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## MATERIAL SAFETY DATA SHEET

### I. CHEMICAL IDENTIFICATION

TRADE NAME: CHLORINE DIOXIDE NEUTRALIZER SOLUTION

CATALOG NOS.: A-2700

DESCRIPTION: An accessory solution used in conjunction with reagent ampoules in the determination of chlorine dioxide in water. Each bottle contains approximately 10 mL of accessory solution.

NFPA RATINGS: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

### II. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Glycine  
 CAS NO.: 56-40-6 PERCENT: 10.0

COMPONENT: Deionized Water  
 CAS NO.: 7732-18-5 PERCENT: 90.0

### III. HAZARDS IDENTIFICATION

Low hazard for usual industrial handling.  
 ACUTE TOXICITY: Irritation  
 CHRONIC TOXICITY: No data available.  
 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No data available.

### IV. FIRST AID MEASURES

EYE AND SKIN CONTACT: Immediately flush eyes and skin with water for 15 minutes.  
 INGESTION: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Seek medical attention if a large amount is ingested.  
 INHALATION: Remove individual to fresh air.

### V. FIRE FIGHTING MEASURES

FLASH POINT: N/A AUTOIGNITION POINT: N/A  
 FLAMMABILITY LIMITS: UPPER: N/A LOWER: N/A  
 EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water spray or regular foam

### VI. ACCIDENTAL RELEASE MEASURES

Take up with absorbent material. Place in small containers for disposal.

### VII. HANDLING AND STORAGE

If this product is used as directed, the user will not come in contact with or be exposed to any of its chemical components.  
 Wash thoroughly after handling. Avoid contact with eyes.  
 Product should be stored in the dark and at room temperature; however, temperatures up to 120°F or even below freezing will not normally affect reagent performance.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA & ACGIH THRESHOLD LIMIT VALUE: None established  
 PROTECTIVE EQUIPMENT: Safety glasses.

### IX. PHYSICAL AND CHEMICAL PROPERTIES

STATE: Liquid APPEARANCE: Colorless ODOR: None  
 SOLUBILITY IN WATER: Complete pH: 5.5  
 BOILING POINT: 100°C MELTING POINT: 0°C  
 VAPOR PRESSURE: 14 mm Hg @ 20°C (H<sub>2</sub>O) SPECIFIC GRAVITY: 1.2  
 VAPOR DENSITY: 0.7 (H<sub>2</sub>O)

### X. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition, ammonia and oxides of nitrogen and carbon may be emitted.  
 Stable under normal conditions.

### XI. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: None  
 No other data available at this time.

### XII. ECOLOGICAL INFORMATION

No data available.

### XIII. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with Federal, State, and Local Regulations.

### XIV. TRANSPORT INFORMATION

Not regulated.

### XV. REGULATORY INFORMATION

EUROPEAN INFORMATION:  
 Risk Phrases: N/A  
 Safety Phrases: Avoid contact with skin and eyes.  
 CANADA INFORMATION:  
 WHMIS Classification: Not controlled  
 All chemical components of this product are listed on Canada's DSL list.  
 U.S. INFORMATION:  
 All chemical components of this product are listed on the TSCA Inventory.

### XVI. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.