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Product Bulletin

ACTIVATOR C

ORGANIC ACID ACTIVATOR FOR CREATING ACIDIFIED SODIUM CHLORITE SOLUTIONS

TYPICAL APPLICATIONS

Acidified sodium chlorite is created by combining a sodium chlorite solution such as **FREEZE FRESH**, or **IVR-SAN 7.5**, with an acid product such as **ACTIVATOR C**.

ACTIVATOR C is an organic acid activator formulated to combine with sodium chlorite solutions in a way that produces a sanitizing, timed-release dose of chlorine dioxide.

DIRECTIONS FOR USE

ACTIVATOR C is typically introduced into the mixing vessel with a sodium chlorite solution such as **FREEZE FRESH** or **IVR-SAN 7.5** so that 1 part of **FREEZE FRESH** is combined with 0.25 to 1.0 parts of **ACTIVATOR C**.

If using **FREEZE FRESH 15** or **IVR-SAN 15**, use 1 part sodium chlorite product to one to three parts of **ACTIVATOR C**.

When using **ACTIVATOR C** as an antimicrobial agent in water and ice that are used to rinse, wash, thaw, and transport, or store seafood in accordance with 21 CFR 173.325 (d), the pH must be maintained between 2.5 and 2.9, and the residual acidified sodium chlorite must be monitored and in the proper range.

ACTIVATOR C allows simple on-site generation of a chelant compound as part of your specific treatment program

ACTIVATOR C allows simple on-site distribution of a chelant compound as part of your specific treatment program.

GENERAL REGULATORY STATEMENT

This product is manufactured with ingredients listed in 21 CFR Part 184, DIRECT FOOD SUBSTANCES AFFIRMED AS GENERALLY RECOGNIZED AS SAFE, Subpart B, Listing of Specific Substances Affirmed as Safe.

FEEDING TECHNIQUE

Inject directly into the water distribution lines. Use this product only with applicable CH₂O precursor chemicals and dose the solution with properly calibrated and maintained metering equipment.

SAFETY & HANDLING PROCEDURE

ACTIVATOR C is an acidic product. Read and understand the Material Safety Data Sheet for this product before use.

Contact with concentrated solutions of **ACTIVATOR C** may cause burns. Ingestion of **ACTIVATOR C** may be harmful or fatal if swallowed. Wear goggles or face shield and rubber gloves when handling this product.

ORGANIC APPLICATIONS

ACTIVATOR C has been formulated from ingredients accepted by the Washington State Department of Agriculture in WAC 16-160-060 as either post-harvest materials or processing aids for organic products.

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 compatible 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 Clear, Colorless Liquid
Odor Moderate, Vinegar
pH of 1% Solution 1.5-2.0
Pounds per Gallon 8.7-9.2
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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