

Glute Out

An environmentally friendly neutralizer for Glutaraldehyde and OPA
PO Box 188 • Deep River, CT 06417 • Tel: 800-862-3394 • Fax: 866-271-5982



MATERIAL SAFETY DATA

EMERGENCY CONTACTS:

(800) 424-9300 CHEMTREC® Assistance
(703) 527-3887 24-Hour Emergency Phone Number
(267) 960-7926 GEO Specialty Chemicals, Inc., Cedartown, GA 30125

MSDS and Product Information: (800) 862-3394

PRODUCT IDENTIFICATION

IDENTITY: **GLYCINE Technical Grade**

PRODUCT CODES: NG-QT; NG-1GAL; NG-5GAL

EMERGENCY OVERVIEW

White powder with no odor.

COMPONENTS

Chemical Name	Percent Present (w/w)	CAS Number
Glycine	>50%	000056-40-6
Proprietary buffer		

HEALTH HAZARDS IDENTIFICATION

EYE: Dust may irritate eyes.
SKIN: Prolonged or repeated exposure may cause slight skin irritation. May cause itching.
INGESTION: No hazards anticipated from swallowing small amounts incidental to normal handling operations.
INHALATION: Dust may cause irritation to upper respiratory tract (nose and throat).
CANCER INFORMATION: Is believed safe under normal conditions of use.
TERATOLOGY (BIRTH DEFECTS): Birth defects are unlikely.
REPRODUCTIVE EFFECTS: No relevant information found.

FIRST AID MEASURES

EYE: Flush eyes with plenty of water. Seek immediate medical attention.
SKIN: Wash off in flowing water or shower. Wash contaminated clothing before reuse.
INGESTION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
INHALATION: Remove to fresh air if effects occur. Consult a physician.
NOTE TO PHYSICIAN: No specific antidote. Treatment based on judgment of the physician in response to reactions of the patient.

FIRE FIGHTING MEASURES:

FLASH POINT: Not determined.
FLASH POINT METHOD: Not applicable.
AUTOIGNITION TEMPERATURE: Not determined.
FLAMMABILITY LIMITS: Not determined.
EXTINGUISHING MEDIA: Water fog, carbon dioxide, foam, dry chemical.
FIRE FIGHTING INSTRUCTIONS: Keep people away. Isolate fire area and deny unnecessary entry. Soak with water to cool and prevent re-ignition.

ACCIDENTAL RELEASE MEASURES

PROTECT PEOPLE: Clear non-essential personnel from the area
PROTECT ENVIRONMENT: Wear gloves. Flush small spill area with water. Remove with shovel.
CLEANUP: Dispose according to applicable regulations.

HANDLING AND STORAGE

HANDLING PRECAUTIONS: Good housekeeping and controlling of dusts are necessary for safe handling. Use only with adequate ventilation.
STORAGE PRECAUTIONS: Store in cool, dry, and well-ventilated area away from ignition sources and open flame. Keep containers closed.

EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT: Use safety glasses. If dust exposure causes eye discomfort, use chemical goggles.
SKIN PROTECTION: Wear clean, long-sleeved, body covering clothing. Use gloves impervious to this material.
RESPIRATORY PROTECTION: An organic vapor respirator with a prefilter for dust may be required in dusty atmospheres.
EXPOSURE LIMITS: (N.E. = None Established)

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR: White, odorless, crystalline powder.
VAPOR PRESSURE: Not determined
VAPOR DENSITY: Not determined
BOILING POINT: Not determined
WATER SOLUBILITY: 25g/100g
SPECIFIC GRAVITY: 1.1
PERCENT VOLATILE: 0.2% max
MELTING POINT: Decomposes at elevated temperature

STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of handling, use and transportation.
CONDITIONS TO AVOID: Temperatures above 180C.
MATERIALS TO AVOID: Avoid contact with oxidizing materials.

CHEMICAL REACTION

DECOMPOSITION PRODUCTS: Depends on temperature, air supply and the presence of other materials.
HAZARDOUS POLYMERIZATION: Will not occur.

DISPOSAL CONSIDERATIONS

WASTE DISPOSAL PROCEDURES: Dispose of waste product in accordance with federal, State/Provincial and local laws & regulations.

****END OF MSDS****

The information contained herein is based upon data considered true and accurate, and GEO Specialty Chemicals, Inc. and PCI medical inc. make no warranties, express or implied, as to the accuracy, completeness or reliability of the information contained herein. The information is intended for use by persons with professional knowledge of the subject matter or with access to such persons. Persons receiving this information are urged to conduct their own assessment of the suitability and completeness of the information for their particular application.

11/26/2012