pH: N/A
Molecular Weight: Mixture

10. STABILITY AND REACTIVITY

Stability / Incompatibility: Stable when store under proper conditions. Avoid extreme temperatures. Incompatible with oxidizers.
Hazardous Reactions / Decomposition Products: Toxic fumes of nitrogen oxides, carbon dioxide and carbon monoxide. Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Symptoms of Overexposure: Slight skin irritation, eyes irritation, gastrointestinal irritation.
Acute Effects: Slight skin irritation, eyes irritation, gastrointestinal irritation.
Eye Contact: Causes eye irritation
Skin Contact: Slight skin irritations
Inhalation: None
Ingestion: Gastrointestinal irritation
Target Organs Effects: None reported
Chronic Effects: None reported
Medical Conditions Aggravated by Exposure: None reported
Acute Toxicity Values: N/A

12. ECOLOGICAL INFORMATION

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The product itself and the products of degradation are not toxic.

13. DISPOSAL CONSIDERATIONS

Dispose in a manner consistent with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

US DOT (United States Department of Transportation): N/A
IATA (International Air Transport Association): N/A
IMO (International Maritime Organization): N/A

15. REGULATORY INFORMATION

CERCLA: N/A
SARA/Title III: N/A
TSCA Inventory: 8(b) Glycine
Cal. Proposition 65: N/A
WHMIS: N/A
DSL: N/A
NDSL: N/A

16. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.