ProQuat

Disinfectant - Food Contact Sanitizer - Non-Food Contact Sanitizer - Fungicide - Mildewstat - Virucide - Wipes

Organic Soil Tolerance For Industrial, Poultry/Turkey Farm, Food Handling and Process Areas, Federally Inspected Meat and Poultry Plants.

ProQuat contains no phosphates. ProQuat is for use as a disinfectant on hard, non-porous surfaces (e.g., 0.25 ppm active) as a sanitizer on dishes, glassware and utensils (0.25 ppm), public eating places, dairy processing equipment, and food processing equipment and utensils (at 200-400 ppm). A potable water rinsing is not allowed when used as a sanitizer on food contact surfaces. ProQuat is for use as a sanitizer in bottling and beverages dispensing equipment. ProQuat is for use in sanitizing bottles or cans in the final rinse application, and for external spraying of filling and closing machines. ProQuat is for use as a sanitizer in wineries for use in holding tanks, floors and processing equipment.

ACTIVE INGREDIENTS

Aldichlor (CSI-3, 90%, CSI-3, 5%, CSI-8, 5%) dimethyl benzyl ammonium chloride

5.0%

INSERT INGREDIENTS

Aldichlor (CSI-3, 68%, CSI-3, 32%) dimethyl diallyl ammonium chloride

5.0%

TOTAL

10.0%

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KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO

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. Remove skin immediately with plenty of water for at least 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly with water for at least 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 quart 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 contaminate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

Hazardous to HUMANS AND DOMESTIC ANIMALS

DANGER. Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Do not get into 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 urinating the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARD

This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing ProQuat into lakes, streams, ponds, estuaries, rivers or other water bodies in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority as has been notified in writing prior to discharge. Do not discharge effluent containing ProQuat 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 use or store near heat or open flame.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Open drum is prohibited. Store only in original container. If a leaking 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 ProQuat under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

CONTAINER HANDLING: Triple rinse. Refill this container with ProQuat only. Do not reuse this container for any other purpose.

PESTICIDE DISPOSAL: Pesticide wastes are usually 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.

RESIDUE REMOVAL INSTRUCTIONS: Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, remove the remaining contents from this container into application equipment or into a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate washwater with the pump for 2-3 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

LOT NUMBER: See Lot Label

NET CONTENTS: See Lot Label

DIRECTIONS FOR USE

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

PREPARATION OF DISINFECTION/VIRUCIDAL/FUNGICIDAL USE SOLUTION: Before using ProQuat, food products and packaging materials must be removed from the room or carefully protected. Add 4 fluid ounces per 5 gallons of water (0.25 ppm active) to disinfest hard non-porous surfaces. Apply ProQuat with a brush, cloth, mop or mechanical spray device. When applied with a mechanical spray device, surfaces must be sprayed until thoroughly wetted. For spray applications, use a coarse spray or trigger spray apparatus. Spray 8-9 inches from surface. Be sure to wet all surfaces thoroughly. Do not spray against hot, steam or dry. Do not broadcast. Rub with brush, cloth or mop. Do not rinse. Surfaces must remain wet for 10 minutes. Rinse or allow air to dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinses all surfaces that come in contact with food such as countertops, appliances, tables and storevats with potable water before reuse. Do not use ProQuat to clean or disinfect utensils, glassware, dishes or interior surfaces of appliances. Prepare a fresh solution at least daily or when the solution becomes cloudy or discolored. Note: With some chemicals, ProQuat may remove all food products. For heavily soiled areas, a preliminary cleaning is required.

GENERAL DISINFECTION PERFORMANCE IN NON-MEDICAL FACILITIES (Schools, Restaurants, Food Services, Dairies, Farms, Barnsage and Food Processing Plants and Other Non-Medical Facilities): Add 3 ounces of ProQuat to 5 gallons of water (or equivalent use dilution) (0.49 ppm active). Treated surfaces must remain wet for 10 minutes. At this use level, ProQuat is bactericidal according to the ACOD Use Dilution Test method on hard nonmetallic surfaces isolated in the presence of 0% serum. Campylobacter jejuni, Escherichia coli 0157:H7, Listeria monocytogenes, Proteus mirabilis, Salmonella enterica, Staphylococcus aureus Methicillin-resistant is inhibited, Yersinia enterocolitica.

*VIRUCIDAL PERFORMANCE: At 4 ounces per 5 gallons use level (0.25 ppm active), ProQuat was evaluated in the presence of 5% serum with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous environmental surfaces: Hepatitis 5 Simplex Type 2 virus, Human Coronavirus, Influenza A/Bearing Virus, Influenza A/Indian Virus, Vero cells.

*FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A VIRUS: For use in animal housing facilities, follow the animal premises directions.

FUNGICIDAL/MOLD/MILDEW

FUNGICIDAL ACTIVITY: At 4 ounces per 5 gallons use level (0.25 ppm active) ProQuat is effective against Trichophyton mentagrophytes, athlete’s foot fungus, fungus of fingernails, on maximum surfaces in the presence of 0% blood serum in locker rooms, dressing rooms, shower and bath areas and exercise facilities. Sucinate surfaces with use solution. Treated surfaces must remain wet for 10 minutes. Allow solution to dry on hard, non-porous surfaces at least 24 hours before re-treatment every seven days or when new growth appears. MOLD AND MILDEW CONTROL: At 4 ounces per 5 gallons use level (0.25 ppm active) ProQuat will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces. Allow treated and rinse treatment every seven days or when new growth appears. Allow surface to remain wet for 10 minutes.

ANIMAL PREMISES

*ANIMAL PREMISES VIRUCIDAL PERFORMANCE: At 4 ounces per 5 gallons use level (0.25 ppm active), ProQuat was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses on hard, non-porous environmental surfaces: Avian influenza A H5N1/ H5N2/ H7N7/ H7N9/ H9N2/ H10N3/ H11N5 virus, Avian Paramyxovirus, Avian Reovirus, Avian Influenza A H1N1 virus, Avian Coronaviruses, Canine Distemper Virus, Equine Arteritis virus, Influenza B/canine Rhinovirus virus IPR, Porcine Reproductive Respiratory Virus, Porcine Parovirus, Porcine Parasites, Pseudorabies virus, Transmissible Gastroenteritis TGE Virus * SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A VIRUS: Remove all poultry and feed from premises, trucks, coops, and cages. Remove all litter and droppings from floors, walls and other surfaces. Remove all feeders, drinkers, cages, pens, chutes and other equipment used in feeding and restraining animals as well as forks, shovels, scrapers used in removing litter and manure. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with the disinfecting solution 4 oz per 5 gallons of water (0.25 ppm active) for a period of 10 minutes. Remove all hoppers, feeders, cages, drinkers, and other types of equipment used in handling and restraining animals, as well as for water, feed, trash, and equipment used in restraining animals. Do not house poultry or other equipment unless treatment has been completed, set or dried. Thoroughly clean all surfaces with soap or detergent, rinse with water, and then with potable water before reuse.

SANITIZER DIRECTIONS FOR NON-FOOD CONTACT SURFACES IN FOOD PROCESSING FACILITIES

ENTRYWAY SANITIZING SYSTEMS: To prevent cross contamination from area to area, set the system to deliver 0.51 to 1.22 oz. per gallon of water (400-800 ppm active) of sanitizing solution. The spray system must be able to cover the entire path of the doorway. Set the system so that a continuous wet blanket of sanitizer solution is delivered to the floor.

Do not mix other foam additives with the sanitizing solution.

FOOD PROCESSING PREMISES

SANIZING OF FOOD PROCESSING EQUIPMENT AND OTHER HARD SURFACES IN FOOD PROCESSING LOCATIONS, DAIRES, RESTAURANTS AND BARS DIRECTIONS: For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, eating utensils, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard, non-porous surfaces. NOT POTABLE WATER IS ALLOWED.

Prior to application, remove gross food particles and soil by a pre-flush or pre-scrub and when necessary, pre-treat with thoroughly washed or flash objects with a good detergent or compatible cleaner, followed by a potable water rinse before applications of the sanitizing solution.
Before use as a sanitizer in federally inspected meat and poultry plants and facilities, food products and packaging materials must be removed from the room or carefully protected. Do not rinse following the use of ProQuat as a sanitizer on previously cleaned hard, non-porous surfaces and equipment. This equipment should be thoroughly rinsed before use. Do not use on plastic or other surfaces that may be damaged by the chemical. Do not contaminate by touching with hands or being exposed. Use a non-scratching utensil to agitate the solution. Do not use in areas with a high moisture content or where the temperature is above 80°F. Do not expose to direct sunlight.Keep out of reach of children. Do not use on plastics or other surfaces that may be damaged by the chemical. Do not contaminate by touching with hands or being exposed. Use a non-scratching utensil to agitate the solution. Do not use in areas with a high moisture content or where the temperature is above 80°F. Do not expose to direct sunlight. Keep out of reach of children.

**FOOD PROCESSING PLANTS USING FOGGING DEVICES:** Use for in-dairy, beverage and food processing plants. Prior to fogging, food products and packaging material must be removed from the room or carefully protected. After fogging, fogged areas should be fogged with 1 quart per 1000 cubic feet of room area with a solution containing 1% of ProQuat per 1 gallon of water (1.200 ppm). Wear a dust mask respirator while mixing the dust solution and while working with the fogging device. Vaporize the area with a minimum of 4 air exchanges per hour in the facility. All food contact surfaces must be thoroughly rinsed before use. Do not use on plastics or other surfaces that may be damaged by the chemical. Do not contaminate by touching with hands or being exposed. Use a non-scratching utensil to agitate the solution. Do not use in areas with a high moisture content or where the temperature is above 80°F. Do not expose to direct sunlight. Keep out of reach of children.

**FOOD PROCESSING EQUIPMENT AND UTENSILS:** For meat or poultry plants, equipment and utensils containing food products and packaging materials must be removed from the room or carefully protected. Do not rinse following the use of ProQuat as a sanitizer on previously cleaned hard, non-porous surfaces and equipment. This equipment should be thoroughly rinsed before use. Do not use on plastic or other surfaces that may be damaged by the chemical. Do not contaminate by touching with hands or being exposed. Use a non-scratching utensil to agitate the solution. Do not use in areas with a high moisture content or where the temperature is above 80°F. Do not expose to direct sunlight. Keep out of reach of children.

**BEVERAGE DISPENSING EQUIPMENT, SANITIZER DIRECTIONS:** For sanitizing of bottling or pre-sale dispensing equipment, after cleaning thoroughly rinse equipment with a potable water rinse. Fill equipment with a solution of 1 to 2 ounces of ProQuat per 4 gallons of water (200 - 400 ppm active). Allow solution to remain in equipment for at least 80 seconds, or until operations resume at which time the sanitizing solution must be drained from the system. To insure the removal of flavors, it is recommended that channeling/transfer of liquid be at least 1 minute. Drain thoroughly and store surface to air dry before reuse. Do not use on plastics or other surfaces that may be damaged by the chemical. Do not contaminate by touching with hands or being exposed. Use a non-scratching utensil to agitate the solution. Do not use in areas with a high moisture content or where the temperature is above 80°F. Do not expose to direct sunlight. Keep out of reach of children.

**SANITARY FILLING EQUIPMENT, SANITIZER DIRECTIONS:** For use in sanitizing bottles or cans in the final rinse application. ProQuat is to be proportioned into the final rinse water line of the container washer or rinser in the concentration of 200 - 400 ppm active. Prepare a solution of 1 to 2 ounces of ProQuat per 4 gallons of water (200 - 400 ppm active) for the exterior application for the filler and closing machines. Allow surfaces to remain wet for at least 80 seconds. Drain thoroughly and store surface to air dry before reuse. Do not use on plastics or other surfaces that may be damaged by the chemical. Do not contaminate by touching with hands or being exposed. Use a non-scratching utensil to agitate the solution. Do not use in areas with a high moisture content or where the temperature is above 80°F. Do not expose to direct sunlight. Keep out of reach of children.