

DIRECTIONS FOR USE

See the back of this page for full label directions.

Active Ingredient

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chlorides10.0%

n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl
ammonium chlorides10.0%

Inert Ingredients 80.0%

PACKAGING

1 gallon containers

CAUTIONS

DANGER: Causes severe eye and skin damage.

EXTERNAL: Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician immediately. Remove and wash contaminated clothing before reuse.

INTERNAL: Harmful or fatal if swallowed. Avoid contamination of food. If swallowed, drink egg whites or gelatin solution; or, if these are not available, drink large quantities of water. Call a physician immediately.

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

KEEP OUT OF REACH OF CHILDREN

AVI-QUAT 20™

DISINFECTANT

ADVANTAGES

- A general disinfectant for farm premises, poultry houses, and hatcheries.
- Disinfects, sanitizes, and deodorizes.
- 1 oz to 1 gallon dilution.
- Effective against Avian Influenza virus.
- Can be used in evaporative coolers.
- No potable water rinse required if active quaternary solution is 200 ppm or below.
- Efficacy tests have demonstrated that this product is an effective bactericide and virucide in the presence of organic soil (5% blood serum).

INDICATIONS

AVI-QUAT 20™ is an odorless disinfectant of high germicidal, bacteriostatic, and virucidal activity.

DIRECTIONS FOR USE

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

AVI-QUAT 20™ is designed specifically for hospitals, food processing plants, dairies, restaurants, bars, animal quarters, kennels and institutions where disinfection, sanitization and deodorization is of prime importance. When used as directed, this product is formulated to disinfect precleaned 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 microorganisms. In addition, this product can also be used to sanitize previously cleaned food grade eggs in shell egg and egg product processing plants.

DISINFECTION: To disinfect precleaned, inanimate, hard surfaces, apply this product with 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 precleaning step is required. Prepare a fresh solution for each use.

DILUTION RATES

GENERAL DISINFECTION: Add 1 ½ ounces of this product per 5 gallons of water for disinfection against Staphylococcus aureus, Salmonella choleraesuls, Listeria monocytogenes, and Yersinia enterocolitica.

HOSPITAL DISINFECTION: Add 1 ¾ ounces of this product per 5 gallons of water for disinfection against Pseudomonas aeruginosa.

OTHER USES: For disinfection of precleaned poultry equipment (brooders, watering founts, feeding equipment), animal quarters and kennels, apply a solution of 1 ¾ 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 premises. 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.

ALL TREATED EQUIPMENT THAT WILL CONTACT FEED OR DRINKING WATER MUST BE RINSED WITH POTABLE WATER BEFORE REUSE.

***VIRUCIDAL ACTIVITY:** This product, when used on environmental inanimate hard surfaces at 1 ¾ 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), Adenovirus Type 5 (causative agent of upper respiratory infections), Vaccinia virus (representative of the pox virus group), and Avian Influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection).

SANITIZATION: Recommended for use in restaurants, dairies, food processing plants, and bars. When used as directed, this product is an effective sanitizer against Escherichia coli, Yersinia enterocolitica, 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 ½ ounce of this product to 4 gallons of water, 1 ¼ ounces to 10 gallons of water, or 1 ½ 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 used 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 lasses 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 up to 750 ppm hardness (CaCO₃).

To sanitize previously cleaned food grade eggs in shell egg and egg product processing plants, spray with a solution of ½ ounce of this product in 4 gallons of warm water (200 ppm quat.). 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 a potable water rinse only if they are broken immediately for use in the manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be reused for sanitizing eggs.

DEODORIZATION: To deodorize, apply this product as indicated under the heading 'GENERAL DISINFECTION'.

MILDEWSTAT: To control mold and mildew on precleaned, hard, non-porous surfaces, add 1 ½ ounces of this product per gallon 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.