



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 11, 2025

Julie Ownbey  
Senior Regulatory Manager, Hygiene  
Arxada, LLC  
Electronic Transmittal: [julie.ownbey@arxada.com](mailto:julie.ownbey@arxada.com)

Subject: PRIA Label Amendment – Add Additional Public Health Microorganisms claims with revised Label.  
Product Name: Peraguard  
EPA Registration Number: 63838-32  
Received Date: 11/29/2023  
Action Case Number: 00495057

Dear Julie Ownbey:

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.

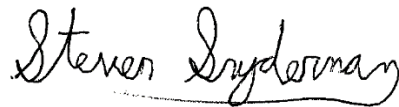
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6), you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

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 with FIFRA section 6. If you have any questions, please contact Srinivas Gowda by phone at 202-565-0078, or via email at [gowda.srinivas@epa.gov](mailto:gowda.srinivas@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Steven Snyderman". The signature is written in a cursive style with a horizontal line underneath the name.

Steven Snyderman, Product Manager 33  
Regulatory Management Branch II  
Antimicrobials Division (7510M)  
Office of Pesticide Programs

**Enclosure:** Efficacy Review \_ Peraguard \_ EPA Reg. No. 63838-32

# PeraGuard®

Peracetic Acid (PAA)  
Floor & Equipment Sanitizer

**Active Ingredients:**

Hydrogen Peroxide 14.3%

Peroxyacetic Acid 2.1%

**Inert Ingredients:** 83.6%

Total 100%

**ACCEPTED**

02/11/2025

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 63838-32

EPA Reg. No. 63838-32

EPA Est. No. 63838-CA-01, 63838-AR-001

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

## FIRST AID

IF IN EYES	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF SWALLOWED	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
QUESTIONS? 1-209-581-9576	<ul style="list-style-type: none"><li>• Have the product container or label with you when calling a poison control center or doctor or going for treatment.</li></ul>
<b>NOTE TO PHYSICIAN:</b>	<ul style="list-style-type: none"><li>• Probable mucosal damage may contraindicate the use of gastric lavage.</li></ul>

Manufactured By:



ENVIRO TECH CHEMICAL SERVICES, Inc.

500 Winmoore Way, Modesto, CA 95358

209-581-9576 or [www.envirotech.com](http://www.envirotech.com)

24 hr Emergency Number: 1-800-424-9300 (CCN864796)

**US Patent # 9,370,180**

Net Contents:

Lot #

V7

{Note to reviewer: The following claims listed on pages 2 & 3 are considered optional marketing language}

**{CLEANING CLAIMS:}**

- Cleaner
- Inhibition of mold growth

**{SANITIZATION CLAIMS:}**

- Non-Food Contact Surface Sanitizer<sup>2</sup>
- [Dry][powdered][solid][granular][foot pan] [floor] sanitizer<sup>2</sup>
- Efficacious for dry floor sanitizing<sup>2</sup> and deodorizing
- Formulated to kill up to 99.9% of bacteria<sup>2</sup> when used as a nonfood contact sanitizer
- Apply as solid nonfood contact [powder] floor [foot pan][floor mat][boot][drain surface][surface][animal premise] sanitizer<sup>2</sup>
- [Solid][floor][foot pan][floor mat][boot][drain surface][surface][animal premise] nonfood contact sanitizer<sup>2</sup> [powder]
- Apply as a solid [floor][foot pan][floor mat] [drain surface][animal premise] sanitizer<sup>2</sup>

**{DISINFECTION CLAIMS:}**

- Reduction<sup>3</sup> of [Pseudomonas aeruginosa (Pseudomonas) [(ATCC# 15442)]] [Staphylococcus aureus (Staph) [(ATCC# 6538)]] [Salmonella enterica (Salmonella) [(ATCC# 10708)]] when used as a disinfectant on floor surfaces
- Effective as a disinfectant against Avian Influenza [(Influenza A (H3N2)) Virus<sup>4</sup>
- [Broad Spectrum] [Hospital use] Disinfectant<sup>3</sup>

**{ODOR ELIMINATION CLAIMS:}**

- Controls odor
- Controls and inhibits odor causing bacteria

**{USAGE CLAIMS:}**

- For use in non-food contact areas of Dairy, Food, Meat, and Beverage processing Facilities
- For use as a sanitizer in high traffic areas and forklift routes
- For use as a dry non-food contact surface sanitizer, or as a disinfectant, on hard, nonporous surfaces in a variety of premises, including but not limited to, Federally Inspected Food Processing Facilities, Federally Inspected Meat And Poultry Plants, Dairies, Wineries, Breweries, Beverage Manufacturing Facilities, FDA Inspected Facilities, USDA Inspected Facilities, Bakeries, Dairy Farms, Swine Farms, Poultry And Turkey Farms, Farm Premises, Hatcheries, Refrigerated Trucks<sup>1</sup>, Kennels, Farrowing Rooms, Wean To Finish, Ante Rooms, Transportation Vehicles, Livestock Vehicle Entries, Live Production Offices, Feed Mills, Live Haul Facilities, Biosecurity Perimeters, Cattle Pens, Receiving Yards, Pet Animal Quarters, Zoos, Pet Shops, Animal Laboratories, Veterinary Facilities, Animal Care Facilities, Vivariums, Animal Research Facilities, Pet Shops, Veterinary Diagnostic Laboratories, Food Service Facilities, Kitchens, Grocery Stores, Deli Areas, Drains, Refrigerated Trucks<sup>1</sup>, Coolers<sup>1</sup>, Freezers<sup>1</sup>, Trash Docks, Loading Bays, Facility Entryways, Doorways, High Traffic Passages, Oven Entrances, Wheels, Forklifts, Floor Scrubber, Warehouses, Dairy Brick, [and] Hemp Facilities.
- Farm Use
- [Farm][Processing site] Entryway Intervention
- Doorway intervention
- Powder [Dry Product] For Use in Non-Food Contact Areas of Dairy, Food, Meat, and Beverage Processing Facilities
- This dry product is odorless and non-dusting for use on all pre-cleaned hard, nonporous, non-food contact surfaces in USDA inspected meat, poultry and seafood plants, wineries, breweries, cheese and dairy processing plants, packaging rooms, milking barns, farm animal housings, hatcheries, forklift and foot traffic lanes, poultry and meat operations and their transport vehicles, kennels, animal laboratories, animal care, pharmaceutical plants, kitchens, restaurants, or anywhere human or pet food or beverages are processed.

**{FORMULATION CLAIMS:}**

- Non-slip formulation
- Sustainable formulation
- Easy to dispense
- Packaged powder does not freeze
- Patented formula
- Sustainable formula
- Free-flowing powder
- Does not require titration
- No pre-dilution necessary
- Non-dust
- Non-irritating
- Non-staining
- Non-flammable

**{SURFACE COMPATIBILITY CLAIMS:}**

- Compatible with [concrete] [tile] [and] [polymer coating] floor surfaces

**{SUSTAINABILITY CLAIMS:}**

- Reduced water consumption<sup>5</sup>
- Reduces the amount of water needed during cleaning<sup>5</sup>
- Less frequent product replacement<sup>5</sup>
- Reduces amount of water usage during cleaning<sup>5</sup>
- Compatible with wastewater systems

**{OTHER CLAIMS:}**

- Take charge of your [biosecurity][sanitation] program
- Take a step forward on your [biosecurity][sanitation] program
- Aids in the reduction of slips, trips, and falls
- Helps remove sticky resins
- Clings to the surface of footwear
- Clings to the surface of wheels
- Replenish[daily][weekly][monthly] as needed
- No need for external drain
- Stain removal
- Easy to measure/verify active ingredient levels
- Less frequent replacement
- Does not require drainage
- Aids in environmental control
- Approved for inclusion in food safety plans
- Not regulated for transport
- Not regulated for DOT

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### DANGER: CORROSIVE

Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

## PHYSICAL AND CHEMICAL HAZARDS

Do not mix with or store near any chlorinated chemicals, reducing agents or acid products.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### EQUIPMENT PRE-CLEANING AND CLEANING INSTRUCTIONS

Remove visible soil from surfaces. Add 5-15 oz (0.3-0.9 lbs) of this product per gallon of warm, hot or ambient water and dissolve thoroughly. Brush, spray, foam or wipe the wash solution onto area. Scrub or pressure wash surface if desired.

BLEACHING/CIP: This product may be used as an oxygen bleach and destainer, or for use as a peroxygen adjunct for alkaline CIP pipeline or COP cleaning procedures. Use at the rate of 2-10 lbs per 100 gal of cleaning solution.

### SANITIZING OF HARD, NON-POROUS, INANIMATE, NON-FOOD CONTACT SURFACES

A precleaning step (above) is required for sanitizing claims. This product eliminates 99.9% of the following bacteria in 5 minutes on hard, non-porous, inanimate, non-food contact surfaces according to the Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces: *Klebsiella aerogenes* (ATCC 13048), *Staphylococcus aureus* (ATCC 6538), *Escherichia coli* O157:H7 (ATCC 35150), *Listeria monocytogenes* (ATCC 19117), and *Salmonella enterica* (ATCC 10708).

### SANITIZING OF NON-FOOD CONTACT SURFACES

Add a solution of 5.0-14.7 oz. of this product per gallon of water (37.5–110 grams per liter of water) to sanitize hard, non-porous surfaces. Apply sanitizer use-solution to pre-cleaned, hard, non-porous surfaces with a cloth, mop, sponge, sprayer or by immersion. For spray applications, use a coarse pump or trigger sprayer. Spray 6-9 inches [15-22 cm] from surface. Treated surfaces must remain visibly wet for at least 5 minutes, then wipe with sponge, mop or cloth or allow to air dry. A water rinse is optional. Use within 8-16 hours after powder has been dissolved in water. Discard used or old solutions daily.

### DIRECTIONS FOR TREATMENT OF FLOOR, FLOOR MAT, DRAIN AREAS

To reduce cross contamination between treated hard, non-porous surfaces, apply product evenly to the surface, floor mat, containment device, or drain surface, at a minimum rate of 3.7 oz. [105 grams] per 100 sq.ft. (or 1.05 gms per 1 sq. ft.) of floor surface containing no more than 0.97 fl. oz. [28 ml] of water per square foot (sq ft). If water amount exceeds 0.97 fl. oz. per square foot, such as floors with rough surfaces, the minimum application rate of this product must increase to support an equivalent concentration of 7.4-14.7 oz (which equals an application rate of 210 – 315 gms [0.46-0.7 lbs] per 100 sq. ft) of this product per gallon of water. Spread rates should therefore be proportional to the roughness of the surface. In this case apply product at lower rates for smooth surfaces or the higher rates for moderate or very rough surfaces. Product may be re-applied during the production process or be replaced daily or as needed.

**Application (Spread) Rate:** 105, 210 or 315 gms/100 sq ft equals 0.23, 0.46 or 0.7 lbs per 100 sq.ft, respectively.

**Metric equivalence:** 110, 220, or 330 gms/10 sq meters equals 0.11, 0.21 or 0.32 KG per 10 sq meters

{Note to reviewer: There is an ongoing effort for Enviro Tech Chemical Services, Inc. to produce an efficacy protocol for review by EPA regarding the following use directions for sanitizing foot baths.}

#### **APPLICATION INSTRUCTIONS FOR USE AS A HARD, NON-POROUS OR HARD SEALED [FLOOR] [FOOT PAN DRAIN AREAS] [FLOOR SURFACE] [BOOT] SANITIZER:**

This product does not become active until it comes in contact with the presence of water. After cleaning and sanitizing the processing area (equipment and floors), for best results the entire entryway path must be covered with the product. [Apply] [Spread] the product evenly to the [entryways] [surface] [floor] [containment device] [and] [drain] at the entryways to the processing area at a rate of 3.7 oz [105 grams] of product then add to 1 gallon of water to 100 sq ft of floor space, (or equivalent use dilution). Allow product to dissolve on the surface before walking on or through the treated area. Product may be re-applied during the production process or be replaced daily or as needed. Replace solution when visibly soiled.

#### **SANITIZING DIRECTIONS [FOOT PANS] [FLOOR BATHS] ] [FOOTDIP] [AND] [FLOOR MATS]:**

This product does not become active until it comes in contact with presence of water. Apply product evenly to [floor mat] [foot bath] [and/or] [foot pans], [containment device], by adding water at a rate of 3.7 oz. [105 grams] product per 1 gallon of water. Allow product to dissolve prior use. Replace solution when visibly soiled.

#### **GENERAL DISINFECTION DIRECTIONS FOR HARD NON-POUROUS, NON-FOOD CONTACT SURFACES**

This product is a (broad spectrum) disinfectant when applied at a rate of 8.7 oz. of this product per gallon of water (65 grams per liter of water). This product was found effective in the presence of 400ppm hardness against:

*Pseudomonas aeruginosa* [(Pseudomonas)] [(ATCC# 15442)]  
*Staphylococcus aureus* [(Staph)] [(ATCC# 6538)]  
*Salmonella enterica* [(Salmonella)] [(ATCC# 10708)]

This product is a (broad spectrum) disinfectant when applied at a rate of 5.0-14.7 oz. of this product per gallon of water (37.5–110 grams per liter of water). This product was found effective in the presence of 400ppm hardness against:

*Salmonella* [enterica] [subspecies] [enterica] [serovar] [Enteritidis] [ATCC 13076]

#### **APPLICATION INSTRUCTIONS:**

A pre-clean step (as mentioned above under EQUIPMENT PRE-CLEANING AND CLEANING INSTRUCTIONS) is required for disinfection. Mix 8.7 -26 oz. of this product per gallon of water (65-195 grams per liter of water). Visibly wet surfaces by pouring, wiping, soaking, scrubbing, sponge, using a clean in place (CIP) system, pumping it through the system, or mopping. In CIP systems, full flow/pressure must be achieved in the system at the start of and maintained through the duration of the contact time. Allow surfaces to remain visibly wet for at least 10 minutes. Allow product to completely dissolve prior to use.

#### **VIRUSES**

This product is an effective disinfectant on the listed viruses when applied at the rate of 5.0-14.7 oz. of this product per gallon of water (37.5–110 grams per liter of water). This product was tested using 400ppm water hardness with a 10-minute contact time against: Avian Influenza A [(Influenza A (H3N2)) Virus [(ATCC VR-2072)] [(Strain A/Washington/897/80 x A/Mallard/New York/6750/78)], Infectious Laryngotracheitis [ILT] Virus [(Strain LT-IVAX)], Swine Influenza A (H1N1) Virus [(ATCC VR-333)] [(Strain A/Swine/Iowa/15/30)]. Using the precleaning step defined above, remove all visible soils from the surface. Mix 5.0-14.7 oz. of this product per gallon of water (37.5–110 grams per liter of water). Apply to the surface and allow to remain visibly wet for 10 minutes.

{Note for reviewer: For labels that list medical premises and metal and / or stainless steel surfaces, one of the following statements must be used:}

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that [1] is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or [2] contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of

the body. [This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.]

{or}

This product is not for use on medical device surfaces.

## **CLEANING COOLING TOWERS OR NON-POTABLE RECIRCULATING WATER SYSTEMS**

Mix and dissolve this product in water and pour into system reservoir or add product at the inlet side of water recirculating pump. For mild cleaning or maintenance dosing, apply at the rate of 0.4-4 lbs per 100 gal of system water every 1-3 days. For heavy cleaning or visibly fouled systems, add product at the rate of 2-20 lbs per 100 gal of system water. The amount and circulation time needed will vary depending on the amount of organic matter or slime present in the system. The recommended pH of the final solution is 9-11 and circulation times of 1-5 hours are preferred.

## **[FARM USES**

For the control of malodors and ammonia in animal barns, parlors, poultry houses or hatcheries, apply this dry product at the rate of 20-50 lbs per 1,000 sq. ft. of floor space. Do **not** use this product in conjunction with, before or after the use of any other acid-based products, as they are not compatible.]

**Note:** This product is alkaline and does not contain acetic acid or quaternary ammonium "quat" compounds. It is stable in water up to 130°F.

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## **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original, closed container in a dry location away from heat and out of direct sunlight. Keep away from combustible material. Do not return unused product to container.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative as the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** nonrefillable drum with plastic liner bag containers, bags or sacs greater than 5 pounds: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed in accordance with local, state and federal regulations. When completely empty, offer for recycling if available or dispose of bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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### Footnotes:

<sup>1</sup>Allow surfaces to come to room temperature prior to treatment

<sup>2</sup>Kills 99.9% of *Klebsiella aerogenes*[,] [and] *Staphylococcus aureus*[,] [*Escherichia coli* O157:H7][,] [*Listeria monocytogenes*] [and] [*Salmonella enterica*] on hard, non-porous, non-food contact surfaces in 5 minutes

<sup>3</sup>Kills 99.9% of [*Pseudomonas aeruginosa*][,] [and] [*Staphylococcus aureus*] [and] [*Salmonella enterica*] on hard, non-porous, non-food contact surfaces in 10 minutes

<sup>4</sup>Kills 99.9% of Avian Influenza A [(Influenza A (H3N2)) Virus on hard, non-porous, non-food contact surfaces in 10 minutes

<sup>5</sup>Compared to Ready-To-Use Products

## **PeraGuard®**

Manufactured By:

Enviro Tech Chemical Services, Inc.

500 Winmoore Way, Modesto, CA 95358

209-581-9576 or [www.envirotech.com](http://www.envirotech.com)

24 hr Emergency Number: 1-800-424-9300 (CCN864796)