Open Here

Cleaner, Is a one-step, hospital-use, germicidal disinfectant, cleaner and deodorant.
Is an effective disinfectant in the presence of 5% serum.

FOOD CONTACT SANITIZING PERFORMANCE: This product is an effective food contact sanitizer in 1 minute at 1 oz. per 4 gal. of 500 ppm hard water (200 ppm active) on hard, non-porous surfaces: Aeromonas hydrophila, Listeria monocytogenes, Campylobacter jejuni, Shigella dysenteriae, Clostridium perfringens, Staphylococcus aureus, Enterobacter sakazakii, Streptococcus pyogenes, Escherichia coli, Yersinia enterocolitica, Enterococcus faecalis Vancomycin Resistant, Escherichia coli O157:H7, Salmonella typhi, Escherichia coli O111:H8, Escherichia coli O26:H11, Escherichia coli O45:K-:H-, Escherichia coli O103:K.:H8, Escherichia coli O121:K-:H10.

NON-FOOD CONTACT SANITIZING PERFORMANCE: This product is an effective one-step sanitizer in 3 minutes at 1 oz. per 4 gal. of water and 5% soil on hard, non-porous surfaces: Staphylococcus aureus, Enterobacter aerogenes.

VIRUCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 4 oz. per 5 gal. of water and 5% soil on hard, non-porous surfaces: Avian Influenza A Virus, Avian Influenza A/Turkey/Wisconsin Virus, Herpes Simplex Type 1 Virus, Herpes Simplex Type 2 Virus, Human Coronavirus, Influenza A Virus, Influenza A2/Japan Virus, Vaccinia Virus.

DISINFECTION: This product kills the following bacteria in 10 minutes at 4 oz. per 5 gal. of water and 5% soil on hard, non-porous surfaces: Botrytis cinerea, Burkholderia cepacia, Campylobacter jejuni, Corynebacterium ammoniagenes, Enterococcus faecium Vancomycin Resistant (VRE), Escherichia coli O157:H7, Klebsiella pneumoniae, Listeria monocytogenes, Proteus mirabilis, Pseudomonas aeruginosa, Salmonella enterica, Salmonella typhi, Shigella sonnei, Staphylococcus aureus, Staphylococcus aureus Methicillin Resistant (MRSA), Staphylococcus aureus Community Associated Methicillin Resistant (CA MRSA), Yersinia enterocolitica.

ANIMAL PREMISE VIRUCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 4 oz. per 5 gal. of water and 5% soil on hard, non-porous surfaces: Avian Influenza A Virus, Avian influenza A/Turkey/Wisconsin Virus, Avian Reovirus, Bovine Viral Diarrhea Virus, Canine Coronavirus, Canine Distemper Virus, Equine Arteritis Virus, Infectious Bovine Rhinotracheitis Virus, Infectious Bronchitis Virus, Infectious Laryngotracheitis Virus, Newcastle Disease Virus, Porcine Respiratory & Reproductive Virus, Porcine Rotavirus, Pseudorabies Virus, Transmissible Gastroenteritis Virus.

MILDEWSTATIC PERFORMANCE: This product controls the following mold in 10 minutes at 4 oz. per 5 gal. of water (625 ppm active) and 5% soil on hard, non-porous surfaces: Aspergillus niger.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Before using this product, food products and packaging materials must be removed from the room or carefully protected.
This product is not for use on medical device surfaces.

FOR USE AS A GENERAL DISINFECTANT, VIRUCIDE*, CLEANER: 1. Pre-clean heavily soiled areas. 2. Apply use solution of 4 oz. of this product per 5 gal. of water to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray 3. Treated surfaces must remain wet for 10 minutes. 4. Wipe dry with a clean cloth or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. 5. Prepare a fresh solution daily or when visibly dirty.

FOOD CONTACT SANITIZING DIRECTIONS
Prior to application, remove gross food particles and soil by a pre-flush or pre-scrape and when necessary, presoak. Then thoroughly wash or flush objects with a good detergent or compatible cleaner, followed by a potable water rinse before applications of the sanitizing solution.

FOOD CONTACT SANITIZING PERFORMANCE FOR PUBLIC EATING PLACES, DAIRY PROCESSING EQUIPMENT AND FOOD PROCESSING EQUIPMENT, UTENSILS AND OTHER HARD, NON-POROUS FOOD CONTACT SURFACES IN FOOD PROCESSING LOCATIONS, BAKERIES, CANNERIES, BEVERAGE PLANTS, RESTAURANTS AND BARS DIRECTIONS: Immerse pre-cleaned glassware, dishes, silverware, cooking utensils and other similar size food processing equipment in a solution of 0.25 oz. - 0.5 oz. of this product per 1 gal. of water (200-400 ppm active quat) for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food. Do not rinse.

For articles too large for immersing, apply a use solution of 0.25 oz. - 0.5 oz. of this product per 1 gal. of water (200-400 ppm active quat) to sanitize hard, non-porous food contact surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Surfaces must remain wet for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food. Do not rinse. Prepare a fresh solution daily or when visibly dirty. For mechanical application, use solution must not be reused for sanitizing applications.

CLOSED LOOP CIRCULATION SANITIZING-FOOD PROCESSING EQUIPMENT FLOW/PRESSURE METHOD:
1. Disassemble equipment and thoroughly clean after use.
2. Assemble equipment into operational position prior to sanitizing.
3. Prepare a sanitizing solution equal to 110% of the volume capacity of the equipment by diluting 1 oz. of this product per 4 gallons of water.
4. Pump the solution through the system until full flow is obtained at all extremities and the system is completely filled with sanitizer and all air is removed. Surfaces must remain wet for at least 1 minute.

CLEAN-IN-PLACE (CIP) METHOD FOR DAIRY, DAIRY FARM AND FOOD PROCESSING FACILITIES:
1. Thoroughly flush, clean and potable water rinse the system.
2. Prepare required volume of sanitizer solution needed by diluting 1 oz. of this product per 4 gallons of water.
3. To sanitize entire system by circulation methods, run pumps for at least 2 minutes to thoroughly wet and sanitize all parts of the system.

SANITIZATION OF INTERIOR HARD, NON-POROUS SURFACES OF ICE MACHINES
Ice Machines – Sanitization must occur after initial installation, after the machine is serviced and periodically during its use.
1. Shut off incoming water line to machine and turn off refrigeration.
2. Wash with a compatible detergent and rinse with potable water before sanitizing. (**Note:** Use this direction only if applicable.)
3. Apply a solution of 1 oz. of this product per 4 gal of water by mechanical spray, direct pouring, or by circulating through the system.
4. Allow surfaces to remain wet or solution to remain in equipment for at least 1 minute. Drain thoroughly before reuse and allow sanitized surfaces to adequately drain and then air dry before contact with liquid.
5. Return machine to normal operation.

FOR TREATMENT OF MEAT AND POULTRY OR FRUIT AND VEGETABLE CONVEYOR BELTS: Remove gross food particles and excess soil by a pre-flush or pre-scrape. Wash with a good detergent or compatible cleaner. Rinse equipment thoroughly with potable water and then rinse equipment with a sanitizing solution. During processing apply 1 oz. of this product per 4 gallons of water to conveyors with suitable feeding equipment. Do not allow this solution to be sprayed directly on food. Controlled volumes of sanitizer are applied to return portion of conveyor through nozzles so located as to permit maximum drainage of sanitizer from equipment and to prevent puddles on top of belt. During interruptions in operation, apply solution using coarse spray equipment to peelers, collators, slicers and saws, and other non-porous conveyor equipment. Allow surfaces to remain wet for at least 1 minute. Conveyors and other equipment must be free of product when applying this coarse spray.

BEVERAGE DISPENSING AND SANITARY FILLING EQUIPMENT SANITIZER DIRECTIONS: For sanitizing hard, non-porous bottling or pre-mix dispensing equipment and bottles or cans in the final rinse application. This product is to be proportioned into the final rinse water line of the container washer or rinser. Fill equipment with a solution of 1 oz. of this product per 4 gal of water. Surfaces must remain wet for at least 1 minute or until operations resume at which time the sanitizing solution must be drained from the system. Allow sanitized surfaces to adequately drain and then air dry before contact with liquid. Do not rinse.

BEER FERMENTATION AND STORAGE TANK SANITIZER DIRECTIONS: For sanitizing hard, non-porous beer fermentation and holding tanks, wine, citrus and food processing storage and holding tanks. Wash with a compatible detergent and rinse with potable water before sanitizing. Prepare a solution of 1 oz. of this product per 4 gal. of water for mechanical or automated systems. Surfaces must remain wet for at least 1 minute. Allow sanitized surfaces to adequately drain before contact with liquid. Do not rinse. For mechanical operations or automated systems, the used sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning.

NON-FOOD CONTACT SANITIZING DIRECTIONS
SHOE, BOOT, ENTRYWAY, BATH SANITIZER DIRECTIONS: To prevent cross contamination from area to area, in animal areas, entryways and the packaging and storage areas of food plants, shoe baths containing one inch of freshly made sanitizing solution must be placed at all entrances to buildings, hatcheries and at all the entrances to the production and packaging rooms. Scrape waterproof shoes and place in a 0.25 oz. of this product per gal. of water use solution for 3 minutes prior to entering area. Prepare a fresh solution daily or when visibly dirty.

NSF

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FOOD CONTACT SANITIZER FOR
INDUSTRIAL, SCHOOLS, RESTAURANTS, FOOD HANDLING AND PROCESS AREAS.

ACTIVE INGREDIENTS:
Alkyl (60% C14, 30% C16, 5% C12, 5% C18)
Dimethyl Benzyl Ammonium Chloride 5.0%
Alkyl (68% C12, 32% C14)
Dimethyl Ethylbenzyl Ammonium Chloride 5.0%
OTHER INGREDIENTS: 90.0%
TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See side panel for additional precautionary statements.

FIRST AID

In case of emergency, call a poison control center or doctor for treatment advice. 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 eye. **IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. **IF SWALLOWED:** Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor immediately for treatment advice. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

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Care for Work Environments®

NET CONTENTS: 1 U.S. Gallon (3.785 L)

FOR FOOT DIP OF WATER PROOF FOOTWEAR: Use this product at 0.25 oz. per gal. of water in foot dip tray. Shoe baths must contain at least 1 inch of freshly made solution and be placed at the entrances to buildings. Scrape shoes and place in diluted solution for 3 minutes before entering building or in entryways. Prepare a fresh solution daily or when visibly dirty.

SHOE FOAM DIRECTIONS: To prevent cross contamination from area to area, in animal areas, entryways, and the packaging and storage areas of food plants, apply a foam layer approximately 0.5 to 2 inches thick made from a solution of 1 to 1.5 oz. of this product per gal. of water at all entrances to buildings, hatcheries, production and packaging rooms by using a foam generating machine or aerator to apply foam layer. Follow the foaming directions as specified by the manufacturer of the foam generator/aerator. Scrape waterproof shoes. Stand and/or walk through foamed area or allow to remain wet for 3 minutes prior to entering area. Foam area must be washed and replaced daily or when it appears visibly soiled or dirty.

SHOE SPRAY SANITIZING DIRECTIONS: For heavily soiled exterior surfaces of work boots, shoes, footwear, scrape, wipe with brush, sponge or cloth to remove excess dirt.
1. Hold pre-mixed sanitizer solution of 0.25 oz. of this product per gal. of water 4-6 inches away from sole of waterproof footwear.
2. Lightly spray sole to thoroughly wet entire surface.
3. Repeat procedure on other sole.
4. Treated surfaces must remain wet for 3 minutes.
5. Absorb excess product with clean cloth.

MOLD/MILDEW

TO CONTROL MOLD/MILDEW: Controls and prevents the growth of mold and mildew (Aspergillus niger) (ATCC 6275) and the odors caused by them when applied to hard, non-porous surfaces. Prepare use solution by adding 4 oz. of this product per 5 gal. of water. Apply use solution to pre-cleaned hard, non-porous surfaces for 10 minutes which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every seven days, or more often if new growth appears.

TO CONTROL THE GROWTH OF MOLD AND MILDEW ON NON-POROUS ATHLETIC EQUIPMENT: For use on wrestling and gymnastic mats, athletic mats, exercise equipment, athletic training tables, physical therapy tables, athletic helmets, wrestling/boxing headgear, athletic shoe soles, and other hard, non-porous surfaces. Thoroughly clean surfaces with soap or detergent and rinse with water. Prepare a use solution of 4 oz. of this product per 5 gal. of water. Apply use solution by sponge, brush, cloth, mop, by immersion, mechanical spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Allow surfaces to remain wet for a period of 10 minutes. Do not use equipment until treatment has been absorbed, set or dried. Repeat treatment every seven days, or more often if new growth appears.

TO CONTROL THE GROWTH OF MOLD AND MILDEW ON LARGE, INFLATABLE, NON-POROUS PLASTIC AND RUBBER STRUCTURES: For use on non-porous plastic and rubber surfaces such as inflatable animals, promotional items, moonwalks, slides, obstacle course play and exercise equipment. Thoroughly clean surfaces with soap or detergent and rinse with water. Apply a use solution of 4 oz. of this product per 5 gal. of water by sponge, brush, cloth, mop, mechanical spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Allow surfaces to remain wet for a period of 10 minutes. Do not use equipment until treatment has dried. Repeat treatment every seven days, or more often if new growth appears.

ANIMAL PREMISES : Prior to use of this product, remove all animals and feeds from areas to be treated, animal transportation vehicles and enclosures. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

GENERAL DEODORIZATION: To deodorize, apply 3 oz. of this product per 5 gal. of water to hard, non-porous surfaces. Wipe up excess liquid or allow to air dry.

FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VIRUCIDE*: Prepare a use solution of 4 oz. of this product per 5 gal. of water. Apply use solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, by immersion, mechanical spray device, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Immerse all halters and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in the use solution. Treated surfaces must remain wet for 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers and other treated equipment which can contact food or water with soap or detergent, and rinse with potable water before reuse.

OTHER USES

WORK AREAS AND BENCHES, POTS, FLATS AND FLOWER BUCKETS, CUTTING TOOLS: Pre-clean surfaces. Spray or swab hard, non-porous working surfaces or soak cutting edge of tool with a solution of 3 oz. of this product per 5 gal. of water before each work period and again after each plant is completed to help control transfer of diseases such as Botrytis, crown rot, downy mildew, Erwinia and root rot†. Allow surface to remain wet for 10 minutes. To apply solution as a sprayer application, use as a coarse spray only and spray 6-8 inches from surface. Wipe up excess liquid or allow to air dry. Dry and oil tools at the end of each workday. Prepare a fresh solution daily or when visibly dirty. (†Not for use in CA.)

MOSQUITO CONTROL (Not for use in CA): This product is not intended to be used for broadcast mosquitocide application but rather is limited to small residential ponds, decorative ponds, and similar areas. This product is not to be used in open waterways connected to larger watersheds or in waters that serve as natural habitats for aquatic and amphibious organisms. This product control mosquitoes where they breed (fountains, water displays, decorative pools, decorative ponds, sewage treatment systems, spas, hot tubs, swimming pools and standing water in old tires, empty tin cans, barrels, puddles, and water drains around buildings). Do not exceed 10 applications at a minimum of 10-day internals per year.
Note: Only out-of-season, not-in-service, or inactive spas, hot tubs, swimming pools require treatment for mosquito control. Do not treat during the swimming season. Spray from fountains treated with this product will not harm poolside plantings. DO NOT use when fish or other wildlife (for example, amphibians) are present.
When used as directed, at 0.45 oz.of this product per gallon (or equivalent use dilution) (350 ppm active), this product is effective as an ovicidal, larvacidal, pupacidal control of aedes aegypti (Yellow fever carrier) and Culex nigripalpus (carrier of various diseases of man and animal, such as heartworm and Hepatitis) mosquitos. This product will also reduce larval populations of Anopheles quadrimmaculatus (Malaria carrier) mosquitoes.

This product controls mosquitoes where they breed (fountains, water displays, decorative pools, decorative ponds, sewage treatment systems, spas, hot tubs, swimming pools and standing water in such places as old tires, empty tine cans, barrels, puddles, and water drains around buildings). NOTE: Only **out-of-season, not-in-service**, or **inactive** spas, hot tubs, swimming pools require treatment for mosquito control. Do not treat during the swimming season.

FOGGING IN FOOD PREMISES: ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING. DIRECTIONS FOR FOGGING IN DAIRIES, BEVERAGE AND FOOD PROCESSING PLANTS: Prior to fogging, food products and packaging material must be removed from the room or carefully protected. After disinfecting, fog desired areas using 1 quart per 1,000 cubic feet of room area with a solution containing 1.5 oz. of product per gal. of water. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Vacate the area of all personnel during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. When fogging is complete, ventilate buildings and other closed spaces. All food contact surfaces must be sanitized with an EPA approved food contact sanitizer solution prior to use. All food contact surfaces must be thoroughly rinsed with potable water prior to sanitizing.

Note: The fog generated is irritating to the eyes, skin and mucous membranes. Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building must be entered, then the individuals entering the building must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long sleeves, gloves and long pants.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. 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 product is toxic to fish and aquatic invertebrates.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.
PESTICIDE STORAGE: Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.
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.
CONTAINER HANDLING: Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container 1/4 full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

No Print Zone