PAA Sanitizer FP™
Peroxyacetic Acid Solution

Active Ingredients:
Hydrogen Peroxide.......................... 26.5%
Peroxyacetic Acid............................. 4.9%
Inert Ingredients:.............................. 68.6%
Total:.......................................... 100.0%

EPA Reg. No. 54289-3-5741
EPA Est. No. 70253-CA-002

PAA Sanitizer FP is a peroxyacetic acid-based sanitizer/disinfectant developed for the following uses: Institutional/Industrial Sanitizing of Previously Cleaned Non-Porous Food Contact Surfaces in Dairies, Wineries, Breweries, Food and Beverage Plants, Hard Surface Disinfection in Industrial Facilities, Retail and Wholesale Establishments.

Before Using This Product, Please Read This Entire Label Carefully.

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice. If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice. If swallowed: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call poison control center or doctor for treatment advice. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Sold by: Spartan Chemical Company, Inc., 1110 Spartan Drive, Maumee, OH 43537

#3139 NET CONTENTS: 4.3 U.S. Gallons / 16.28 Liters
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DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

SANITIZATION
NOTE: FOR MECHANICAL OPERATIONS prepared use solution may not be used for subsequent sanitizing but may be used for other purposes such as cleaning.

For Manual Operations: fresh sanitizing solutions should be prepared at least daily or more often if the solution becomes diluted or spoiled.

PAA Sanitizer FP peroxyacetic acid solution is recommended for use on pre-cleaned surfaces such as equipment, pipelines, tanks, vats, filters, evaporators, pasteurizers and aseptic equipment in dairies, breweries, wineries, breweries and food processing/packing plants, ope processing/packing equipment surfaces, and eating establishments. this product is effective as a sanitizer when solution is prepared in water of up to 400 ppm hardness as CaCO3. this product has demonstrated greater than a 99.9999% reduction of swarms after a 90 second exposure period in the ADAC Germicidal and Disinfecting Sanitizing Action at Disinfectant Study.

Sanitizing Food Contact Surfaces: Effective against Staphylococcus aureus and Escherichia coli.

Prior to sanitizing, rinse off gross food particles, then wash with a detergent solution, followed by a potable water rinse. Sanitize with a concentration of 1.0 to 1.5 g/L. PAA Sanitizer FP dissolved in 5 gallons of water at 0.15 to 0.25% w/v concentration. This will provide 88 to 130 ppm of peroxyacetic acid. At this dilution PAA Sanitizer FP is effective against Staphylococcus aureus and Escherichia coli. Use a detergent, clean up, rinse, and clean agent as appropriate to the equipment. All surfaces should be exposed to the sanitizing solution for a period of at least 30 seconds or more if specified by governing sanitary code. Drain thoroughly and allow air to dry. Do not rinse.

Sanitizing Cutting, Drinking, And Food Prep Materials: Remove gross food particles by a pressure, a preflush and, when necessary a prewash treatment. Wash with a recommended detergent. Rinse with clean water. Sanitize in a solution of 1.0 to 1.5 g/L. PAA Sanitizer FP dissolved in 5 gallons of water. Immerse all utensils for at least 30 seconds or contact time specified by governing sanitary code. Drain and air dry.

Final Sanitizing Bottle Rinses: PAA Sanitizer FP may be used as a final sanitizing rinse for reusable and non-removable bottles at a 0.15 to 0.25% dilution (1.0 to 1.5 g/L. PAA Sanitizer FP dissolved in 5 gallons of water). This will provide 88 to 130 ppm of peroxyacetic acid.

Antimicrobial Rinses of Pre-Cleaned or New Reusable or Non-Reusable Containers: To reduce the number of non-pathogenic bacteria sporeforming organisms such as Aspergillus fumigatus, Rhizopus stolonifer, Penicillium digitatum, Lactobacillus brevis, and Saccharomyces cerevisiae.

Prepare PAA Sanitizer FP by adding 91 fl oz. to 5 gallons potable water. This provides 2,002 ppm peroxyacetic acid. Apply antimicrobial rinse at a temperature of 40°F to 80°F (4°C to 26°C) and allow a minimum seven-second contact period. Allow container to drain thoroughly, and then rinse with sterile or potable water.

Hot Surface Detergent: PAA Sanitizer FP is effective as an all cleans in one operation. PAA Sanitizer FP can be used to decontaminate floors, walls and other hard nonporous surfaces such as tables, chairs, countertops, sinks, shelves, racks, carts, reagents, coolers, tiles, and used on lids and bottles made from inorganic, vinyl, non-porous glazed porcelain, plastic (such as polypropylene and polystyrene), stainless steel, or glass.

Combination Disinfection and Cleaning: PAA Sanitizer FP is effective against Staphylococcus aureus, Salmonella chesterfield, Pseudomonas aeruginosa, Trichophyton mentagrophytes, and Escherichia coli at 0.017 to 0.033% (0.5 to 1.5 g/L) in hard water (400 ppm) as CaCO3 and 1% formaldehyde in hard water at 400 ppm hardness as CaCO3. For heavily soiled areas a pre-cleaning step is required. Apply solution with mop, cloth, sponge, brush, scrubber, or a coarse spray device, or by soaking so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove solution and then covered with a clean wet mop, cloth, or wet vacuum pickup. Prepare a fresh treatment solution or when it becomes soiled or diluted.

For Treatment of Raw, Unprocessed Fruit and Vegetable Surfaces: PAA Sanitizer FP can be used as a dip or foamy to control the growth of non-pathogenic acid microorganisms that may cause decay and/or spoilage on raw, post-harvest fruits and vegetables during the post-harvest process. This product can be applied during physical cleaning processes, including the roller splashers, washer manifolds, dip tanks, and the brushes or elsewhere in the post-harvest process prior to, simultaneously with, or after dipping water. Prepare treatment solution by diluting 3.5 fl oz. per 10 gallons of potable water. This will provide 88-100 ppm of peroxyacetic acid.

For Treatment of Raw, Unprocessed Fruit and Vegetable Surfaces (Cont'd)

Apply the diluted sanitizer solution using a spray directed at the fruits or vegetables, or by soaking the fruits or vegetables in the solution. Allow a contact time of at least 45 seconds.

The treated produce can be drained before additional water rinse. Do not reuse solution after treatment.

PAA Sanitizer FP can be applied by spraying to control the growth of non-pathogenic microorganisms that may cause decay and/or spoilage on raw, post-harvest fruits and vegetables during the post- harvest process.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in original containers in a cool, well-ventilated area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, clean area with large quantities of water. Do not store in any manner where cross-contamination with other pesticides or cleaners could occur.

PESTICIDE DISPOSAL: Washes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Do not deposit in sewage system. Do not dispose of in surface waters. Do not dispose of in standing water. Do not dispose of in landfills. Do not deposit in hazardous waste incinerators. Do not allow to be washed into sewers, ditches, or drains. Do not dispose of in other than approved waste disposal facilities. Do not dispose of in the ocean. Do not dispose of in surface waters. Do not dispose of in standing water. Do not dispose of in landfills. Do not dispose of in hazardous waste incinerators. Do not allow to be washed into sewers, ditches, or drains. Do not dispose of in other than approved waste disposal facilities.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGERS: CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through the skin.

Painful if swallowed. Do not breathe vapors or spray mist. Do not get in eyes or on skin or on clothing. Wash goggles and face shields and rubber gloves when handling. Do not enter an enclosed area without proper respiratory protection. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT. Corrosive. Mix only with water. Product must be diluted in accordance with label directions prior to use. PAA Sanitizer FP is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate combustion.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. Caution should be used when applying fungicides because pets may be at risk. Do not discharge effluent containing this product into lakes, streams, ponds, ditches, streams, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the USEPA Environmental Protection Agency.