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Product Bulletin

ORGANIC AQUA-KLEEN IRRIGATION NETWORK CLEANER CONTAINS HYDROGEN DIOXIDE

APPLICATION

Mineral crystallization in irrigation networks may often lead to plugging of nozzles, emitter tips and clogging of sand filters. The use of strong mineral acid washes has proven to be detrimental to pressure compensators and often impractical in removing deposits. Other disadvantages of strong mineral acids include costs and hazards of handling, storage and disposal.

ORGANIC AQUA-KLEEN is specifically formulated for use as a line cleaner that inhibits fouling of emitters and nozzles.

ORGANIC AQUA-KLEEN allows simple on-site distribution of a one-drum product. Your program is designed and managed for optimum system performance.

SAFETY & HANDLING PROCEDURE

ORGANIC AQUA-KLEEN is a strong oxidizing agent. Any source of heat and combustibles such as paper, wood, or leather should be avoided. Temperatures above 86°F will degrade product, accelerate decomposition, and reduce shelf life. (Product is shelf-stable for up to one year when stored at room temperature and away from direct sunlight.) Drums must be stored in an upright position. Product should never be returned to the original container.

ORGANIC AQUA-KLEEN is corrosive to skin, eyes and mucous membranes in it's concentrated form, and can be corrosive in use-dilutions.

Safety goggles or face shield and heavy rubber or vinyl gloves must be worn when handling the concentrated product. Impervious gloves and safety goggles must be worn when working with product dilutions.

STORAGE

This product contains a chemical that is degraded by heat and exposure to UV light (sunlight). Product should be stored inside, out of sunlight exposure, unless the container is open, and the product is on-line and in use.

FEEDING TECHNIQUE

Inject directly into the irrigation lines using CH₂O, Inc. automated metering equipment. Never mix this product with other products. For fouled systems, use **ORGANIC AQUA-KLEEN** at an initial dose of 1 part to 5000 parts water. Once the system is clean, or for maintenance dosage, use 1 part **ORGANIC AQUA-KLEEN** to 15,000 – 20,000 parts water. Test for product residual using CH₂O's MD640 test kit or other accurate test method, and control at 1 – 2 ppm of hydrogen peroxide at distal points in the irrigation network for maintenance treatment.

CONTROL

Daily testing is recommended to maintain proper control. Failure to monitor and maintain treatment levels can cause damage. In addition to monitoring and maintaining treatment levels, it is the customer's responsibility to ensure the product is fit for its intended application. Additional testing may be performed upon request.

DOSAGE

Use only with CH₂O, Inc. operating equipment. A control test is necessary for individual applications to determine tolerance. Customers shall set treatment levels based on their control test results.

PHYSICAL PROPERTIES

Appearance..... Colorless Liquid
Odor..... Moderate, Pungent
Foam..... Low
Pounds per Gallon..... 9.0 - 9.5
pH of 10% Solution 1 - 2

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 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 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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