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**Product
Bulletin**

BIO BLAST CONDENSER FILL CLEANER

APPLICATION

Cooling tower condenser fill can become fouled with organic material. Fouling can block airflow, reduce cooling efficiency, and in severe cases, cause collapse of the media.

BIO BLAST is used to temporarily increase the pH of the circulating water and clean the condenser fill. Organic matter can then be flushed from the system.

After **BIO BLAST** is used, the system should be thoroughly flushed and physically cleaned to remove any remaining organic material. If organic fouling recurs on a regular basis, a change in the microbiocide program, or periodic use of **DISPERSE-IT**, may be indicated.

SAFETY & HANDLING PROCEDURE

This product is a highly alkaline liquid. It should be handled with extreme caution, making sure to avoid chemical contact with eyes or skin. Wash any exposed areas immediately with fresh water for 15 minutes. Remove and launder contaminated clothing before re-use.

FEEDING TECHNIQUE

Inject directly into the cooling tower basin where thorough mixing can occur. Avoid direct contact with system metals. For intermittent cleaning operations, addition can be made with a bypass feeder or one-shot feeder.

CONTROL

The system bleed should be shut off. Product should be fed into the system to maintain pH between 8.0 – 9.0 for one hour. After one hour, the system should be thoroughly flushed to remove organic solids, and reduce pH to normal operating levels. Upon completion of the evolution, normal bleed should be restored. Consult your CH₂O water treatment specialist for recommendations specific to your application. Routine pH testing is recommended to maintain proper control. Failure to monitor and maintain treatment levels can cause damage. It is the customer's responsibility to monitor and maintain treatment levels with support from a CH₂O sales representative.

DOSAGE

The dosage varies depending upon the system pH, and the amount and type of substance being dispersed/removed.

PHYSICAL PROPERTIES

pH of 1% Solution..... 13-14
 Pounds per Gallon..... 11-12
 Physical Appearance..... Clear Liquid
 Odor..... Mild
 Flash Point.....NA

Seller Warranty

CH₂O 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. CH₂O 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 CH₂O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH₂O products is subject to the Standard Terms and Conditions as listed on CH₂O, Inc.'s website at: www.ch2o.com.



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