FOR SAMPLE USE ONLY

# QUAT RINSE

DISINFECTANT • SANITIZER • MILDEWSTAT • VIRUCIDE*

With Organic Soil Tolerance For Hospitals, Nursing Homes, Restaurant, Food Handling and Process Areas, Bar and Institutional Kitchen Use.

EPA Reg. No. 10324-63-XXXXX • EPA Est. No. 3838-WI-1

**KEEP OUT OF REACH OF CHILDREN**

**DANGER PELIGRO**

See Side Panel For Additional Precautionary Statements.

**ACTIVE INGREDIENTS:**

Alkyl ($C_{14}$ 60% , $C_{16}$ 30%, $C_{12}$ 5% , $C_{18}$ 5%)
dimethyl benzyl ammonium chloride..... 5.0%
Alkyl ($C_{12}$ 68% , $C_{14}$ 32%)
dimethyl ethylbenzyl ammonium chloride.... 5.0%
**INERT INGREDIENTS:** ..... 90.0%
**TOTAL:** ..... 100.00%

**Net Contents: 1 Gallon (3.8 Liters)**

**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.

Efficacy tests have demonstrated that this product is an effective bactericide, virucide*, and fungicide in the presence of organic soil.

## 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. Do not use this product to clean or disinfect glassware, utensils, dishes or interior surfaces of appliances.

**DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions) AND NON-MEDICAL FACILITIES (Schools, Restaurants, Food Services, Beverage and Food Processing Plants and Other Non-Medical Facilities):** At 4 fluid ounces per 5 gallons of water use level (or equivalent use dilution) (625 ppm active) and with a 10-minute contact time, this product is bactericidal according to the AOAC Use Dilution Test method on hard non-porous surfaces modified in the presence of 5% organic serum against: Burkholderia cepacia, Campylobacter jejuni, Corynebacterium ammoniagenes, Escherichia coli 0157:H7, Enterococcus faecium Vancomycin Resistant, Klebsiella pneumoniae, Listeria monocytogenes, Proteus mirabilis, Pseudomonas aeruginosa, Salmonella enterica, Salmonella typhi, Shigella sonnei, Staphylococcus aureus, Staphylococcus aureus Methicillin resistant, Yersinia enterocolitica.

***VIRUCIDAL PERFORMANCE:** At 4 ounces of this product per 5 gallons of water use level (or equivalent use dilution), this product was evaluated with a 10-minute contact time in the presence of 5% serum and found to be effective against the following viruses on hard, non-porous surfaces: Avian influenza A Turkey/Wisconsin virus, Avian influenza A H5N1 virus, Hepatitis B Virus, Hepatitis C virus, HIV-1 (w/ 2 minute contact time), Herpes Simplex Type 1 virus, Herpes Simplex Type 2 virus, Human Coronavirus, Infectious Bronchitis Virus, Vaccinia virus, Influenza A2/Japan virus, Influenza A H1N1 virus. At 4 ounces of this product per 5 gallons of water (or equivalent use dilution) (625 ppm active) and in the presence of 5% organic load, this product was proven to be effective against Duck Hepatitis B Virus (HBV) and Bovine Viral Diarrhea Virus BVDV surrogate for human Hepatitis C virus with a contact time of 10 minutes.

**FUNGICIDAL PERFORMANCE:** At 4 ounces of this product per 5 gallons of water use level (or equivalent use dilution) (625 ppm active) and with a 10-minute contact time, this product is effective in the presence of 5% blood serum against the following on hard non-porous surfaces: Aspergillus niger, Trichophyton mentagrophytes.

**FOOD CONTACT SANITIZING DIRECTIONS:** Before use as a sanitizer in public eating places, food products and packaging materials must be removed from the room or carefully protected. 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 application of the sanitizing solution.

**SANITIZING OF FOOD PROCESSING EQUIPMENT AND OTHER HARD, NON-POROUS FOOD CONTACT SURFACES IN FOOD PROCESSING LOCATIONS, RESTAURANTS AND BARS DIRECTIONS:** For sanitizing pre-cleaned food processing equipment, food utensils, dishes, silverware, eating utensils, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard, non-porous food contact surfaces, apply use solution of 1-2 ounce(s) of this product per 4 gallons of water (or equivalent use dilution) (200-400 ppm active) with a cloth, brush, sponge, mop, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device or by immersion, thoroughly wetting surfaces. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Rub with brush, sponge or cloth. Dishes, silverware, glasses, cooking utensils, eating utensils and other similar size food processing equipment can be sanitized by immersion in a 1-2 ounce(s) per 4 gallons use solution of this product. Allow surface to remain wet for at least 1 minute. Thoroughly drain all sanitized articles and then air dry. NO POTABLE WATER RINSE IS ALLOWED. 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. The used sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning.

**For Food Processing Equipment and Utensils in Food Processing Facilities:** Apply a solution of 1-2 ounce(s) of this product in 4 gallons of water (or equivalent use dilution) (200-400 ppm active) to pre-cleaned, hard, non-porous surfaces thoroughly wetting surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device or by immersion. For spray applications, spray 6 to 8 inches from surface. Rub with brush, sponge, or cloth. Do not breathe spray. From a Closed Loop Dilution Center, apply 200-400 ppm active solution to the surface to be sanitized. Surfaces must remain wet for at least 1 minute. Thoroughly drain all sanitized articles and then air dry. NO POTABLE WATER RINSE IS ALLOWED. 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. The used sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning.

**Food Contact Sanitizing Performance:** At 1 ounce of this product per 4 gallons of water (or equivalent use dilution) (200 ppm active), this product eliminates 99.999% of the following bacteria in 60 seconds in 500 ppm hard water, calculated as $CaCO_3$, according to the Germicidal and Detergent Sanitizing Action of Disinfectants test: Campylobacter jejuni, Escherichia coli, Escherichia coli 0157:H7, Listeria monocytogenes, Shigella dysenteriae, Staphylococcus aureus, Yersinia enterocolitica. At 1 ounce of this product per 4 gallons this sanitizer fulfills the criteria of Appendix F of the Grade A Pasteurized Milk, Ordinance 1978 Recommendations of the U.S. Public Health Services in waters up to 500 ppm of hardness calculated as $CaCO_3$ when evaluated by the Germicidal and Detergent Sanitizer Method against Escherichia coli and Staphylococcus aureus.

## WISCONSIN STATE DIVISION OF HEALTH DIRECTIONS FOR EATING ESTABLISHMENTS - Not Applicable in CA

1. Scrape and pre-wash hard non-porous utensils and glasses whenever possible.
2. Wash with a good detergent or compatible cleaner.
3. Rinse with potable water.
4. Sanitize in a solution from the Closed Loop Dilution Center (200-400 ppm active) for at least one minute or for contact time specified by governing sanitary code.
5. Place sanitized utensils on a rack or drain board to air-dry.

**NOTE:** A clean potable water rinse following sanitization is not permitted under Section HFS 196.13 of the Wisconsin Administrative Code.

**PREPARATION OF DISINFECTION/VIRUCIDAL*/FUNGICIDAL USE SOLUTION:** For heavily soiled areas, a preliminary cleaning is required. Add 4 ounces of this product to 5 gallons of water (or equivalent use dilution) (625 ppm active) to disinfect hard non-porous surfaces. Apply use solution using a brush, sponge, cloth, mop, auto scrubber, 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. Treated surfaces must remain wet for 10 minutes. Rinse. Rinsing of floors is not necessary unless they are to be waxed or polished. 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.

This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or, (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product can be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

***KILLS HIV, HCV 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 hard, non-porous 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), Hepatitis C virus (HCV) and Hepatitis B virus (HBV).

**"SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HCV AND HBV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS." Personal Protection:** Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks and eye protection. **Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from hard, non-porous surfaces and objects before application of the disinfectant. **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:** For HIV, leave hard, non-porous surfaces wet for two minutes with a 4-ounce of this product per 5 gallons of water (or equivalent use dilution) (625 ppm active) use solution. This contact time will not control other common types of viruses and bacteria. For HBV and HCV, leave hard, non-porous surfaces wet for 10 minutes with a 4-ounce of this product per 5 gallons (or equivalent use dilution) (625 ppm active) use solution.

**FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A H5N1 VIRUS:** For use in hospitals, hotels, motels, schools and other non-animal use sites, follow the PREPARATION OF DISINFECTION/VIRUCIDAL*/FUNGICIDAL USE SOLUTION directions.

**MOLD AND MILDEW CONTROL DIRECTIONS:** At 4 ounces of this product per 5 gallons use-level (or equivalent use dilution) (625 ppm active), this product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces. Apply use solution by cloth, sponge, mop, brush, auto scrubber, mechanical spray device to thoroughly wet all treated surfaces completely. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Saturate surfaces with use solution. Allow surface to remain wet for 10 minutes. Allow solution to dry on surface and repeat treatment every seven days or when new growth appears. Change cloth, sponge or towels frequently to avoid redeposition of soil. Change the solution at least daily or when use solution becomes visibly dirty.

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## PRECAUTIONARY STATEMENTS
## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the 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 using the toilet. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use or store near heat or open flame. Do not mix with oxidizers, anionic soaps and detergents.

**Net Contents: One Gallon (3.8 Liters)**

## 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 ¼ 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.

**B-14**

PRODUCT NUMBER:
**ELKINS2331-GR4**

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