

# 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  
(989) 636-4400 24-Hour Emergency Phone Number  
(800) 258-2436 Dow Chemical Company, Midland, MI 48674

MSDS and Product Information: (800) 862-3394

### PRODUCT IDENTIFICATION

IDENTITY: **GLYCINE (832-01), Technical Grade**

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

### EMERGENCY OVERVIEW

White Solid. Odorless. Dust explosion hazard.

### 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.  
SKIN: Wash off in flowing water or shower.  
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 & METHOD: Not applicable  
AUTOIGNITION TEMPERATURE: Not applicable.  
FLAMMABILITY LIMITS: Not applicable  
EXTINGUISHING MEDIA: Water, carbon dioxide, 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.  
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. 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 available  
VAPOR DENSITY: Not available  
BOILING POINT: Not applicable  
WATER SOLUBILITY: 25g/100g  
SPECIFIC GRAVITY: 1.1  
PERCENT VOLATILE: 0.2% max  
MELTING POINT: Decomposes at elevated temperature

### STABILITY AND REACTIVITY

CHEMICAL STABILITY: Thermally stable at typical use temperatures  
CONDITIONS TO AVOID: Temperatures above 180C.  
INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with strong oxidants.

### 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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