

# PERASIDE

## A Peroxyacetic Acid-Based Sanitizer/Disinfectant

For Use in Organic Production

**Institutional/Industrial Sanitizer for Previously Cleaned Hard, Non-Porous Food Contact Surfaces in:**  
Dairies, Food and Beverage Plants, Poultry and Egg Facilities, and Animal Housing.

### Active Ingredients:

Peroxyacetic Acid.....5.9%

Hydrogen Peroxide.....27.3%

**Inert Ingredients:**.....66.8%

Total.....100.0%

EPA Reg. No. 66171-103

EPA Est. No. 66171-TN-001 EPA Est. No. 66171-CA-001

EPA Est. No. 61282-WI-01 EPA Est. No. 47000-IA-01

(First letter of batch number indicates establishment)

**KEEP OUT OF REACH OF CHILDREN  
DANGER/PELIGRO**

*See inside booklet for additional Precautionary Statements and complete Directions for Use*

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

### First Aid

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

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**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 a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. 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.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**HOT LINE NUMBER:** For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

### Manufactured by:

Preserve International  
944 Nandino Blvd.  
Lexington, KY 40511 U.S.A.

Preserve International is a wholly-owned  
subsidiary of Neogen Corporation  
L5478-1017

Item No. 406047/5



**Net Contents: 5 gal. (18.9 L)**

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. CORROSIVE.** Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled. Do not get into eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Wear goggles or face shield and rubber gloves and protective clothing when handling. 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 clothing before reuse.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

### PHYSICAL AND CHEMICAL HAZARDS

**STRONG OXIDIZING AGENT. CORROSIVE.** Mix only with potable water at 60-80°F. Product must be diluted in accordance with label directions prior to use. This product is not combustible, however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen release could initiate combustion. Never bring this product in contact with other sanitizers, cleaners, or organic substances.

### DIRECTIONS FOR USE

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

**FOOD CONTACT SANITIZING PERFORMANCE:** At 1 fl. oz. per 3 gal. of water (or equivalent use dilution), this product eliminates 99.999% of the following bacteria in 60 seconds in 500 ppm hard water (calculated as CaCO<sub>3</sub>) according to the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test:

<i>Aeromonas hydrophila</i> (ATCC 23213)
<i>Clostridium perfringens-vegetative</i> (ATCC 13124)
<i>Enterobacter sakazakii</i> (ATCC 29544)
<i>Escherichia coli</i> (ATCC 11229)
<i>Escherichia coli</i> O103:K:H8 (ATCC 23982)
<i>Escherichia coli</i> O111:H8 BAA-184
<i>Escherichia coli</i> O121:K:H10 ECL 39W
<i>Escherichia coli</i> O145:H28 BAA-1652

<i>Escherichia coli</i> O157:H7 (ATCC 35150)
<i>Escherichia coli</i> O26:H11 BAA-1653
<i>Escherichia coli</i> O45:K:H- ECL 1001
<i>Klebsiella pneumoniae</i> (ATCC 4352)
<i>Salmonella enterica</i> (ATCC 10708)
<i>Salmonella enterica</i> serotype <i>enteritidis</i> (ATCC 4931)
<i>Salmonella typhi</i> (ATCC 6539)
<i>Shigella dysenteriae</i> (ATCC 9361)
<i>Shigella sonnei</i> (ATCC 25931)
<i>Staphylococcus aureus</i> (ATCC 6538)
<i>Xanthomonas axonopodis</i> (Citrus Canker) (ATCC 49118)
<i>Yersinia enterocolitica</i> (ATCC 23715)

## SANITIZATION

**Peraside** is for use on pre-cleaned surfaces such as equipment, pipelines, tanks, vats, filters, evaporators, pasteurizers, and aseptic equipment in dairies, breweries, wineries, beverage and food processing/packing plants, and egg processing/packing equipment surfaces. This product is effective as a sanitizer when solution is prepared in water of up to 500 ppm hardness as CaCO<sub>3</sub>. This product has demonstrated greater than 99.999% reduction of organisms after 60 seconds exposure period in the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test.

**For Mechanical Operations:** Prepared use solution cannot be reused for sanitizing, but may be reused for other purposes such as cleaning.

**For Manual Operations:** Fresh cleaning solutions must be prepared daily, or more often, if the solution becomes visibly diluted or soiled.

**SANITIZING FOOD CONTACT SURFACES:** This product can be used in Federally-inspected meat and poultry facilities as a sanitizer. Prior to sanitizing, remove gross food particles, then wash with a detergent solution, followed by a potable water rinse. Sanitize with a concentration of 1 to 3 fl. oz. of this product dissolved in 6 gal. of water (or equivalent use dilution). Use immersion, coarse spray, or circulation techniques as appropriate to the equipment. All surfaces must be exposed to sanitizing solution for a period of at least 60 seconds or more, as specified by a governing code. Drain excess solution. Do not rinse.

**SANITIZATION OF CONVEYORS AND EQUIPMENT FOR MEAT, POULTRY, SEAFOOD, FRUIT, NUTS, AND VEGETABLES:** For use in the static or continuous sanitizing, washing, or rinsing of conveyors, slicers, saws, and equipment, apply a solution of this product using 1 to 3 fl. oz. per 6 gal. of water (or equivalent use dilution). Apply sanitizing solution to the return portion of the conveyor or equipment using a coarse spray or similar means of wetting surfaces, so as to affect draining and prevent pooling. Allow sanitizer to thoroughly wet surface for a minimum 60 seconds contact time. Allow to air dry.

**SANITIZING OF CASING, SHELL, OR HATCHING EGGS:** To sanitize clean shell eggs intended for food or food products, spray with a solution of this product by diluting 1 to 3 fl. oz. of product with 6 gal. of potable water (or equivalent use dilution). The solution must be equal to or warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow surface to drain. Eggs that have been sanitized with this product can be broken for use in the manufacture of egg products without a prior potable water rinse. Eggs must be reasonably dry before casing or breaking. The sanitizing solution must not be reused for sanitizing eggs. For hatching eggs, apply the sanitizing solution as eggs are gathered or prior to setting using a coarse spray or flood so as to lightly wet egg shell surfaces. Allow to drain and air dry.

**FINAL SANITIZING BOTTLE RINSE:** This product can be used as a final sanitizing rinse, followed by adequate draining, for the returnable and non-returnable bottles at 0.13% – 0.39% dilution, 1 to 3 fl. oz. of this product in 6 gal. of water, which yields 73 – 230 ppm active peroxyacetic acid.

**FOAM CLEANING OF FOOD AND NON-FOOD CONTACT SURFACES:** As an adjunct to cleaning and sanitizing procedures, this product may be added to amine oxide and foamed on environmental or equipment surfaces using conventional foam-generating equipment. The resilient foam blend can be used on equipment, floors, walls, ceilings, drains, etc., and should be left on the surface for a minimum of 1 minute, or longer. On food contact surfaces, do not exceed 3 fl. oz. of this product per 6 gal. of water. **Directions for mixing:** Manually or mechanically blend 1 to 3 fl. oz. of this product and 6 to 12 fl. oz. of amine oxide (foam additive) per 6 gal. of water. The dilution water must not exceed 150°F.

**BOOSTER FOR ALKALINE DETERGENTS TO CLEAN FOOD PROCESSING EQUIPMENT:** This product is an effective oxygen bleach cleaning booster for use with alkaline detergents. For cleaning applications as a detergent booster, use 2 to 7 fl. oz. per gal. detergent solution to aid in the removal of organic soils. All hard non-porous food contact surfaces treated with this boosted detergent must be rinsed thoroughly with a potable water rinse followed by sanitizing with an approved food contact surface sanitizer.

**BOOSTER FOR ACID DETERGENTS TO CLEAN FOOD PROCESSING EQUIPMENT:** This product is an effective oxygen bleach cleaning booster for use with acidic detergents. For cleaning applications as a detergent booster, use 2 to 7 fl. oz. per gal. detergent solution to aid in the removal of organic soils. All hard, non-porous food contact surfaces treated with this boosted detergent must be rinsed thoroughly with a potable water rinse followed by sanitizing with an approved food contact surface sanitizer.

**SURFACES TREATED TO CONTROL THE SPREAD OF CITRUS CANCKER:** This product is used to control the spread of citrus cancker between inanimate and animate surfaces to plants. This product is for sanitizing surfaces such as packing house conveyors, harvesting equipment, and containers. **This product is not for treatment of infected plants.**

**PACKING HOUSE SANITIZATION:** This product is an effective sanitizer against micro-organisms such as *Xanthomonas campestris (axonopodis)* pathovars *citrumeto* (citrus cancker surrogate), *Staphylococcus aureus*, *Escherichia coli*, and *Salmonella enterica*.

1. Remove gross contamination with a cleaner or other suitable detergent and rinse with potable water.
2. Use **Peraside** at a dilution of 1 fl. oz. per 3 gal. of water (or equivalent use dilution) as a general sanitizing coarse spray to reduce bacteria and fungi contamination of walls, floors, conveyors, and harvesting containers.
3. Allow sanitizer to contact surface for at least 60 seconds.
4. Allow to air dry. Do not rinse.

**FIELD EQUIPMENT SANITIZATION:** This product is used to sanitize harvest equipment such as pickers, trailers, trucks (including truck body parts and tires), bins, packing crates, ladders, power tools, gloves, rubber boots, pruning shears, or other hard, non-porous equipment that may transfer *Xanthomonas campestris (axonopodis)* pathovars *citrumeto* (citrus cancker surrogate). This product is also used to sanitize hard, non-porous surfaces contaminated with *Staphylococcus aureus*, *Escherichia coli*, and *Salmonella enterica*.

1. Before sanitization, move the field equipment to an area with an impervious surface and with controlled drainage. Ensure that no sanitizing solution will be released to the environment.
2. Remove gross contamination with a cleaner or other suitable detergent and rinse with potable water.
3. Use this product at a dilution of 1 fl. oz. per 3 gal. of water (or equivalent use dilution) as a general sanitizing coarse spray.
4. Allow sanitizer to contact surface for at least 60 seconds.
5. Allow to air dry. Do not rinse.

**FOGGING: All surfaces must be cleaned and disinfected in accordance with label directions prior to fogging.**

1. Prior to fogging, remove and carefully protect all food products and packaging materials.
2. Ensure room is properly ventilated. Wear a dust/mist respirator when mixing the use solution and pouring it into the fogging apparatus. Vacate all personnel from the room during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. Ensure there is no strong odor, which is characteristic of acetic acid, before allowing personnel return to the work area.
3. Fog areas using one quart per 1,000 cu. ft. of room area with a 0.3% (3.5 fl. oz. per 10 gal. of water) (or equivalent use dilution) solution.
4. Allow surfaces to drain thoroughly and air dry before operations are resumed.

**NON-FOOD CONTACT HARD SURFACE DISINFECTION:** This product disinfects as it cleans, in one operation. This product is to be used to disinfect floors, walls, and other hard, non-porous surfaces such as tables, chairs, countertops, bathroom fixtures, sinks, shelves, racks, carts, coolers, glazed tile, linoleum, vinyl, glazed porcelain, and use sites on this label made of plastic, stainless steel, or glass.

#### Disinfection/Deodorization

**COMBINATION DISINFECTION AND CLEANING:** This product is effective against the labeled organisms at 2 fl. oz. per 1 gal. of water in hard water (400 ppm as CaCO<sub>3</sub>) and 5% blood serum on hard, non-porous surfaces. For heavily soiled areas, a pre-cleaning step is required. Apply solution with mop, cloth, sponge, brush, scrubber, or coarse spray device or by soaking so as to wet all surfaces thoroughly. Allow to remain wet for required contact of 2 minutes and then either allow to air dry, or if desired remove solution and entrapped soil with a clean wet mop, cloth, or wet vacuum pickup. Prepare a fresh solution daily or when the solution becomes visibly soiled or diluted.

**GENERAL DISINFECTION IN NON-MEDICAL FACILITIES (Households, Schools, Restaurants, Food Services, Beverage and Food Processing Plants, and Other Non-Medical Facilities):** At 1½ fl.oz. per 5 gal. of water (or equivalent use dilution) and in the presence of 5% blood serum and 400 ppm hard water with a 10-minute contact time, this product is effective against the following organisms on hard, non-porous (inanimate) surfaces:

<i>Bordetella bronchiseptica</i> (ATCC 10580)
<i>Corynebacterium ammoniagenes</i> (ATCC 6872)
Vancomycin Resistant <i>Enterococcus faecalis</i> VRE (ATCC 51575)
<i>Escherichia coli</i> O157:H7 (ATCC 35150)
<i>Listeria monocytogenes</i> (ATCC 19117)
<i>Salmonella enterica</i> (ATCC 10708)
<i>Salmonella typhi</i> (ATCC 6539)
<i>Shigella sonnei</i> (ATCC 25931)
<i>Staphylococcus aureus</i> (ATCC 6538)
Vancomycin Intermediate Resistant <i>Staphylococcus aureus</i> VISA (HIP 5836)

**\*VIRUCIDAL PERFORMANCE:** At 1 ½ fl. oz. per 5 gal. of water use level (or equivalent use dilution) and in the presence of 5% blood serum and 400 ppm hard water with a 10-minute contact time, this product was evaluated and found to be effective against the following viruses on hard, non-porous surfaces:

Avian Adenovirus
Avian Infectious Bronchitis Virus
Avian Influenza A (H5N1) Virus
Hepatitis B Virus (VR 733)
Herpes Simplex Type 1 Virus (ATCC VR733)
Herpes Simplex Type 2 Virus (ATCC VR734)
HIV-1 (AIDS Virus)
Human Coronavirus
Infectious Bursal Disease
Infectious Laryngotracheitis
Influenza A Virus H1N1
Newcastle Disease Virus
Porcine Respiratory & Reproductive Syndrome Virus
Porcine Rotavirus
Pseudorabies
Transmissible Gastroenteritis
Vesicular Stomatitis

**FUNGICIDAL ACTIVITY:** At 1 ½ fl. oz. per 5 gal. use-level (or equivalent use dilution) and in the presence of 5% blood serum and 400 ppm hard water with a 10-minute contact time, this product is effective against the following organism:

*Trichophyton mentagrophytes* (ATCC 9533) (Athlete's foot fungus) (a cause of Ring-worm)

**PREPARATION OF DISINFECTION/\*VIRUCIDAL/FUNGICIDAL USE SOLUTION:**

For use with water hardness up to 400 ppm. Before using this product, food products and packaging materials must be removed from the room or carefully protected. For heavily soiled areas, a preliminary cleaning is required. Apply 2 fl. oz. of this product per 5 gal. of water use solution (or equivalent use dilution) to disinfect hard, inanimate, non-porous surfaces. Apply use solution with a brush, cloth, mop, sponge, or mechanical spray device, hand pump, coarse pump, or trigger spray device, thoroughly wetting surfaces as required. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, sponge, mop, or cloth. Treated surfaces must remain wet for 10 minutes. Rinse and allow to air dry. Rinsing is not necessary unless floors are to be coated with finish or restorer. Rinse all surfaces that come in contact with food such as countertops, appliances, tables, and stovetops with potable water before reuse. Change cloth, sponge, or towels frequently to avoid redeposition of soil. Do not use this product to clean or disinfect utensils, glassware, dishes, or interior surfaces of appliances. Prepare a fresh solution at least daily or when use-solution becomes visibly diluted or soiled.

**GENERAL DISINFECTION DIRECTIONS:** For heavily soiled areas, a preliminary cleaning is required. Apply use solution of 1 ½ fl. oz. per 5 gal. of water (or equivalent use dilution) to hard, inanimate, non-porous surfaces, thoroughly wetting surfaces as

required, with a cloth, brush, mop, sponge, or mechanical spray device, hand pump, coarse pump, or trigger spray device. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, sponge, mop, or cloth. Allow surfaces to remain wet for 10 minutes. Rinse and allow to air dry or wipe up excess liquid. Change cloth, sponge, or towels frequently to avoid redeposition of soil. Do not use this product to clean or disinfect utensils, glassware, dishes, or interior surfaces of appliances. Prepare a fresh solution at least daily or when use-solution becomes visibly diluted or soiled.

**\*KILLS HIV-1 AND HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) and (Duck) Hepatitis B Virus (HBV).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 AND HBV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**Personal Protection:** Clean up must always be done wearing protective latex gloves, gowns, masks, and eye protection.

**Cleaning Procedure:** Blood and other body fluids (containing HIV-1 and HBV) must be thoroughly cleaned from surfaces and objects before application of this product.

**Disposal of Infectious Materials:** Blood and other body fluids, cleaning materials, and clothing must be autoclaved and disposed of according to Federal, state, and local regulations for infectious waste disposal.

**Contact Time:** Leave surface wet for 10 minutes with a 1½ fl. oz. per 5 gal. of water use-solution (or equivalent use dilution).

**CLEANING AND DISINFECTION:** For heavily soiled areas, a pre-cleaning step is required. For all general cleaning and disinfection, use 2 fl. oz. of this product per 5 gal. of water (or equivalent use dilution). Apply use solution with a brush, mop, cloth, sponge, or mechanical spray device, hand pump, coarse pump, or trigger spray device, so as to wet all surfaces thoroughly to be cleaned and disinfected. For sprayer applications, spray 6-8 inches from surface. Rub with brush, sponge, mop, or cloth. Do not breathe spray. Allow surfaces to remain wet for 10 minutes and then let air dry or wipe up excess liquid. Change cloth, sponge, or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use-solution becomes visibly diluted or soiled.

**FOR USE AS A ONE-STEP CLEANER/DISINFECTANT:**

1. Pre-clean heavily soiled areas.
2. Apply use-solution of 2 fl. oz. per 5 gal. (or equivalent use dilution) to hard, non-porous environmental surfaces using a sponge, brush, cloth, mop, or mechanical spray device, hand pump, coarse pump, or trigger spray device. Wet all treated surfaces thoroughly.
3. To disinfect, all surfaces must remain wet for 10 minutes.
4. Wipe surfaces and let air dry.
5. Prepare a fresh solution at least daily or when use-solution becomes visibly diluted or soiled.

**Note:** All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water. Do not use this product to clean or disinfect glassware, utensils, dishes, or interior surfaces of appliances.

**ANIMAL PREMISES DISINFECTION OF ANIMAL AND POULTRY PREMISES, TRUCKS, COOPS, AND CRATES:** This product is used in animal hospitals, animal laboratories, kennels, pet

shops, zoos, pet animal quarters, poultry premises, poultry hatcheries, and livestock quarters. When used as directed this product is specifically designed to disinfect, deodorize and clean inanimate, hard, non-porous surfaces such as walls, floors, sink tops, furniture, operating tables, kennel runs, cages, and feeding equipment. In addition this product will deodorize those areas which are generally hard to keep smelling fresh, such as garbage storage areas, empty garbage bins and cans, and any other areas which are prone to odors caused by microorganisms.

**DISINFECTION OF POULTRY PREMISES:** For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. Remove all poultry and feeds from premises, trucks, coops, and crates. Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with a detergent and rinse with water. Saturate surfaces with a 2 fl. oz. per 5 gal. of water (or equivalent use dilution) solution of this product for a period of 10 minutes. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with a detergent and rinse with potable water before reuse. Ventilate buildings, coops, and other enclosed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. All treated equipment that comes in contact with animal food, feed, or drinking water must be rinsed with potable water before reuse. Change cloth, sponge, or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use-solution becomes visibly diluted or soiled.

**DISINFECTION AND DEODORIZING OF ANIMAL HOUSING FACILITIES (BARNs, KENNELS, HUTCHES, ETC.):** Remove animals and feed from premises, vehicles, and enclosures. Remove all litter and droppings 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 and watering equipment. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces by applying a 2 fl. oz. per 5 gal. of water (or equivalent use dilution) solution of this product with a mop, brush, or coarse spray. Wet all surfaces and allow to remain wet for 10 minutes. Immerse all halters and other types of hard non-porous equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings and other enclosed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with a soap or detergent, and rinse with potable water before reuse. Change cloth, sponge, or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use-solution becomes visibly diluted or soiled.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Never return this product to the original container after it has been removed. Avoid all contaminants, especially dirt, caustic substances, 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 this product 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. Undiluted material should not enter confined spaces.

**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 at the nearest EPA Regional Office for guidance.

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 all 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. This product, 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: Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### LIMITED WARRANTY

To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of this product under normal conditions in accordance with the statements made on this label. To the extent permitted by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental, or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

For non-emergency (e.g., current product information),  
Call: 1-800-621-8829

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Preserve International is a wholly-owned subsidiary of Neogen Corporation.  
L5478-1017



# PERASIDE

## Active Ingredients:

Peroxyacetic Acid.....5.9%  
Hydrogen Peroxide.....27.3%

## Inert Ingredients:

Total.....100.0%  
EPA Reg. No. 66171-103

EPA Est. No. 66171-TN-001  
EPA Est. No. 66171-CA-001  
EPA Est. No. 61282-WI-01  
EPA Est. No. 47000-IA-01

(First letter of batch number indicates establishment)

## KEEP OUT OF REACH OF CHILDREN DANGER/PELIGRO

See inside booklet for First Aid and complete Directions for Use

Before Using This Product, Please Read This Entire Label Carefully

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. CORROSIVE.** Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled. Do not get into eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Wear goggles or face shield and rubber gloves and protective clothing when handling. 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 clothing before reuse.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### PHYSICAL AND CHEMICAL HAZARDS

**STRONG OXIDIZING AGENT. CORROSIVE.** Mix only with potable water at 60-80°F. Product must be diluted in accordance with label directions prior to use. This product is not combustible, however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen release could initiate combustion. Never bring this product in contact with other sanitizers, cleaners, or organic substances.

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Preserve International  
944 Nandino Blvd.  
Lexington, KY 40511 U.S.A.

**Net Contents:** 5 gal. (18.9 L)

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### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Never return this product to the original container after it has been removed. Avoid all contaminants, especially dirt, caustic substances, 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 this product 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. Undiluted material should not enter confined spaces.

**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 at the nearest EPA Regional Office for guidance. 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 all 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. This product, 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: Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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