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FRESH-TANK 2

FRUIT & VEGETABLE WASHING COMPOUND

ACID FOR MAKING ACIDIFIED SODIUM CHLORITE SOLUTIONS

CONCENTRATED

FRESH-TANK 2 is composed of a unique blend of GRAS acid and cleansing agent. Its low-foam characteristic allows for enhanced wetting of fruits and vegetables during the washing process without the hassles of excessive foam.

The acidic nature of **FRESH-TANK 2** allows it to perform particularly well in dump tanks as an aid in removing mineral-based soils from fruit and vegetables after harvest.

FRESH-TANK 2 can be used, in accordance with 21 CFR 173.325, as an acid-activator for sodium chlorite solutions in order to generate Acidified Sodium Chlorite (ASC) solutions. The ASC solution generated may be used as antimicrobial agent on raw agricultural commodities (RAC) in the preparing, packing, or holding of food for commercial purposes.

REGULATORY STATEMENT

This product is formulated in accordance with various FDA guidelines relating to washing, or for use as an antimicrobial on, food intended for human consumption. Contact your CH₂O representative if more information is needed on regulatory compliance.

SAFETY & HANDLING PROCEDURE

FRESH-TANK 2 is an acidic product and should be handled properly. Read and understand the Safety Data Sheet for this chemical product before handling.

GENERAL DIRECTIONS

DUMP TANKS: Adjust feed rate of **FRESH-TANK 2** to maintain pH of tank water to 2.0 to 2.5. The pH can be lowered to 1.5 for cleaning extremely scaled fruit and vegetables.

GENERAL DIRECTIONS, Continued

ANTIMICROBIAL: An antimicrobial solution of Acidified Sodium Chlorite can be made by adding **FRESH-TANK 2** to a dilute sodium chlorite solution. The mixing of sodium chlorite and **FRESH-TANK 2** is often carried out in a mixing/reaction chamber due to the odor from the generation of chlorine dioxide. **FRESH-TANK 2** should be introduced into the chlorite solution in sufficient quantity to obtain a pH of 2.3 to 2.9 in the solution that contacts the fruits and vegetables. The ASC solution used on the fruits and vegetables should be maintained between 500 and 1200 ppm as chlorite. Note that the treated RAC must be followed by a potable water rinse, or by blanching, cooking, or canning.

CONTROL

Daily testing is recommended to maintain proper control. Failure to monitor and maintain treatment levels can cause damage. It is the customer's responsibility to monitor and maintain treatment levels. 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 Liquid
Odor..... Mild
Foam Low
Rinsing Ability Excellent
pH of Use Solution 1.5-2.5
Pounds per Gallon 8.3-8.8

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 directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. 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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