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Product Bulletin

ACTIVATOR PW

PART TWO OF A TWO-PART SYSTEM FOR GENERATING ACIDIFIED SODIUM CHLORITE IN A CH₂O GENERATOR

APPLICATION

ACTIVATOR PW is used in combination with a sodium chlorite solution, to create acidified sodium chlorite. The acidified sodium chlorite generated from this system can be used in accordance with 21 CFR Part 173.325.

DIRECTIONS FOR USE

ACTIVATOR PW is introduced into the generator at a metered rate in conjunction with a sodium chlorite solution (such as **FREEZE FRESH**), to produce acidified sodium chlorite. It is important to comply with all requirements indicated in 21 CFR Part 173.325 (pH, residual, etc.) in order to produce safe quality food products.

Chlorine dioxide can be generated using the acid-chlorite method, by combining a sodium chlorite solution (such as **IVR-SAN 7.5**) with **ACTIVATOR PW**. The two precursor products should be mixed in a chlorine dioxide generator only. **ACTIVATOR PW** should never be added directly to the sodium chlorite solution.

GENERAL REGULATORY STATEMENT

This product is manufactured with ingredients either listed in: 1) 21 CFR Part 182 - SUBSTANCES GENERALLY RECOGNIZED AS SAFE, or, 2) 21 CFR Part 184 - DIRECT FOOD SUBSTANCES AFFIRMED AS GENERALLY RECOGNIZED AS SAFE, or, 3) 21 CFR Part 173 - SECONDARY DIRECT FOOD ADDITIVES PERMITTED IN FOOD FOR HUMAN CONSUMPTION, Subpart D - Specific Usage Additives, or, 4) 40 CFR Part 180 - TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES, Subpart D - Exemptions From Tolerances.

Contact your CH₂O technical service representative if more information is needed on specific regulatory compliances.

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

SAFETY & HANDLING PROCEDURE

ACTIVATOR PW is an acidic product. Contact with concentrated solutions can cause burns.

ACTIVATOR PW is harmful or fatal, if swallowed. Wear goggles or face shield and rubber gloves when handling this product.

In case of accidental ingestion do not induce vomiting. Seek professional assistance or contact a Poison Control Center immediately.

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.

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.

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.

PHYSICAL PROPERTIES

Physical Appearance.....Clear
Odor.....Mild
1% pH.....<3
Pounds per Gallon.....9.3 – 9.8

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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