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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION: GLYCINE REAGENT

Catalog Number: HF Scientific - 70874

PRODUCT USE: Analytical / Laboratory Reagent

NFPA RATINGS: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

2. HAZARDS IDENTIFICATION

TARGET ORGANS: None Reported

ACUTE TOXICITY: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

CHRONIC TOXICITY: None reported

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Reported

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	Percent
GLYCINE	90%
CAS NUMBER: 56-40-6	

WATER	10%
CAS NUMBER: 7732-18-5	

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

FLASH POINT: N/A AUTOIGNITION POINT: N/A

FLAMMABILITY LIMITS: UPPER: N/A LOWER: N/A

EXTINGUISHING MEDIA: Suitable to cause of fire

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

Avoid contact with eyes. Do not breathe dust. Wash thoroughly after handling. Maintain general industrial hygiene practices when using this product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Not required in normal use.

Ventilation Systems: General mechanical ventilation satisfactory in normal use.

Skin Protection: Wear disposable latex gloves.

Eye Protection: Wear safety glasses with top and side shields.

Other Protective Equipment: Maintain eye wash fountain and quick-drench facilities in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (F):	100° C
Solubility In Water:	Miscible
Vapor Pressure (mm Hg):	Not determined
Appearance And Odor:	Clear, colorless, odorless solution
Melting Point:	Not determined
Vapor Density (Air=1):	Not determined
Specific Gravity:	1.038 @ 25°C
Percent Volatile By Vol:	Not determined
Evaporation Rate:	Not determined

10. STABILITY AND REACTIVITY

Stability: Stable when stored under proper conditions.

Conditions To Avoid: Extreme temperatures

Incompatibilities: Incompatible with: oxidizers

Hazardous Decomposition Products: Toxic fumes of: nitrogen oxides, carbon dioxide, and carbon monoxide

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Route of Exposure: Inhalation, Contact, Ingestion

Teratogen Status: None Reported

Mutagen Status: None Reported

Reproductive Toxicity: None reported

Carcinogen Status: NTP Listed: No

IARC Monographs: No

OSHA Regulated: No

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not a DOT controlled material (United States).

15. REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Glycine

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

This product is not classified according to the EU regulations. Not applicable. HMIS.

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.