

Front QUAT 20

One Step Disinfectant • Germicidal Detergent • Disinfectant • Cleaner • Virucide* • Deodorizer

Stock #: 46555
Net Contents: 55 Gallon
EPA Reg. No.: 10324-141-67589
EPA Est. No.: 67589-NC-001

For Food Service, Institutional, and Industrial Use For Use in Meat and Poultry Plants, Dairy, Equine, Poultry/Turkey Farm, Veterinary, Restaurant, Food Handling and Process Areas. Effective in hard water up to 400 ppm hardness in the presence of 5% serum contamination. Non-Dulling to Floor Finishes. Made in the USA.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. KEEP OUT OF REACH OF CHILDREN. 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, 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 HAZARD: This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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 OR CHEMICAL HAZARDS: Do not mix with oxidizers, anionic soaps and detergents. Do not use or store near heat or open flame.

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.

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

KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

See left panel for additional precautionary statements and first aid statements.

ACTIVE INGREDIENTS

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|---|---------|
| Didecyl Dimethyl Ammonium Chloride..... | 10.14% |
| n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) dimethyl benzyl ammonium chloride..... | 6.76% |
| INERT INGREDIENTS: | 83.10% |
| TOTAL | 100.00% |

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. 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 DISPOSAL: Non-refillable container. Do not reuse this container to hold materials other than pesticides or rinsate. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow Pesticide Disposal instructions.

RESIDUE REMOVAL INSTRUCTIONS: To clean the container before final disposal, triple rinse as follows: Fill container ¼ full with water. Agitate vigorously or recirculate water for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times.

DIRECTIONS FOR USE

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

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from room or carefully protected.

PREPARATION OF DISINFECTION/FUNGICIDAL/VIRUCIDAL* USE SOLUTION: For heavily soiled areas, a preliminary cleaning is required. Add ½-ounce of this product to 1 gallon of water, 1:256, to disinfect hard non-porous surfaces. Apply use solution using a brush, cloth, mop, sponge, auto scrubber, or mechanical spray device or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Change cloth, sponge or towels frequently to avoid redeposition of soil. Treated surfaces must remain wet for 10 minutes. Allow to air dry. Rinse all treated 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. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

GENERAL DISINFECTANT PERFORMANCE IN NON-MEDICAL FACILITIES: Add ½ ounce of this product to 1 gallon of water. Apply to hard non-porous surfaces. Treated surfaces must remain wet for 10 minutes. Allow to air dry. Effective against: *Acinetobacter baumannii*, *Acinetobacter lwoffii*, *Bordetella bronchiseptica*, *Chlamydia psittaci*, *Citrobacter freundii*, *Enterobacter agglomerans*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Escherichia coli*, *Escherichia coli* O111:H8, Extended Spectrum B-Lactamase (ESBL) *Escherichia coli*, Tetracycline Resistant *Escherichia coli*, *Enterococcus faecalis*, *Enterococcus hirae*, *Fusobacterium necrophorum*, *Klebsiella oxytoca*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Micrococcus luteus*, *Pasturella multocida*, *Proteus vulgaris*, *Pseudomonas cepacia*, *Salmonella enterica*, *Salmonella enterica* serotype pullorum, *Salmonella typhi*, *Salmonella typhimurium*, *Serratia marcescens*, *Shigella flexneri*, *Shigella sonnei*, *Staphylococcus aureus*, *Staphylococcus aureus* sub species aureus, Community Associated Methicillin Resistant *Staphylococcus aureus* (CA-MRSA), Methicillin Resistant *Staphylococcus aureus* (MRSA), *Staphylococcus epidermidis*, Antibiotic resistant *Staphylococcus epidermidis*, *Streptococcus agalactiae*, *Staphylococcus haemolyticus*, *Streptococcus pneumoniae* Penicillin Resistant, *Streptococcus pyogenes*, *Streptococcus mutans*, Vancomycin Resistant *Enterococcus faecalis* (VRE), Vancomycin Intermediate Resistant *Staphylococcus aureus* (VISA), *Vibrio cholera*, *Yersinia enterocolitica*.

VIRUCIDAL* PERFORMANCE: At ½ ounce of this product per 1 gallon of water use level (660 ppm active), this product was evaluated in the presence of 400 ppm hard water and 5% serum with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous surfaces: Cytomegalovirus, SARS-associated Coronavirus, Herpes Simplex Virus Type 1, Herpes Simplex Virus Type 2, Human Coronavirus, Respiratory syncytial virus.

FUNGICIDAL PERFORMANCE: When used as directed at a 1:256 dilution, ½ fluid ounce of this product per 1 gallon of water (660 ppm active) and a 10-minute contact time, this product is highly effective against the following on hard non-porous surfaces: *Aspergillus niger*, *Candida albicans*, *Trichophyton mentagrophytes*.

DIRECTIONS FOR FOOD PROCESSING PLANTS: For use on non-food contact hard nonporous surfaces such as floors, walls, tables, garbage cans and disposal areas. Follow the PREPARATION OF DISINFECTION/VIRUCIDAL*/FUNGICIDAL USE SOLUTION use directions.

DIRECTIONS FOR FOOD STORAGE AREAS: For use on non-food contact hard nonporous surfaces such as shelves, floors, walls and tables. Follow the PREPARATION OF DISINFECTION/VIRUCIDAL*/FUNGICIDAL USE SOLUTION use directions.

TO DISINFECT FOOD SERVICE ESTABLISHMENT FOOD CONTACT SURFACES: For heavily soiled areas, a pre-cleaning step is required. For use on countertops, exterior surfaces of appliances, tables and other hard nonporous surfaces, add ½ ounce of this product to one gallon of water (660 ppm active). Apply solution with a brush, mop, cloth, sponge, auto scrubber or mechanical spray device or by immersion so as to wet all surfaces thoroughly. For sprayer applications, spray 6-8 inches from surface. Rub with brush, cloth, or sponge. Allow surface to remain wet for 10 minutes. Wipe up excess liquid. Rinse the surface with potable water. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

FOR USE AS A CLEANER AND/OR DEODORIZER: Apply use solution to surfaces. Allow to air dry. For heavy-duty use, add 2 fluid ounces per gallon of water to clean hard, non-porous surfaces.

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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 cleaning, fog desired areas using 1 quart per 1000 cubic feet of room area with a solution containing 0.9 ounce of product to 1 gallon of water (1,200 ppm active). 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. All food contact surfaces must be sanitized with an EPA approved food contact sanitizer solution prior to use. Allow food contact surfaces to drain thoroughly before operations are resumed. **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 and long pants. **FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING OF ROOM AND MACHINE SURFACES.**

ANIMAL PREMISES: Prior to use of this product, cover or remove all food and packaging material before disinfection and remove all animals and feeds from premises, trucks, cars, 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 poultry or other animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

ANIMAL PREMISE VIRUCIDAL* PERFORMANCE: At a ½ ounce per gallon of water use level (660 ppm active), this product was evaluated and with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous surfaces: Avian Infectious Bronchitis virus Beaudette Ib42, Avian Influenza A H5N1 virus, Avian Influenza A H3N2 virus, Canine Coronavirus, Canine Distemper virus, Feline Picornavirus, Infectious Bovine Rhinotracheitis virus, Pseudorabies virus, Swine Influenza A H1N1 virus, Transmissible Gastroenteritis virus, Vaccinia virus.

****EFFECTIVENESS AGAINST CANINE PARVOVIRUS (CPV), AND PORCINE PARVOVIRUS:** At a 2-ounce per gallon of water use level, this product was evaluated and with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous surfaces: Canine Parvovirus (CPV), Porcine Parvovirus.

DISINFECTION/FUNGICIDE/VIRUCIDE* OF POULTRY/TURKEY EQUIPMENT, SWINE QUARTERS, ANIMAL QUARTERS AND KENNELS DIRECTIONS: Use ½ oz of this product per 1 gallon of water to hard nonporous surfaces. Apply by cloth, mop, brush, sponge, auto scrubber or mechanical spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Allow surfaces to remain wet for 10 minutes. Immerse all halters and other types of hard nonporous equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. After application, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated equipment which may contact food and water with 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 dirty.

HATCHERIES: Use ½ oz. of this product per 1 gallon of water use solution. Apply to hard, non-porous surfaces such as hatchers, setters, trays, racks, egg flats, walls, floors, ceilings, chickboxes, egg cases, trash containers, carts, sexing tables, delivery trucks, vans and other hard non-porous surfaces. Apply by cloth, mop, brush, sponge, auto scrubber or mechanical spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Leave all treated surfaces wet for 10 minutes or more. Rinse treated surfaces with potable water before reuse. Allow surface to air dry. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

VEHICLES: Clean all vehicle hard nonporous surfaces including mats, crates, cabs, and wheels with high-pressure water and this product. Use ½ oz of this product per 1 gallon of water. Apply by cloth, mop, brush, sponge, auto scrubber or mechanical spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Leave all treated surfaces exposed to solution wet for 10 minutes or more and allow to air dry. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

RENDERING PLANT/DRESSING PLANT DISINFECTANT /VIRUCIDE*/ FUNGICIDE DIRECTIONS: Use disinfecting or virucidal* solution of ½ oz. of per 1 gallon of water (660 ppm active) to hard nonporous surfaces in poultry and animal dressing plants so as to wet thoroughly. Apply by cloth, mop, brush, sponge, auto scrubber or

mechanical spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Surfaces must remain wet for 10 minutes then thoroughly rinsed with potable water before operations are resumed. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

SHOE BATH SANITIZER DIRECTIONS: To prevent cross contamination from area to area in animal areas, 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 ½-ounce of this product per 1 gallon of water (660 ppm active) use solution for 3 minutes prior to entering area. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

SHOE FOAM DIRECTIONS: To prevent cross contamination from area to area in animal areas, 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 ½ - 1 ounce per 1 gallon 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 for 3 minutes prior to entering area. Foam area must be washed and replaced at least daily or when it appears visibly dirty.

***SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A VIRUS H1N1, H3N2:** Use the disinfecting solution of ½ oz of this product per gallon of water (660 ppm active) to all hard nonporous surfaces and allow to remain wet for a period of 10 minutes. Apply by cloth, mop, brush, sponge, auto scrubber or mechanical spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Immerse all halters and other types of hard nonporous equipment used in handling and restraining animals as well as forks, shovels, and scrapers used in removing litter and manure. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers, and other treated equipment with 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 dirty.

SANITIZING HATCHERY ROOMS USING FOGGING DEVICES: Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of the room to be treated. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Close room off so fog is confined to room to be treated. Mix 1¼ ounces of this product to 5 gallons water. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Insert the nozzle of the fogger through a suitable opening into the room. With the setting in maximum output, fog for one minute for each 4000 cubic feet of space in the room. Vacate the room of all personnel during and after fogging for a minimum of 2 hours of fogging and of 4 air exchanges (ACH) per hour in the facility. When fogging is completed ventilate buildings and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly clean all treated surfaces with soap or detergent and rinse with water.

SANITIZING INCUBATORS AND HATCHERS USING FOGGING DEVICES: Only for treatment of setters and hatchers after poultry/chicks/eggs have been removed. Not for treatment of hatchers which contain chicks/eggs. Mix 4.75 ounces of this product to 120 ounces of water. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Fog 3-8 ounces of this into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatcher treatments at least 24 hours prior to pulling the hatchers. Do not allow people to contact or breathe this fog. It is acceptable to fog setters and hatchers with a 1.1-ounce of this product per 1 gallon of water solution on an hourly or every other hour basis. If this is done, fog for 30-90 seconds once per hour or once every two hours. When fogging is complete, ventilate buildings, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers, and other treated equipment with soap or detergent, and rinse with potable water before reuse. **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 and long pants. **FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING OF ROOM AND MACHINE SURFACES.**