PEROXY 15
EPA Registration No. 65402-3-10428
EPA Est. No. 00279-NY-003
For Industrial Use Only
Active Ingredients:
- Hydrogen Peroxide: 15%
- Hydrogen Peroxide: 10%
Inert Ingredients: 75%
Total: 100%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

PEROXY 15 is for institutional/industrial sanitizing of previously cleaned non-food contact surfaces in:
- Dairies, Wineries, Breweries and Beverage Plants
- Meat and Poultry Processing/Packaging Plants
- Milk and Dairy Products Processing/Packaging Plants
- Seafood and Produce Processing/Packaging Plants

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes eye and skin damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Do not inhale vapor or spray mist. Do not enter an enclosed area without proper respiratory protection.

Physical or Chemical Hazards
Strong oxidizing agent. Mist with water. PEROXY 15 F & V is not combustible; however, at temperatures exceeding 150°F, decomposition occurs releasing oxygen. The oxygen released could ignite or promote combustion of other materials.

Environmental Hazards
This pesticide is toxic to birds, mammals, fish and aquatic invertebrates. Do not discharge into water. Do not contaminate water sources.

FIRST AID
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
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.
- Call a poison control center or doctor for treatment advice.

If on skin or clothing:
- Take off contaminated clothing.
- Rinse skin thoroughly with plenty of water for 15-20 minutes.

If inhaled:
- Move person to fresh air.
- Call a poison control center or doctor for further treatment advice.

If swallowed:
- Give water or if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.

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

DIRECTIONS FOR USE

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

Foam Sanitization

PEROXY 15 can be applied as a foam for sanitization of previously cleaned, hard, non-food-contact surfaces and contact in general environments (non-food contact) hard, non-food surfaces such as floors, walls, ceilings, drains and boots. Foam applications can be used where penetration and retention of product for required times is difficult to achieve. Examples include operating conveyor belts, vertical, or unlined surfaces.
1. Prepare a dilute PEROXY 15 solution by adding 0.3 to 0.5 fluid ounces per 4.5 gallons of potable water.
2. After preparing the PEROXY 15 diluted solution, add 1 to 10 fluid ounces of H2O2 at 2 to 20 fluid ounces of H2O2 per 4.5 gallons of diluted solution. After the H2O2 and H2O2 is added, adjust the total volume to 5 gallons. H2O2 and H2O2 are the only approved foam-generating additives for use with PEROXY 15.
3. Apply the sanitizing solution as a foam using commercially available foam generating equipment. Allow foam to contact surfaces at least one (1) minute. For foot bath application, allow foam to remain on the boot surface for one minute upon contact with the boot.
4. Drain items and/or surfaces thoroughly.

Sanitization of Non-porous Food Contact Surfaces

For use in circulation cleaning and institutional/industrial sanitizing of previously cleaned non-porous food contact surfaces and equipment, such as pipelines, tanks, vats, filterers, evaporators, pasteurizers, and asseistic equipment in:
- Dairies, Wineries, Breweries and Beverage Plants
- Meat and Poultry Processing/Packaging Plants
- Milk and Dairy Products Processing/Packaging Plants
- Seafood and Produce Processing/Packaging Plants
- Food Processing/Packaging Plants
- Egg Processing/Packaging Equipment Surfaces
- Eating Establishments, and in

Final Sanitizing Bottle Rinse

PEROXY 15 is an effective sanitizer against Staphylococcus aureus, Escherichia coli, Listeria monocytogenes and Salmonella typhimurium.

Clean equipment immediately after use:
1. Remove gross particulate matter with a warm, wet wash. Use water with detergent or cleaning solution.
2. Rinse equipment with potable water.
3. Prepare PEROXY 15 solution by adding 0.31 to 0.45 fluid ounces to 5 gallons potable water. This provides 85 to 123 ppm peracetic acid and 57 to 82 ppm hydrogen peroxide.
4. Fill closed systems with warm sanitizing solution for a contact time of one (1) minute.
5. If sanitizing against Listeria monocytogenes use 0.4 to 0.45 fluid ounces (106 to 123 ppm peracetic acid and 73 to 82 ppm hydrogen peroxide) of product to 5 gallons of potable water.
6. For open or not completely closed systems, use a coarse spray, mop/wipe or fogging technique to apply the solution to the surface for a contact time of at least one (1) minute. Allow surfaces to drain thoroughly before resuming operation.

FINAL SANITIZING BOTTLE RINSE

PEROXY 15 may be used as a final sanitizing rinse for plastic, glass or metal returnable and non-returnable bottles/cans.
1. Wash bottles with detergent or cleaning solution and rinse with potable water.
2. Rinse bottles/cans with a solution prepared by mixing 0.31 to 0.45 fluid ounces of Vigor Ox® LS-15 to 5 gallons of potable water. This provides 85 to 123 ppm peracetic acid and 57 to 82 ppm hydrogen peroxide. Allow to drain dry.

FOGGING

PEROXY 15 is for sanitizing hard surfaces as an adjunct to acceptable manual cleaning and disinfecting of room surfaces.
1. Prior to fogging, remove or carefully protect all food products and packaging materials.
2. Ensure room is properly ventilated. Vacate all personnel from the room during fogging and for a minimum of 2 hours after fogging. Ensure there is no strong odor, characteristics of acidic, before having personnel return to work area.

Surface Disinfection

PEROXY 15 is an effective one-step cleaner and disinfectant against gram positive and negative bacteria (vegetative forms) such as Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa, and other microorganisms effective in hard water (up to 400 ppm of calcium carbonate equivalent), and in the presence of moderate organic soil. It may be used in general commercial and medical environments to clean, disinfect, and deodorize inanimate surfaces, such as:
- Floors, walls, and other nontoxicous surfaces such as tables, chairs, counter tops, garbage cans/trash, bathroom fixtures, sinks, bed frames, shelves, racks, carts, refrigerators, coolers, glazed tile backsplash, tile grout, sealed asphalt, glazed porcelain, plastic (such as polypropylene and polyethylene), stainless steel or glass.
- Areas of use in hospitals, surgical and obstetrical suites, operating tables, housekeeping services, physical therapy departments, sinks, toilets, bathtubs, ewators, health care facilities, auto repair facilities, pharmaceutical and chemical processing facilities and equipment.
- Schools, colleges, industrial facilities, dietary areas, office buildings, recreational facilities, retail and wholesale establishments.
- Animal hospitals, veterinary care clinics, animal life science laboratories, kennels, kennel runs, cages, feeding and watering equipment, pet shops, zoos, pet animal quarters, poultry premises, trucks, hatcheries, and live stock quarters.

Antimicrobial Rinse of Precleaned or New Returnable or Non-Returnable Containers

To reduce the number of pathogenic biological spoilage organisms such as Aspergillus versicolor, Byssochlamys ribis, Penicillium decemsporum, Lecithosporium bivulce, and Saccharomyces cerevisiae, use up to 10 fluid ounces of product per 5 gallons of water. This provides 7200 ppm peracetic acid and 1600 ppm hydrogen peroxide. After applying the antimicrobial rinse, allow containers to drain thoroughly. Rinse with sterile or potable water.

PEROXY 15 may be mixed with any non-foaming agent, Peradigm® and applied at room temperature or at a minimum of 25 oC.
1. Mix a minimum of 0.5 fluid ounce PEROXY 15 Antimicrobial Agent with Peradigm in 4.5 gallons of water.
2. Add a maximum of 43 fluid ounces of Peradigm to the dilute solution, and bring total volume to 5 gallons. This provides 125 ppm peracetic acid and 85 ppm hydrogen peroxide.
3. Apply solution, allowing a minimum contact time of 30 seconds.
4. Rinse with sterile or potable water.

STORAGE AND DISPOSAL

STORAGE

NEVER RETURN PEROXY 15 TO THE ORIGINAL CONTAINER AFTER IT HAS BEEN OPENED/WELDED. Avoid all contaminants, especially dirt, caustic, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of decomposition, isolate container, douse container with cool water and dilute with large volumes of water. Avoid damage to containers. Keep container closed at all times when not in use. Keep container out of direct sunlight. To maintain product quality, store at temperatures below 86°F. Do not store on wooden pallets.

PROCEDURE FOR LEAK OR SPILL

Stop leak if this can be done without risk. Shut off ignition sources; no flames, smoking, flares, or spark producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Unlisted material should not enter confined spaces.

DISPOSAL

Pesticide Disposal

If material has been spilled, an acceptable method of disposal is to dilute with at least 20 volumes of water followed by discharge into suitable treatment system in accordance with local, state, and federal environmental laws, rules, regulations, standards, and other requirements. Because acceptable methods of disposal may vary by location, regulatory agencies should be contacted prior to disposal.

PEROXY15 F&V which is to be discarded should be disposed of as hazardous waste after contacting the appropriate local, state, or federal agency to determine proper procedures.

CONTAINER DISPOSAL

Empty drums are not returnable to FMC unless special arrangements have been made. Triple rinse drums with water. Disposal of drums in accordance with local, state, and Federal regulations. DO NOT REUSE.

Note: May cause bleaching of treated surfaces; test commodity if unsure.

Note: Before using PEROXY 15 to sanitize metal surfaces, it is recommended that the diluted solution be tested on a small area to determine compatibility. In all applications always prepare a new solution daily to ensure effectiveness. Do not re-use solutions. Dispose of unused solution.