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FLINN SCIENTIFIC

SDS #: 374
Revision Date: February 6, 2014

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Glycine Safety Data Sheet (SDS)

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Glycine

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261
Chemtrec Emergency Phone Number: (800) 424-9831
Signal Word
N/A
SECTION 2 — HAZARDS IDENTIFICATION
This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution.

Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

Product should be treated as a chemical and is not for topical as it has been stored with other nonfood-grade chemicals.

Pictograms

SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Glycine	56-40-6	NH_2CH_2COOH	75.05	

Synonyms: 2-Aminoacetic acid

SECTION 4 — FIRST AID MEASURES
Call a POISON CENTER or physician if you feel unwell or if irritation occurs.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
If on skin: Wash with plenty of water.
If swallowed: Rinse mouth. Call a POISON CENTER or physician if you feel unwell.
SECTION 5 — FIRE FIGHTING MEASURES
Nonflammable; noncombustible solid.
When heated to decomposition, may emit toxic fumes.
In case of fire: Use a tri-class dry chemical fire extinguisher.
NFPA Code
None established
SECTION 6 — ACCIDENTAL RELEASE MEASURES
Wipe up the spill, place in a sealed bag or container, and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.
SECTION 7 — HANDLING AND STORAGE
Flinn Suggested Chemical Storage Pattern: Organic #1. Store with acids, anhydrides and peracids.
Store in a cool, dry place.
SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION
Avoid contact with eyes. Wash hands thoroughly after handling.
SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES
White, crystalline powder. Odorless.
Soluble: Water. Insoluble in alcohol.
Melting point: 232-236 °C (decomposes)
Specific gravity: 1.6
SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with strong oxidizers.
Shelf life: Indefinite, if stored properly.
SECTION 11 — TOXICOLOGICAL INFORMATION
Acute effects: N.A.
Chronic effects: N.A.
Target organs: N.A.
ORL-RAT LD_{50}: 7930 mg/kg
IHL-RAT LC_{50}: N.A.
SKN-RBT LD_{50}: N.A.
SECTION 12 — ECOLOGICAL INFORMATION
Data not yet available.
SECTION 13 — DISPOSAL CONSIDERATIONS
Please review all federal, state and local regulations that may apply before proceeding.
Flinn Suggested Disposal Method #26a is one option.
SECTION 14 — TRANSPORT INFORMATION
Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.
SECTION 15 — REGULATORY INFORMATION
TSCA-listed, EINECS-listed (200-272-2).
SECTION 16 — OTHER INFORMATION

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N.A. = Not available, not all health aspects of this substance have been fully investigated.

N/A = Not applicable

Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.

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