

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER**

**CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. May be fatal if swallowed. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store only in original container. Do not reuse empty 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 DISPOSAL** - (Larger than 1 gallon) - Triple rinse (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, if allowed by state and local authorities, by burning. If burned, stay out of smoke. (1 gallon and smaller). Do not reuse empty container. Wrap container and put in trash.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. 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 may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

Solution is designed specifically for hospitals, food processing plants, dairies restaurants, bars, animal quarters, poultry and turkey farms, hatcheries, kennels and Institutions where disinfection, sanitation, and deodorization is of prime importance. When used as directed, solution is formulated to disinfect pre-cleaned inanimate, hard surfaces such as walls, floors, sink tops, tables, chairs telephones, and bed frames.

This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odors caused by microorganism. In addition, this product will sanitize previously cleaned and rinsed non-porous food contact surfaces such as tanks, chopping blocks, counter tops, drinking glasses and eating utensils. This product can also be used to sanitize previously cleaned food grade eggs in shell egg and egg product processing plants.

**DISINFECTION:** To disinfect pre-cleaned, inanimate, hard surfaces apply this product with a mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For disinfection, a pre-cleaning step is required. Prepare a fresh solution for each use.

**DILUTION RATES:**

**GENERAL DISINFECTION** - Add 1-1/2 ounces of this product per 5 gallons of water for disinfection against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Listeria monocytogenes*.

**HOSPITAL DISINFECTION** - Add 1-3/4 ounces of this product per 5 gallons of water for disinfection against *Pseudomonas aeruginosa*.

# QUATCID

**Disinfectant-Sanitizer, Virucide\* Mildewstat (on hard inanimate surfaces)**

**ACTIVE INGREDIENTS:**

n-Alkyl (60% $C_{14}$ , 30% $C_{16}$ , 5% $C_{12}$ , 5% $C_{18}$ )  
dimethyl benzyl ammonium chloride 10.0%

n-Alkyl (68% $C_{12}$ , 32% $C_{14}$ )  
dimethyl ethylbenzyl ammonium chloride 10.0%

**INERT INGREDIENTS:** 80.0%

**TOTAL:** 100.0%

EPA Reg. No.10324-94-11725 EPA Est. No. 11725-GA-1

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

See side panel for additional **precautionary statements**

**STATEMENT OF PRACTICAL TREATMENT**

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

*Sold Exclusively By:*



**BIO-TEK INDUSTRIES, INC.**  
**1380 West Marietta St. NW**  
**Atlanta, GA 30318**  
**Ph. 404-799-2050**  
**Fax 404-799-2058**  
**www.bio-tekusa.com**

**OTHER USES:** For disinfection of pre-cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 3/4 ounce of this product per gallon of water for 10 minutes.

For disinfection of pre-cleaned poultry equipment (brooders, watering founts, feeding equipment and incubators), animal quarters and kennels, apply a solution of 1-3/4 ounces of this product per 5 gallons of water. Small utensils should be immersed in this solution. Prior to disinfection, all poultry, other animals and their feeds must be removed from the premise. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate building, coops, and other closed spaces. Do not house poultry, other animals or employ equipment until treatment has been absorbed, set or dried. After treatment, thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent and rinse with potable water before reuse. **ALL TREATED EQUIPMENT THAT WILL CONTACT FEED OR DRINKING WATER MUST BE RINSED WITH POTABLE WATER BEFORE REUSE.**

**SANITATION** - Recommended for use in restaurants, dairies, food processing plants, and bars. When used as directed, this product is an effective sanitizer against *Escherichia coli* and *Staphylococcus aureus*. Remove all gross food particles and soil from areas which are to be sanitized with a good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with a potable water rinse.

To sanitize pre-cleaned and potable water-rinsed, non-porous food contact surfaces prepare a 200 ppm active quaternary solution by adding 1/2 ounce of this product to 4 gallons of water, 1 1/4 ounces to 10 gallons of water or 2 1/2 ounces to 20 gallons of water.

To sanitize immobile items such as tanks, chopping blocks and counter tops, flood the area with a 200 ppm active quaternary solution for at least 60 seconds, making sure to wet all surfaces completely. Remove, drain the use solution from the surface, and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds, making sure to immerse completely. Remove, drain the used solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

**EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds, making sure to immerse completely. Remove, drain the used solution from the surface and air dry.

Prepare a fresh solution daily or more frequently as soil is apparent. When used for sanitization of previously cleaned food equipment or food contact items, limit the active quaternary to 200 ppm. **NO POTABLE WATER RINSE IS REQUIRED.** This product is an effective sanitizer when diluted in water to 750 ppm hardness. (CaCO<sub>3</sub>).

To sanitize previously cleaned food grade eggs in shell egg and egg product processing plants, spray with a solution of 1/2 ounce of this product in 4 gallons of warm water (200 ppm active quaternary solution). The solution should be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product shall be subjected to **POTABLE WATER RINSE ONLY IF THEY ARE BROKEN IMMEDIATELY** for use in the manufacture of egg products. Eggs should be dry before casing or breaking. The solution should not be reused for sanitizing eggs.

**Virucidal Activity** – This product, when used on environmental, inanimate hard surfaces at 1-3/4 ounces per 5 gallons of water exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1, (causative agent of fever blisters), Vaccinia virus (representative of the pox virus group), Avian influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection) Newcastle disease virus and Laryngotracheitis Virus.

At 2.5 oz. per 5 gallons in the presence of 5% blood serum and 400 ppm of hardness for a 2 minute contact time this product was found to be effective against HIV -1 (AIDS Virus).

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

Effective against HIV on pre-cleaned 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).

**Personal Protection:** Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, or eye coverings.

**Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

**Disposal of Infectious Materials:** Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

**Contact Time:** Leave surfaces wet for 2 minutes. This contact time will not control other common type of viruses and bacteria.

**Deodorization** – To deodorize, apply this product as indicated under the heading **GENERAL DISINFECTION.**

**Mildewstat** – To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 1-1/2 ounces of this product per 5 gallons of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.