

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

March 27, 2017

Tiana Rosamilia Manager Evonik Corporation 299 Jefferson Road Parsippany NJ 07054

Subject: Label Amendment – Updating the Label Uses

Product Name: Peraclean 5

EPA Registration Number: 54289-3 Application Date: 12/28/2015 Decision Number: 512726

Dear Ms. Rosamilia:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

Page 2 of 2 EPA Reg. No. 54289-3 Decision No. 512726

with FIFRA section 6. If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,

John Hebert, Chief

Regulatory Management Branch I Antimicrobials Division (7510P) Office of Pesticide Programs

Enclosure: Stamped Label

<u>DIRECTIONS FOR USE</u>
It is a violation of Federal law to use this product in a manner inconsistent with its

300-1500 ppm peroxyacetic acid. Let soak for 15 minutes and follow with a potable

SANTIZATION
NOTE: FOR MECHANICAL OPERATIONS prepared use solution may not be used for COMBINATION DISINFECTION AND CLEANING subsequent sanitizing but may be reused for other purposes such as cleaning. FOR PERACLEAN® 5 is effective against Staphylococcus aureus, MANUAL OPERATIONS fresh sanitizing solutions should be prepared at least daily or Salmonella choleraesuis [[ATCC10708]], Trichophylon more often if the solution becomes diluted or soiled.

PERACLEAN® 5 peroxyacetic acid sanitizer is recommended for use on precleaned surfaces such as equipment, pipelines, tariks, vals, fillers, everporators, pasteurizers CaCO3) and 5% fetal bovine serum on hard nonporous surfaces. For and asseptic equipment in datines, beveredge and nod processing/ and aseguic equipment in gaines, prevenes, winenes, peverage and tood processing of the processing plants are assumed as a second management and peacing plants, geg processing plants, get processing plants, get processing plants are processing plants and processing plants are processing plants are processing plants and plants are plants are plants and plants are plants and plants are plants and plants are plants are plants are plants and plants are plants are plants and plants are plants are plants are plants and plants are plants are plants and plants are plants are plants are plants are plants are plants and plants are plants ar reduction of survivors after a 60 second exposure period in the AOAC Germicidal and for 10 minutes, then remove solution and entrapped soil with a clean Detergent Sanitizing Action of Disinfectants study.

Detelgran community and the control of the control

Find to samitizing, remove gloss tool particles, tiert was with a detelegent solution, was, footbox, sink tops, and turniture. In adolton PERACLEANS 5 inclibed by a problem series a Sanitize with a concentration of 1.0 to 1.5 ft. oz. will, floodorize those areas which are generally hard to keep smelling PERACLEANS 5 dissolved in 5 gallons of water (0.16 to 0.2% w/ concentration) from the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.5 ft. oz. with the concentration of 1.0 to 1.0 This will provide 88 to 130 ppm of peroxyacetic acid. At this dilution PERACLEAN® intest source, sources acid as every groups of the state of the st spray or circulation techniques as appropriate to the equipment. All surfaces should be For heavily soiled areas, a pre-cleaning step is required. Prepare a exposed to the sanitizing solution for a period of at least 60 seconds or more if specified fresh solution for each use. exposed to the samilizing solution of a period of a needs to seconds of inthe inspecified by governing sanitary code. Drain thoroughly and allow to air dry. Do not rinse.

SANITIZING, EARING, DRINKING, AND FOCO PREP UTRINSES.

Remove gross food particles by a pre-scrape, a pre-flush and, when necessary, a

pessal treatment. Wash with a recommended delegent. Risse with clean water.

OF ULTRA FILTRATION AND REVERSE OSMOSIS (RO) MEMBRANES
Sanitize in a solution of 1.0 to 1.5 ft, oz. PERACLEAN® 5 dissolved in 5 gallons of water. PERACLEAN® 5 can be used for the sanitization of ultra filtration. Immerse all utensils for at least 60 seconds or contact time specified by governing medical and non-medical institutional/industrial reverse osmosis (RO) sanitary code. Drain and air dry.

For santitizing tableware in low temperature warewashing machines, inject PERACLEAN® 5 into the final rinse water at a concentration of 1.0 to 1.5 fl. oz. FERACLEAN® 5 dissolved in 5 gallons of water. Do not exceed 0.16 to 0.22% v/v. Air

peroxyacetic acid, periodically test the rinse solution with a suitable test kit and adjust acceptable levels when used as directed. Check with equipment the dispensing rate accordingly. Consult your technical service representative for manufacturer for manufac assistance and further information on sanitizing tableware in warewashing machines.

FOM SANITIZATION
PERACLEAN® 5 can be applied as a foam for sanitization for previously clean, hard parts of the system with an appropriate cleaner. Flush the system non-porous food contact surfaces and general environmental (non-food contact) with RO permeate or similar quality water. Remove mineral deposits

of water). This will provide 549 ppm of peroxyacetic acid and 2,967.

After preparing the PERACLEAN® 5 solution add 1.2 to 10.0 fl oz. of AGRHO FM-ppm hydrogen peroxide. Fill the entire water circuit to be sanitized. 2011. AGRHO FM-2011 is the only approved foam-generating additive for use with

3. Apply the sanitizing solution as a foam using commercially available foam generating equipment. Allow foam to contact surfaces at least one minute. For foot bath application, allow foam to remain on boot surface for one minute upon exiting the bath.

Drain items and or surfaces thoroughly.

Antimicrobial Rinse of Pre-Cleaned or New Returnable or

Non-Returnation Containers:

Non-Returnation Containers:

To reduce the number of non-pathogenic beverage spoilage organisms. Effective Barch Santrization (NON-FOOD CONTACT SURFACES) against Aspergillas versicologi(ATCC 9377)], Byssochlamys fulva ((ATCC 10099)). against spelagilius versuoliigi (10-25 301 fr.) posioniamis siume (IRCO-2005)), por Pinnis Systems Associate with RO Membranes Saccharomicus (IRCO-2535)). Lacibosalius buchneri (IRCO-2005)), and Saccharomicus (IRCO-27058).

Saccharomicus (IRCO-27058).

1-Prepare PERACLEAN® 5 solution by adding 31 ft. oz. to 5 gallons potable water. This includes

provides 2.632 ppm peroxyacetic acid.

2.Apply antimicrobial rinse at a temperature of 40°C to 60°C (104°F to 140°F) and allow a minimum seven-second contact period.

3. Allow containers to drain thoroughly, and then rinse with sterile or potable water

FINAL SANITIZING BOTTLE RINSE
PERACLEAN® 5 may be used as a final sanitizing rinse for returnable and nonreturnable bottles at a 0.16 to 0.22% dilution (1.0 to 1.5 fl. oz. PERACLEAN® 5 peroxide. Re-circulate the dilute PERACLEAN® 5 solution through dissolved in 5 gallons of water). This will provide 88 to 130 ppm of peroxyacetic acid.

INFLUENT WATER SYSTEMS

PERACLEAN® 5 should be fed continuously to incoming fresh water streams (nonpotable use only) at dosages ranging from 10 to 978 ppm peroxyacetic acid (200 to 20,000 ppm PERACLEAN® 5).

ACCEPTED

Mar 27, 2017

Under the Federal Insecticide, Fungicio and Rodenticide Act as amended, for t PA Reg. No. 54289-3

HARD SURFACE DISINFECTION
PERACLEAN® 5 disinfects as it cleans in one operation. PERACLEAN® 5 can be used to disinfect floors, walls and other hard PERALLEAPUED can be used as a pre-treatment on food contact prior to sanitization. For futures, sinks, bed frames, shelves, racks, carts, refligerators used duta as a pre-treatment on food contact prior to sanitization. For futures, sinks, bed frames, shelves, racks, carts, refligerators used duta 4.5 x 1.75 fi. oz of FERALCLENQS in 5 gallons of water, this will provide coolers, tile and use sites on this lateral form lindeum, myll non-porous glazed porcelain, plastic (such as polypropylene and polyethylene), stainless steel, or glass.

mentagrophytes [(ATCC 9533)], and Escherichia coli 0157:H7[(ATCC wet mop, cloth, or wet vacuum pickup. Prepare a fresh solution daily

Prior to sanitizing, remove gross food particles, then wash with a detergent solution, walls, floors, sink tops, and furniture. In addition PERACLEAN® 5

BATCH SANITIZATION (NON-FOOD CONTACT SURFACES)

PERACLEAN® 5 can be used for the sanitization of ultra filtration membranes and their associated distribution systems.

This product has been shown to be an effective disinfectant when Terroct-Envisor dissolved in 3 galliotis or male. Lot not exceed vito to 0.22.78 viv. had associated piping systems due to their construction and/or assembly, to insure that the PERACLEAN® 5 sanitizer concentration does not fall below 48 ppm but can be relied upon to reduce the number of microorganisms to manufacturer for membrane compatibility with PERACLEAN® 5

Remove biological or organic fouling from the membrane or other hard non-porous surfaces such as floors, wells, ceilings, drains, and boots. Foom with suitable acidic cleaner prior to sanitizing the membranes with applications can be used where penetration and retention of product for required times. PERACLEAND 5. Flush the system again with the RO permeate is difficult to achieve. For example, uses that include operating convergor belts and vertical or unevent surfaces. 1. Prepare a dilute PERACLEAN® 5 solution by adding 1.2 to 2.3 fl oz. per 5 gallons solution of the product (1 gallon of PERACLEAN® 5 to 100 gallons of water) This will provide 549 ppm of peroxyacetic acid and 2 967 with the dilute solution and allow the solution to reach a minimum of 20°C (68°E). Re-circulate the dilute solution of PERACI FAN® 5. for a minimum of 10 minutes. Allow membrane elements to soak in the solution for a minimum of 20 minutes. Rinse the RO system and test for residuals to ensure that there is less than 3 ppm peroxygen.

Diverting product water to drain can reduce residuals.

OF PIPING SYSTEMS ASSOCIATED WITH RO MEMBRANES

to ultraviolet light units. Estimate total volume of water contained in the system (tanks, rinse stations and piping). Prepare an appropriate volume of 1.0 to 1.5% PERACLEAN® 5 by adding 1.0 to 1.5 gallons of the product for every 100 gallons of solution prepared. Use RO permeate or similar quality water for dilution. This will provide 549 the system for a minimum of 4 hours. Process usage valves should be opened and closed to expose internals to the PERACLEAN® 5. Completely drain the system of dilute PERACLEAN® 5 solution. Thoroughly rinse the system by filling with RO permeate or similar quality water and re-circulate before drainage. Repeat the process until test for residuals indicates there is less then 3 ppm peroxygen.

PERACLEAN ® 5 ®

(PEROXYACETIC ACID SOLUTION)

PERACLEAN® 5 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 •Food and Beverage Plants Disinfecting Poultry Premises Animal Housing Facilities Reverse Osmosis Membranes and Ultra Hard Surface Disinfection in: Industrial Facilities Office Buildings Recreational Facilities Retail and Wholesale Establishments

Bacteria, Fungi, and Slime Control in: Pulp and Paper Mill Systems Dispersed Pigments Cooling Water Systems Coatings Preservation Label not for use in California

Active Ingredients Hydrogen Peroxide Peroxyacetic Acid 68.6% Inert Ingredients Net contents as stated on container

EPA Reg No: 54289-3

FPA FSTAR NO: 70547-II -001

Before Using This Product, Please Read This Entire Label Carefully. KEEP OUT OF REACH OF CHILDREN

FIRST AID

DANGER

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 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 to 20 minutes. Call poison

control center or doctor for treatment advice. If swallowed: Have person sip a class 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

tested by AOAC and EPA methods. This product may not eliminate all. If inhaled. Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably

Note to Physician: Probable mucosal damage may contraindicate the use of gastric layage PRECAUTIONARY STATEMENTS

DANGER, CORROSIVE. Causes irreversible eve damage and skin burns. May be fatal if inhaled or absorbed through the skin. Harmful if swallowed. Do not breathe vapors or spray mist. Do not get in eyes on skin or on clothing. Wear goggles and/ or face shield 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, chewing gum, using tobacco or using the toilet. 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. PERACLEAN® 5 is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate combustion.

FŃVIRONMFŃTAI HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. Caution should be used when applying indoors because pets may be at risk. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant 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 US Environmental Protection Agency.

STORAGE AND DISPOSAL

Storage and Disposal: Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store in original containers in a cool, well-vented 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, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL: Wastes 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 to 823 ppm peroxyacetic acid and 2,967 to 4,450 ppm hydrogen State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for

> CONTAINER DISPOSAL: Non-refillable container. Do not reuse our refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container.

> Containers 5 gallons or greater: Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth ensuring at least 1 complete revolution, for 30 seconds. Stand container on its end and tip back and forth several times. Empty rinsate into application equipment, mix tank, or store for disposal. Then offer for recycling, or dispose in a sanitary landfill, or incineration if allowed by state and local authorities by burning.



Manufactured by Evonik Corporation 299 Jefferson Rd Parsippany, New Jersey 07054-0677 CONTINUOUS/INTERMITTENT ADDITION TO MINIMIZE THE ACCUMULATION OF BIOLOGICAL CONTROL OF BACTERIA AND FUNGI IN NON-FOOD

MATTER BETWEEN INTERMITTENT SANITIZING EPISODES IN PIPING SYSTEMS ASSOCIATED CONTACT DISPERSED PIGMENTS

WITH RO MEMBRANES

Do Not Use for Any Applications Involving Food or Drinking Water Contact. the system. Adjust the addition rate of PERACLEAN® 5 or the solution and PERACLEAN® 5). eriodically monitor residual peroxygen so that the desired effect is obtained.

MILL PROCESS WATERS or continuous addition, do not exceed 20 ppm (1 fl. oz. of product per 440 - Continuous Feed - PERACLEAN® 5 should be fed continuously at allons of water) PERACLEAN® 5. This will give 1 ppm peroxyacetic acid and dosages ranging from 10 to 978 ppm peroxyacetic acid (200 to 20,000 ppm .3 ppm hydrogen peroxide. For intermittent feed, do not exceed 2,000 ppm (23 PERACLEAN® 5). This range is equivalent to 0.4 to 40 lbs. PERACLEAN® 5 oz. of product per 100 gallons of water) PERACLEAN® 5. This will give 100 per ton (dry basis) of pulp or paper produced. m peroxyacetic acid and 530 ppm hydrogen peroxide.

NEECTION OF POULTRY PREMISES, TRUCKS, COOPS, AND CRATES

OULTRY HATCHERY DISINFECTION

move all poultry and feeds from premises, trucks, coops and crates. Remove Shock Dose - PERACLEAN® 5 should be shock dosed at dosages ranging Il litter and droppings from floors, walls and surfaces of facilities occupied or from 98 to 1,956 ppm peroxyacetic acid (2,000 to 40,000 ppm PERACLEAN® raversed by poultry. Empty all troughs, racks and other feeding and watering 5). This dosage may be equivalent to 4 to 80 lbs. PERACLEAN® 5 per ton (dry pliances. Thoroughly clean all surfaces with a detergent and rinse with water. basis) of pulp or paper produced during the feed period. Saturate surfaces with a 0.23% (1.5 fl. oz./5 gal.) solution of PERACI FAN® 5 for a period of 10 minutes. Ventilate buildings, coops and other closed spaces. Control of slime forming BACTERIA TO COOLING WATER SYSTEMS Do not house poultry or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders.

Severely fouled systems should be cleaned before adding the PERACLEAN® cleaning and rinsing requirements.

DISINFECTION AND DEODORIZING OF ANIMAL HOUSING FACILITIES (BARNS, KENNELS,

HUTCHES, ETC.)

Do not use in milking stalls, milking parlors, or milk houses (for phenolics, DO Not use in minimal scans, minimal paints, the part of the properties of source of the properties of and enclosures. Remove litter, waste matter, and gross soils from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding For Treatment of Raw, Unprocessed Fruit and Vegetable Surfaces PERACLEAN® 5 for a period of 10 minutes. Immerse all halters, ropes, and harvest fruits and vegetables during the post-harvest process other types of equipment used in handling and restraining animals, as well as 1.Ensure room is properly ventilated. Vacate all personnel from room during forks, showels, and scrapers used for removing litter and manure. Ventilate fogging and for a minimum of 2 hours after fogging. Ensure there is no strong buildings, cars, boats, and other closed spaces. Do not house livestock or odor characteristic of acetic acid before having personnel return to work area. employ equipment until treatment has been absorbed, set, or dried. Thoroughly Do not enter room until hydrogen peroxide concentrations are correctly tested scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and are below 1 ppm on a time weighted average and waterers with soap or detergent, and rinse with potable water before reuse. 2.Fog areas using one quart of a 0.2% solution (3.5 fl. oz. per 16 gallons of

BIOFOULING CONTROL IN PULP AND PAPERMILL SYSTEMS

For use in the manufacture of paper and paperboard intended for food-contact and non-food contact. PERACLEAN® 5 can be used to control bacteria, fundi and fresh water organisms in paper, paperboard, or non-woven process water and influent water systems. Suitable dosing points include but are not limited to: stock chests, pulpers, the white water loop and white water storage systems and influent water streams.

TREATMENT FOR NON-POTABLE WATER SYSTEMS (WASH TANKS, DIP TANKS, H TANKS, EVAPORATORS, HUMIDIFICATION SYSTEMS AND/OR STORAGE TANKS

Treat water containing plant pathogens with 0.56-2.1fl. oz. of PERACLEAN® 5 for every 10 gallons of water. This will provide 24 to 85 ppm peroxyacetic acid

POST HARVEST SPRAY TREATMENTS ON PROCESS AND PACKING

and spray bar system make up system water on process and packing lines is for sanitizing surfaces such as packing house conveyors and harvesting vent bacterial and fungal diseases on postharvest fruits and vegetables Inject at a rate of .06-0.23 fl.oz of concentrate per gallon of clean water. This will plants. provide 24-100.0 ppm of peroxyacetic acid in the use solution. For best results, PERACLEAN® 5 is an effective sanitizer against microoganisms such as where dump tanks are used, make post harvest spray treatment as produce is Xanthomonas campestris (axonopodis) pathovars cirumelo (citrus canker leaving dump tanks.

Applicable for use on all types of post harvest commodities

PERACLEAN® 5 can be used in the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, titanium PERACLEAN® 5, as received or diluted, may be added continuously to the dioxide, calcium carbonate, calcium sulfate, banum sulfate, magnesium feed water system, between system sanitizing episodes, to aid in minimizing silicate and diatomaceous earth used in paint and paper production. Add 0.3 the re-growth/accumulation of biological matter. The peroxygen residual in the to 1.5 lbs. (4.1 to 20.6 fl. oz.) of PERACLEAN® 5 to each 1,000 lbs. of pigment stem which will be effective will vary with the design and usage characteristics slurry. This will provide 14.6 to 73.5 ppm peroxyacetic acid (300 to 1,500 ppm

 Intermittent Feed - PERACI FAN® 5 should be fed intermittently (6 to 8 times per day) at dosages ranging from 10 to 978 ppm peroxyacetic acid (200 to 20,000 ppm PERACLEAN® 5). This dosage is equivalent to 0.4 to 40 lbs. PERACLEAN® 5 per ton (dry basis) of pulp or paper produced during the feed period.

(COOLING TOWERS EVAPORATIVE CONDENSERS).

fountains and waterers with a detergent and rinse with potable water before 5 solution. PERACLEAN® 5 should be added in the system directly and reuse. See your technical representative for specific recommendations for all not mixed with any other chemicals or additives. Contamination with other chemicals could result in product decomposition.

•Add PERACLEAN® 5 at a point in the system where uniform mixing and even distribution will occur.

*Use 0.3 to 1.5 lb. (4.1 to 20.6 fl. oz.) of PERACLEAN® 5 per 1,000 gallons treatment as required to maintain control.

and watering equipment. Thoroughly clean all surfaces with detergent and PERACLEAN® 5 can be applied by fogging to control the growth of non-public rinse with water. Saturate surfaces with a 0.23% (1.5 fl. oz./5 gal.) solution of health microorganisms that may cause decay and/or spoilage on raw, post-

water) per 1,000 cu. ft. of room volume. Allow surfaces to drain thoroughly before operations are resumed.

FRUIT AND VEGETABLE WATER TREATMENT

This product may be used to help control spoilage or decay-causing bacteria in commercial operations and packinghouses.

PERACLEAN® 5 can be applied as a dip or spray to control the growth of non-public health 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 at the roller spreader, washer manifold, dip tank, on the brushes or elsewhere in the nost-harvest process prior to simultaneously with or after determent wash 1. Prepare treating solution by diluting 1.12 to 3.5 fl. oz. per 16 gallons of water

This will provide 30 to 100 ppm of peroxyacetic acid. 2. 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

3. The treated produce can be drain dried without a potable water rinse

SURFACES TREATED TO CONTROL SPREAD OF CITRUS CANKER

PERACLEAN® 5 can be used to control the spread of citrus canker inject PERACLEAN® 5 directly into spray, misting, humidification, fogging between inaminate surfaces and inanimate surfaces to plants. This product equiptmment and containers. This product is not for treatment of infected

surrogate)

 Remove gross contamination with a cleaner or suitable detergent and rinse with notable water.

2.Use PERACLEAN® 5 at a dilution of 9.9 to 16.0 fl. oz per 50 gallons of water (85-137.2 ppm peroxyacetic acid and 460-742 ppm of hydrogen peroxide) as a general sanitizing course spray.

Allow sanitizer to contact surface for at least one minute.

4. Allow to air dry, do not rinse

10-29-15