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# DE-CHLOR LIQUID CHLORINE NEUTRALIZING AGENT

### APPLICATION

Food processing and other industries often use high concentrations of an oxidizer (sodium hypochlorite or other chlorine products, bromine, iodine, or ozone) to sanitize equipment. These strong oxidizers work by chemically burning the microorganisms which cause the spread of disease and spoilage of food products.

After using high levels of these strong oxidizers, it is usually required to remove any residual from the waste water before it is discharged to septic systems or municipal sewage treatment plants. If the strong oxidizer is not removed from the waste before it is discharged, the bacteria cultures used at the waste treatment plant or those natural bacteria in the environment may be harmed. Additionally, there is an increased corrosion rate to metal equipment that is exposed to oxidizing agents.

**DE-CHLOR LIQUID** is a reducing agent, which consumes oxidizers such as sodium hypochlorite. With oxidizers removed, corrosion of metal components is substantially reduced and the biological systems used in waste treatment are protected.

It is important that solutions treated with **DE-CHLOR LIQUID** be maintained at pH of 6.5 or greater. Toxic gases can be formed when the pH of **DE-CHLOR LIQUID** is below this 6.5.

**DE-CHLOR LIQUID** is not intended for direct application to food or food products.

### STORAGE & HANDLING PROCEDURE

This product is a mild irritant. Eye contact will cause minor irritation. Sensitive individuals may develop dermatitis upon prolonged or repeated contact.

### DOSAGE

Use **DE-CHLOR LIQUID** at the rate of 5 pints or 2.5 quarts per 1,000 gallons of sanitizer solution containing 100 parts per million of chlorine residual. Pro-rate dosage accordingly.

### FEEDING TECHNIQUE

Agitate the sanitizing solution with correct dosage and mix thoroughly.

### CONTROL

Measure for residual chlorine or other oxidizer. Adjust dosage until the residual test indicates zero or near zero levels.

### PHYSICAL PROPERTIES

pH of 1% Solution.....	6.5-8.5
Pounds per Gallon.....	9.7-10.3
Physical Appearance.....	Colorless
Odor .....	Mild
Flash Point .....	N/A

### **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 directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. 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: June 18, 2004

REVISION DATE: December 2014

