

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

PCi
MEDICAL

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****

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