FRESH-PAK 2
Acid for making Acidified Sodium Chlorite solutions
WA Reg.: In process

Product Description: FRESH-PAK 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 an antimicrobial agent on raw agricultural commodities (RAC) in the preparing, packing, or holding of food for commercial purposes. (NOTE: Fresh-Pak is a Trade Mark of CH2O, Inc.)

Directions for Use: Not for aquatic use.

DUMP TANKS: Adjust feed rate of FRESH-PAK 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.

ANTIMICROBIAL: An antimicrobial solution of Acidified Sodium Chlorite can be made by adding FRESH-PAK 2 to a dilute sodium chlorite solution. The mixing of sodium chlorite and FRESH-PAK 2 is often carried out in a mixing/reaction chamber due to the odor from the generation of chlorine dioxide. FRESH-PAK 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.

Storage & Disposal: Store this material in a cool, dry, well-ventilated area, away from sources of ignition. Keep container tightly closed when not in use. Store only in approved containers that have been properly labeled. Protect container from physical damage. Dispose of all product and waste in accordance with local, state, and federal regulations. Empty containers may contain product residues which could contain chlorine if improperly managed. Handle empty containers carefully and dispose of in accordance with all pertinent regulations. Do not reuse empty container; triple rinse (or equivalent) during mixing and loading.

This is an acidic product. Eye contact will cause severe irritation with possible burns. Prolonged or repeated skin contact will cause irritation with possible burns. Ingestion will cause damage to the stomach and other tissue contacted. Excessive inhalation of product dust/mist can cause irritation and/or burns to the respiratory system. Wear impervious gloves and safety glasses or goggles when handling product. If vapors are present at or above TLV respiratory protection must be worn. Wear additional protective clothing as necessary to minimize contact with product.

First Aid: EYES: Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention if irritation persists. SKIN: Wash exposed areas thoroughly with soap and water. Remove contaminated clothing and launder before reuse. If skin feels slippery, continue washing until slick feeling is gone. Contact a physician if irritation persists.

Spill Procedures: Only trained personnel equipped with proper protective gear should be permitted in the area. Stop spill at source. Reclaim material if possible for reuse. Containerize contaminated material for disposal. After all visible traces have been removed, flush area thoroughly with water. Dispose of all waste in accordance with local, state and federal regulations. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination.

DANGER:
Principal Functioning Agent(s): Hydrogen chlorite 13%
Constituents ineffective as spray adjuvants: 87%
Total 100%

All ingredients are exempt from the requirement of a tolerance under 40 CFR 180

IN CASE OF EMERGENCY CALL CHEMTREC AT: 1-800-424-9300
KEEP OUT OF REACH OF CHILDREN
NON-WARRANTY: As the use of this material is subject to conditions beyond the seller's control, seller makes no warranty express or implied as to this material or its use other than its chemical analysis when packed. The total liability of seller shall be limited to the purchase price of the product. Any disputes will be settled via arbitration in accordance with purchase details on your invoice.

PRODUCT MUST BE STORED ABOVE 45 DEGREES FAHRENHEIT (7 DEGREES CELSIUS)

Net Contents: XXXXX Gal. Lot Number: Sample Manufacture Date: XXXX

MADE IN THE U.S.A. Manufactured by CH2O Incorporated Olympia, Washington 98501 (360) 943-6063