

# BIO-QUAT 10

## SANITIZER / DISINFECTANT

### DESCRIPTION:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. BIO-QUAT 10 solution is designed for use in hospitals, nursing homes, hotels, schools, homes, dairies, restaurants bars, animal quarters and institutions where disinfection, sanitization and deodorization are of prime importance. This product is authorized by USDA for use in Federally inspected meat and poultry processing plants. When used as directed, this product is formulated to disinfect hard nonporous, inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets, tables, chairs, and telephones. 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.

### EPA REGISTERED:

EPA REG. NO 1839-86-2839 EPA EST number 2839-CA-01

### INGREDIENTS:

ACTIVE INGREDIENTS: Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>)  
dimethyl benzyl ammonium chlorides.....5.0%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
Dimethyl ethylbenzyl ammonium chlorides .....5.0%  
INERT INGREDIENTS: .....90.00%  
TOTAL .....100.00%

### DIRECTIONS FOR USE:

**DISINFECTION** - To disinfect pre-cleaned, inanimate, hard nonporous surfaces, apply this product with mop, cloth, sponge or hand-pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. **GENERAL DISINFECTION** - Add 3 ounces of this product per 5 gallons of water for disinfection against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Listeria monocytogenes*, and *Yersinia enterocolitica*. **HOSPITAL DISINFECTION** - Add 3 1/2 ounces of this product per 5 gallons of water for disinfection against *Pseudomonas aeruginosa*.

**DISINFECTION OF POULTRY EQUIPMENT, ANIMAL QUARTERS AND KENNELS** - For disinfection of pre-cleaned poultry equipment (brooders watering founts, feeding equipment), animal quarters and kennels, apply a solution of 3 1/2 ounces of this product per 5 gallons of water. Remove all poultry, animals, and feed from premises, trucks, coops, and crates. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry or animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate the surfaces with the disinfecting solution for a period of 10 minutes. Ventilate building coops, and other closed spaces. Do not house poultry or 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 nonporous surfaces at 3 1/2 ounces per 5 gallons of water exhibits effective virucidal activity against Influenza A<sub>2</sub>/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), and HIV-1 (Human Immunodeficiency Virus Type 1).

**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*, *Escherichia coli* 0157:H7, *Staphylococcus aureus*, *Yersinia enterocolitica* and *Listeria monocytogenes*.

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 ounce of this product to 4 gallons of water, 2 1/2 ounces to 10 gallons of water, or 5 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 excess, 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 items, drain the use 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 (CaCO<sub>3</sub>).



**SANITEK**

CHEMICAL SPECIALTIES MANUFACTURER

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