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**Product
Bulletin**

COLOR GUARD
FOR POST-HARVEST REMOVAL OF MINERAL DEPOSITS
FROM FRUITS & VEGETABLES
IRRIGATION WATER PH SUPPRESSION

APPLICATION

COLOR GUARD is recommended for use on fruits and vegetables that have been stained by hard water filming, or "orchard bloom", from sprinkling and watering systems.

CONCENTRATED

COLOR GUARD's heavy-duty formulation allows low-cost cleaning with optimum performance.

CONVENIENT

Because **COLOR GUARD** is a liquid cleaner, it can be dispensed accurately and efficiently through automatic feed and control systems.

ORGANIC APPLICATIONS

COLOR GUARD 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. **COLOR GUARD** is listed on the WSDA Brand Name Material List.

GENERAL REGULATORY STATEMENT

This product is formulated in accordance with various FDA guidelines relating to washing and/or waxing food for human consumption. Contact your CH₂O representative if more information is needed on specific regulatory compliances.

SAFETY & HANDLING

COLOR GUARD is an acidic product and special precautionary measures should be employed during its handling and use. Please refer to the Material Safety Data Sheets for **COLOR GUARD** for these specific handling and use directions before using the product.

GENERAL DIRECTIONS

Use ½ gallon of **COLOR GUARD** in 100 gallons of cold or warm water for cleaning. A heavy film may require a 1 percent solution or multiple washings. pH of use solution should be 1.5 to 2.5.

Use **COLOR GUARD** as required to maintain a pH of 2.5 to 3.0 in the generator when used for the generation of chlorine dioxide.

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 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 |
| Odor..... | Mild |
| Foam..... | Low |
| Rinsing Ability..... | Excellent |
| pH of Use Solution..... | 1.8 |
| Specific Gravity..... | 1.15 |

PRODUCT pH INDICATOR
 ---- acid ---- neutral ---- alkaline ----
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14



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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