

This product is designed for use in hospitals, nursing homes, hotels, schools, food processing plants, dairies, restaurants, bars, animal quarters, kennels, farm use, and institutions where disinfection, sanitization and deodorization is of prime importance. This product can be used in federally inspected meat and poultry processing plants. When used as directed, this product is formulated to disinfectant hard, non-porous, inanimate, environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets, tables, chairs, countertops, appliances and telephones.

This product can also be used for sanitization of shell eggs intended for food in shell egg and egg product processing plants.

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* and *Staphylococcus aureus*. Tests show that this product is an effective sanitizer at the 150 ppm level. However, if you wish an extra margin of performance, this product may be used up to the 400 ppm level. 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 150, 200, 300 or 400 ppm active quaternary solution by using the following dilution table:

Active Quat Solution	1 Gallon	4 Gallons	10 Gallons	20 Gallons
150 ppm	0.25 ounce	1 ounce	2.5 ounces	5 ounces
200 ppm	0.34 ounce	1.36 ounces	3.4 ounces	6.8 ounces
300 ppm	0.5 ounce	2 ounces	5 ounces	10 ounces
400 ppm	0.67 ounce	2.67 ounces	6.67 ounces	13.34 ounces

STORAGE AND DISPOSAL DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke. For containers 1 gallon or less: Do not reuse empty container. Rinse thoroughly before discarding in trash.

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.

Sold by:



2950 Mowery Road, Houston, Texas 77045 (713) 413-9700
Net Contents: 1 Gallon (3.78 Liters)

Refresh Sanitizer

9709 Disinfectant, *Virucide, Fungicide (against pathogenic fungi), Mildewstat (on hard, inanimate surfaces), Deodorizer

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride	2.250%
Diocetyl dimethyl ammonium chloride	1.125%
Didecyl dimethyl ammonium chloride	1.125%
Alkyl (50% C14, 40% C12, 10% C16)	
dimethyl benzyl ammonium chloride	3.000%

INERT INGREDIENTS 92.500%
TOTAL 100.000%

EPA Reg. No. 1839-173-57818 EPA Est. No. 57818-TX-001

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. KEEP OUT OF REACH OF CHILDREN

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

FIRST AID Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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 poison control center or doctor for treatment advice.

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 Swallowed: Call a poison control center or doctor immediately for treatment advice. Have a 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.

See Reference Sheet for additional use directions.

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 for use on critical and semi-critical medical device surfaces.

DISINFECTION - To disinfect inanimate, hard, non-porous surfaces apply this product with mop, cloth, sponge, low pressure coarse sprayer or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow treated surfaces 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 2 ounces of this product per 4.5 gallons (0.44 ounce per gallon) of water for disinfection against *Staphylococcus aureus* and *Salmonella choleraesuis*.

HOSPITAL DISINFECTION - Add 3.5 ounces of this product per 4.5 gallons (0.78 ounce per gallon) of water for disinfection against *Staphylococcus aureus*, *Salmonella choleraesuis*, and *Pseudomonas aeruginosa*.

To disinfect toilet bowls: Remove gross filth prior to disinfecting. Flush toilet, add 2 ounces of this product directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

To disinfect food service establishment or restaurant food contact surfaces: countertops, outside of appliances and tables, add 3.5 ounces of this product per 4.5 gallons (0.78 ounce per gallon) of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer, so as to wet all surfaces thoroughly. Allow the surface to remain wet for 10 minutes, then remove excess liquid and rinse the surface with potable water. For sprayer application use a coarse spray. Before using this product, food products and packaging materials must be removed from the area or carefully protected. This product cannot be used to clean the following food contact surfaces: utensils, glassware and dishes.

***VIRUCIDAL ACTIVITY** - This product, when used on environmental, inanimate hard surfaces at 3.5 ounces of this product per 4.5 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), Herpes Simplex Type 2 (genital disease), Vaccinia virus (representative of the pox virus group), and Avian Influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection). Treated surfaces must remain wet for 10 minutes.

FUNGICIDAL ACTIVITY - At 1 ounce of this product per 4.5 gallons of water, this product is fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes* (Athlete's Foot Fungus), when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, non-porous, hard surfaces commonly contacted by bare feet.

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

MILDEWSTAT - To control mold and mildew on pre-cleaned, hard, non-porous surfaces, add 3 ounces of this product per 5 gallons of water. Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or low pressure coarse sprayer, 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.