



8820 Old Hwy 99 SE, Tumwater, Washington 98501, USA  
360-943-6063 800-562-6184 FAX 360-352-4813 www.ch2o.com

**Product  
Bulletin**

# ACTIVATOR PW

## PART TWO OF A TWO-PART SYSTEM FOR GENERATING ACIDIFIED SODIUM CHLORITE IN A CH<sub>2</sub>O 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 CH<sub>2</sub>O technical service representative if more information is needed on specific regulatory compliances.

### 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.

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

Physical Appearance.....Cle  
Odor.....M  
1% pH.....  
Pounds per Gallon..... 9.3 – 9

### **Seller Warranty**

CH<sub>2</sub>O 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. CH<sub>2</sub>O 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 CH<sub>2</sub>O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH<sub>2</sub>O products is subject to the Standard Terms and Conditions as listed on CH<sub>2</sub>O, Inc.'s website at: [www.ch2o.com](http://www.ch2o.com).



VERSION DATE: April 18, 2013      REVISED: October 10, 2019

