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**Product  
Bulletin**

# CLO2 NEUTRALIZATION KIT

## Neutralizes chlorine dioxide solutions

### TYPICAL APPLICATIONS

The CLO2 NEUTRALIZATION KIT contains a solution of reducing agent that will neutralize chlorine dioxide solutions as discharged from a chlorine dioxide generation chamber. It is important to proceed cautiously as a chemical reaction will be taking place that could generate heat (or explosion) if performed too rapidly.

### DIRECTIONS FOR USE

Wear safety PPE in accordance with product SDS when performing any work with chlorine dioxide solutions.

**Chamber Flushing:** Depending on chamber style, chamber will be flushed from top of chamber, or from bottom drain valve. Place hose from top of chamber or bottom drain valve directly into bucket of CLO2 NEUTRALIZATION KIT. Slowly Flush generation chamber with water while running pumps, or slowly open bottom drain valve to flush chamber. Rinse chamber with fresh water to remove all traces of chlorine dioxide.

**Spills:** For small spills of chlorine dioxide under 1 gallon, open CLO2 NEUTRALIZATION KIT bucket and slowly pour a small amount on spill until color changes from light green to clear and odor diminishes.

**Waste:** Waste generated from the use of this product is the sole responsibility of the customer. Disposal, or discharge, should be in accordance with federal, state, and local regulations.

### SAFETY & HANDLING PROCEDURE

This is a moderately alkaline product. Eye contact will cause severe irritation and/or burns. Prolonged or repeated skin contact will cause irritation and possibly dermatitis and/or burns. Ingestion can cause damage to the stomach and other tissues contacted. Excessive inhalation of product dusts/mists can cause irritation to the respiratory system. Wear impervious gloves and safety glasses or goggles when handling product. If vapors are present at or above TLV respiratory protection must be worn. Wear additional protective clothing as necessary to minimize contact with product.

### CONTROL

Strictly for use in the service and maintenance of chlorine dioxide Units.

### DOSAGE

Do not neutralize any more than 1 gallon of chlorine dioxide solution from a chamber utilizing no more than 15% sodium chlorite, and 15% acid.

### PHYSICAL PROPERTIES

Appearance ..... Clear, Colorless Liquid  
Odor ..... Mild  
pH of 1% Solution ..... 11-12  
Pounds per Gallon ..... 8.7-9.2  
Flash Point ..... NA

### **Seller Warranty**

CH<sub>2</sub>O brand test reagent refills are available through your sales representative at no charge. Customers are required to confirm product compatibility via a control test for their specific application. CH<sub>2</sub>O recommends that you perform regular/daily testing to control chemical levels and cycles of concentration within established limits. Additional tests may be performed at your request. Test reports reflect conditions at the point when the analysis was performed. Results will change over time and with varying operating conditions.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the product data sheet. Buyer is responsible to ensure that products and product dosages are appropriate for Buyer's particular application. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Jurisdiction for any issues arising from or relating to this product shall be in the courts of the State of Washington and the venue shall be Thurston County. Any controversy or claim arising out of or relating to this contract, or breach thereof, shall be settled by arbitration in accordance with the rules and procedures as stated in RCW 7.06 and shall be binding upon both parties without right to appeal, and judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

Applies to all products sold by CH<sub>2</sub>O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH<sub>2</sub>O products is subject to the Standard Terms and Conditions as listed on CH<sub>2</sub>O, Inc.'s website at: [www.ch2o.com](http://www.ch2o.com).



VERSION DATE: September 3, 2015

