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RETORT PLUS SPECIALTY APPLICATIONS PRODUCT CORROSION INHIBITOR FOR RETORT SYSTEMS

APPLICATION

RETORT PLUS is an aqueous blend of inorganic phosphates and wetting agents that may be used in still retort, continuous rotary, and hydrostatic cookers to help protect internal components from corrosive attack. Additionally, **RETORT PLUS** will aid in reducing corrosion and water spotting on cans.

Complex cooking systems may require monitoring and treatment of steam sections to control pH, and microbiological control in cooling sections. Consult your CH₂O sales representative for product selection.

SAFETY & HANDLING PROCEDURE

This product is a neutral liquid. It can be safely handled using the standard precautionary procedures associated with industrial chemicals of this type. Read and understand the MSDS before handling this product.

FEEDING TECHNIQUE

RETORT PLUS is a convenient liquid formulation that may be added manually, or automatically using a proportional feed system.

CONTROL

Add **RETORT PLUS** to maintain 10 – 20 ppm ortho-phosphate in the system water. Low to moderate temperature systems will require sample conversion prior to analysis.

DOSAGE

Add **RETORT PLUS** at an initial dose rate of 1 quart per 1000 gallons of system volume. Subsequent dosages will be required to maintain control based on water loss. 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.

PHYSICAL PROPERTIES

pH of 1% Solution..... 6-8
 Pounds per Gallon..... 8.8-9.3
 Physical Appearance Clear, Colorless Liquid
 Odor None
 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 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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