

FLO-QUAT

FL 630

Disinfectant • Sanitizer • Virucide* With Organic Soil Tolerance For Institutional, Industrial, Schools, Food Handling and Process Areas, Federally Inspected Meat and Poultry Plants.

ACTIVE INGREDIENTS:

Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆)	
Dimethyl Benzyl Ammonium Chloride	4.0%
Octyl Decyl Dimethyl Ammonium Chloride.....	3.0%
Didecyl Dimethyl Ammonium Chloride	1.5%
Diocetyl Dimethyl Ammonium Chloride	1.5%
OTHER INGREDIENTS:	90.0%
TOTAL:	100.0%

GENERAL DISINFECTION PERFORMANCE: This product kills the following bacteria in 10 minutes at 1.75 oz. per 5 gal. of water (260 ppm active) on hard, non-porous surfaces: *Salmonella enterica*, *Staphylococcus aureus*

DISINFECTION PERFORMANCE: This product kills the following bacteria in 10 minutes at 3 oz. per 5 gal. of water (450 ppm active) and 5% soil on hard, non-porous surfaces against: *Burkholderia cepacia*, *Campylobacter jejuni*, *Clostridium perfringens-vegetative*, *Corynebacterium ammoniagenes*, *Escherichia coli* 0157:H7, *Enterococcus faecium* (Vancomycin Resistant) (VRE), *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Pseudomonas aeruginosa*, *Rhodococcus equi*, *Salmonella enterica*, *Salmonella enterica serovar agona*, *Salmonella enterica serovar anatum*, *Salmonella enterica serovar infantis*, *Salmonella enterica serovar Newport*, *Salmonella enterica serovar typhimurium*, *Salmonella typhi*, *Shigella sonnei*, *Staphylococcus aureus*, *Staphylococcus aureus* (Methicillin Resistant) (MRSA), *Staphylococcus aureus* (Community Associated Methicillin Resistant) (CA MRSA), *Streptococcus equi*.

VIRUCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 3 oz. per 5 gal. of water (450 ppm active) and 5% soil on hard, non-porous surfaces: Avian Influenza A (H5N1) Virus, Avian influenza/Turkey/Wisconsin Virus, Human Coronavirus, Hepatitis B Virus, Hepatitis C Virus, Herpes Simplex Type 1 Virus, Herpes Simplex Type 2 Virus, Human Immunodeficiency Virus Type 1 ‡ (HIV-1), Influenza A (H1N1) Virus, Influenza A2/ Hong Kong Virus, Influenza A2/J305 Virus, Norovirus (Norwalk-like Virus), Vaccinia Virus. ‡ Indicates a 2-minute contact time is required for this claim.

FOOD CONTACT SANITIZING PERFORMANCE: This product is an effective food contact sanitizer in 1 minute at 1 oz. per 4 gal. of 500 ppm hard water (200 ppm active) on hard, non-porous surfaces: *Aeromonas hydrophila*, *Campylobacter jejuni*, *Clostridium perfringens-vegetative*, *Escherichia coli*, *Escherichia coli* O111:H8, *Escherichia coli* O157:H7, *Escherichia coli* O45:K-:H-, *Escherichia coli* O103:K-:H8, *Escherichia coli* O121:K-:H10, *Escherichia coli* O26:H11, *Enterococcus faecalis* Vancomycin Resistant, *Enterobacter sakazakii*, *Listeria monocytogenes*, *Klebsiella pneumoniae*, *Salmonella enterica*, *Salmonella enteritidis*, *Salmonella typhi*, *Shigella dysenteriae*, *Shigella sonnei*, *Staphylococcus aureus*, *Staphylococcus aureus* Methicillin Resistant, *Streptococcus pyogenes*, *Yersinia enterocolitica*.

This product is an effective food contact sanitizer in 1 minute at 0.75 oz. per 4 gal. of 300 ppm hard water (150 ppm active) on hard, non-porous surfaces:

Escherichia coli, Staphylococcus aureus.

This product is an effective food contact sanitizer in 1 minute at 2 oz. per 4 gal. of 1000 ppm hard water (400 ppm active) on hard, non-porous surfaces:

Escherichia coli, Staphylococcus aureus

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 in federally inspected meat and poultry food processing plants, food products and packaging materials must be removed from the room or carefully protected.

This product is not for use on medical device surfaces.

HOSPITAL/HEALTH CARE/MEDICAL/NON-MEDICAL DISINFECTION

FOR USE AS A GENERAL, HOSPITAL DISINFECTANT, VIRUCIDE*, CLEANER:

Pre-clean heavily soiled areas. Apply use solution of 3 oz. of this product per 5 gal. of water (or equivalent use dilution) to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray.

Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth. Rinsing of floors is not necessary unless they are to be waxed or polished.

Prepare a fresh solution daily or when visibly dirty.

***KILLS HIV, HBV and HCV ON PRE-CLEANED HARD, NON-POROUS 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 Type1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV and HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODYFLUIDS.

Personal Protection: Wear protective latex gloves, gowns, masks and eye protection. Cleaning Procedure: Blood and other body fluids containing HIV-1, HBV & HCV must be thoroughly cleaned from hard, non-porous surfaces and objects before application of this product.

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: Allow hard, non-porous surfaces to remain wet for 2 minutes to kill HIV and for 10 minutes to kill all other viruses and bacteria listed on the label.

FOR USE AS A GENERAL DISINFECTANT, CLEANER ON HARD, NON-POROUS

SURFACES: Pre-clean heavily soiled surfaces. Apply use solution of 1.75 oz. of this product per 5 gal. of water (260 ppm active) (or equivalent use dilution) to hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth. Prepare a fresh solution daily or when visibly dirty.

FLO-KEM

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FLO-KEM.com



TECHNICAL DATA

FOOD CONTACT SANITIZING DIRECTIONS

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 applications of the sanitizing solution.

FOOD CONTACT SANITIZING DILUTION TABLE

To prepare a 150, 200, 300 or 400 ppm active solution use the following dilution table. Prepare the correct dilution rate based upon the appropriate use site.

FOOD CONTACT SANITIZING DILUTION TABLE				
Active solution	1 gallon	4 gallons	10 gallons	20 gallons
150 ppm	0.19 oz.	0.75 oz.	1.92 oz.	3.84 oz.
200 ppm	0.25 oz.	1.0 oz.	2.5 oz.	5.0 oz.
300 ppm	0.375 oz.	1.5 oz.	3.75 oz.	7.5 oz.
400 ppm	0.50 oz.	2.0 oz.	5.0 oz.	10.0 oz.

FOOD CONTACT SANITIZING PERFORMANCE FOR FOOD PROCESSING EQUIPMENT, UTENSILS AND OTHER HARD, NON-POROUS FOOD CONTACT SURFACES IN FOOD PROCESSING LOCATIONS, MEAT PLANTS DIRECTIONS (REGULATED BY 40CFR sec 180.940(a)(c)):

Immerse pre-cleaned glassware, dishes, silverware, cooking utensils and other similar size food processing equipment in a solution of 0.75-2 oz of this product per 4 gallons of water (150-400 ppm active quat) (or equivalent use dilution) for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food so that little or no residue remains. Do not rinse.

For articles too large for immersing, apply a use solution of 0.75-2 oz. of this product per 4 gallons of water (150-400 ppm active quat) (or equivalent use dilution) to sanitize hard, non-porous food contact surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Surfaces must remain wet for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food so that little or no residue remains. Do not rinse. Prepare a fresh solution daily or when visibly dirty.

For mechanical application, use solution must not be reused for sanitizing applications.

Product Specifications:

ColorClear Liquid
 Fragrance None
 pH 6.0-9.0
 Specific Gravity 0.9895 – 1.005
 % Quat Active 10.0% -10.5%

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