

Glute Out II

An environmentally friendly neutralizer for Glutaraldehyde and OPA

PCI
MEDICAL

PO Box 188 • Deep River, CT 06417 • Tel: 800-862-3394 • Fax: 860-526-3081

MATERIAL SAFETY DATA

EMERGENCY CONTACTS:

(603) 888-2320 Hampshire Emergency Center, Nashua, NH, USA
1-800-424-9300 CHEMTREC® (US, Canada, Puerto Rico, Virgin Islands)
(703) 527-3887 CHEMTREC® (For all other countries; collect calls accepted.)

PRODUCT IDENTIFICATION

IDENTITY: **GLYCINE**
CHEMICAL DESCRIPTION: Aminoacetic acid, crystals
SYNONYMS: Glycine, glycocoil
GENERAL PRODUCT USE:

MSDS and Product Information: (781) 869-3428

Emergency Overview

A white, odorless, crystalline powder. Product is mildly irritating to eyes and skin and is not toxic by skin contact, inhalation or ingestion. Product presents no physical hazards. Nitrogen oxides may be released during a fire.

COMPONENTS

<u>Chemical Name</u>	<u>Percent Present (w/w)</u>	<u>CAS Number</u>
Glycine	99	56-40-6

HAZARDS IDENTIFICATION

HEALTH EFFECTS (Acute and Chronic): May cause mild irritation to the eyes and skin. Not expected to be toxic by ingestion, skin absorption or inhalation. Inhalation of dust may cause irritation to the respiratory tract.

CARCINOGENICITY: According to definitions of the U.S. Hazard Communication Standard and the Canadian WHMIS Regulation, components are not listed on the NTP, IARC, ACGIH or OSHA carcinogen lists, and there are no studies implicating components as cancer causing agents in humans or animals.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Mild reddening of eyes and skin. Coughing, soreness in respiratory tract, chest tightening, difficulty breathing.

CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE: Persons with pre-existing skin or lung disorders may be more susceptible to irritation effects.

SYNERGISTIC EFFECTS: Effects that are more serious for simultaneous exposure to two or more chemicals than for separate exposures to the individual chemicals: None known.

ODOR THRESHOLDS/WARNING PROPERTIES: None.

USUAL METHOD(S) OF CONTACT: Skin contact. Eye contact. Contact with dust.

PRIMARY ROUTE(S) OF ENTRY INTO THE BODY: Inhalation of dust.

FIRST AID MEASURES

Eye Contact: Immediately flush with large quantities of water for at least 15 minutes while holding the eyelids open. Do not attempt to neutralize with chemical agents. Contact a physician immediately.

Skin Contact: Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Do not attempt to neutralize with chemical agents. Contact a physician if irritation develops.

Ingestion: If patient is conscious, induce vomiting. Do not induce vomiting in an unconscious person. Contact a physician.

Inhalation: Remove from contaminated atmosphere. If breathing has stopped, give artificial respiration then oxygen if needed. Contact a physician.

Note to Physician: None.

FIRE FIGHTING MEASURES

FLASH POINT: >350°F **METHOD:** Pensky-Martins Open Cup

LOWER EXPLOSIVE LIMIT: N.A. **UPPER EXPLOSIVE LIMIT:** N.A.

MINIMUM IGNITION TEMPERATURE: 1445°F - dust cloud

EXTINGUISHING MEDIA: Water, carbon dioxide, foam or dry chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS: As with any powdered organic material, may cause a dust explosion if air concentrations are sufficiently high.

THERMAL DECOMPOSITION PRODUCTS: Carbon and nitrogen oxides.

FIRE FIGHTING GUIDANCE: If product is present in fire and threat of decomposition or dusting exists, wear self contained breathing apparatus (SCBA) with full-face piece.

NFPA RATINGS (applicable to firefighting situations only): Health - 0, Flammability - 1, Reactivity - 0

ACCIDENTAL RELEASE MEASURES

SPILL AND RELEASE PROCEDURE: Use safety glasses and gloves. Respiratory protection is required only if a dust is generated. Scoop or shovel spilled solids into containers. Avoid creating a dust during transfer of solids. Prevent spilled product or contaminated wash water from entering drinking water supplies or streams.

HANDLING AND STORAGE

WORK/HYGIENIC PRACTICES: Wash thoroughly after handling. Wash contaminated clothes before reuse. Launder work clothes separately from family clothes. Check protective clothing, particularly gloves, for leaks before use.

HANDLING PRECAUTIONS: No special or unique handling requirements.

STORAGE PRECAUTIONS: Store in cool, dry, and well ventilated area. Keep containers closed. Do not enter storage area unless area is adequately ventilated.