

# FLO-QUAT

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

THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND VIRUCIDE\* IN THE PRESENCE OF 5% BLOOD SERUM.

### ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride .....	3.0%
Didecyl Dimethyl Ammonium Chloride .....	1.5%
Diocetyl Dimethyl Ammonium Chloride .....	1.5%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	4.0%
<b>INERT INGREDIENTS:</b> .....	<b>90.0%</b>
<b>TOTAL</b> .....	<b>100.0%</b>

### KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

See side panel for additional precautionary statements.

EPA REG. NO. 10324-117-10693

EPA EST. NO.: 10693-CA-1

#### First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  
**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 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 a poison control center or doctor for treatment advice.  
**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have 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.

**PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.**  
**DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.**



**NET CONTENTS: 1 GALLON (3.78L)**



STATE OF HAWAII  
Department of Agriculture

**ACCEPTED**

LICENSE NO. **9589.24**

**DISINFECTION PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES:** This product is bactericidal according to the AOAC Use Dilution Test method on hard, non-porous surfaces modified in the presence of 5% organic serum against: *Burkholderia cepacia*, *Campylobacter jejuni*, *Clostridium perfringens-vegetative*, *Corynebacterium ammoniagenes*, *Escherichia coli* O157: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, *Community Associated Methicillin Resistant Staphylococcus aureus* (CA MRSA), *Streptococcus equi*.

**VIRUCIDAL\* PERFORMANCE:** This product was evaluated and found to be effective in the presence of 5% blood serum against the following viruses 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, HIV-1, Influenza A (H1N1) Virus, Influenza A2/Hong Kong Virus, Influenza A2/J305 Virus, Norovirus (Norwalk-like Virus), Vaccinia Virus.

**FOOD CONTACT SANITIZING PERFORMANCE:** This product was evaluated in water up to 500-ppm hardness and found to be an effective food-contact surface sanitizer against: *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*.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Before using in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected. Prior to use of this product, cover or remove all food and packaging material before disinfection and remove all animals and feeds from areas to be treated, animal transportation vehicles, and enclosures. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by poultry or other animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water. **Do not use in milking stalls, milking parlors or milk houses.**

**DISINFECTION/VIRUCIDAL\* PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES:** Add 3 ounces of this product to 5 gallons of water (450 ppm active). For heavily soiled areas, a preliminary cleaning is required. Apply use solution to hard non-porous surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Immerse all halters and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in the use solution. After application, ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers and other treated equipment which can contact food or water with soap or detergent, and rinse with potable water before reuse.

Rub with brush, cloth, mop, or sponge. Treated surfaces must remain wet for 10 minutes. Allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all treated surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A (H5N1) VIRUS:** For use in hospitals, hotels, motels, schools, and other non-animal use sites, follow the **DISINFECTION/VIRUCIDAL\* PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES** directions.

### HOSPITAL/HEALTH CARE/INSTITUTIONAL

This product is not for use on Medical device surfaces.  
**\*KILLS HIV, HBV AND HCV ON PRECLEANED 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 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 Type 1 (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/BODY FLUIDS.\* Personal Protection:** Clean up must always be done wearing 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 nonporous 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:** For HIV only, leave hard nonporous surfaces wet for 2 minutes. For all other viruses and bacteria, leave hard nonporous surfaces wet for 10 minutes. The 2-minute contact time will not control other common types of viruses and bacteria listed on this label.

### 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 GUIDE

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.

### PUBLIC EATING PLACES, DAIRY PROCESSING EQUIPMENT, FOOD PROCESSING EQUIPMENT AND UTENSILS SANITIZING DILUTION CHART

Active solution	1 gallon	4 gallons	10 gallons	20 gallons
<b>150 ppm</b>	0.19 ounce	0.75 ounce	1.92 ounces	3.84 ounces
<b>200 ppm</b>	1/4 ounce	1.0 ounce	2 1/2 ounces	5.0 ounces
<b>300 ppm</b>	0.375 ounce	1 1/2 ounces	3 3/4 ounces	7 1/2 ounces
<b>400 ppm</b>	1/2 ounce	2.0 ounces	5.0 ounces	10.0 ounces

**FOOD CONTACT SANITIZING PERFORMANCE FOR FOOD PROCESSING EQUIPMENT AND UTENSILS IN FOOD PROCESSING LOCATIONS DIRECTIONS REGULATED BY 40CFR sec 180.940(a)(c):** Apply a use solution of 0.75 to 2 oz of this product per 4 gallons of water (150-400 ppm) (or equivalent use dilution) as is to sanitize hard nonporous food contact surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Allow surface to remain wet for at least 1 minute. Allow surfaces to air dry. **NO POTABLE WATER RINSE IS ALLOWED.** Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty. For mechanical application, use solution must not be reused for sanitizing applications.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. Keep Out of Reach of Children.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

#### ENVIRONMENTAL HAZARD

This product is toxic to fish.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.  
Do not mix with oxidizers, anionic soaps and detergents.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**CONTAINER HANDLING/PESTICIDE STORAGE:** Store only in original container. Do not reuse empty container. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**RESIDUE REMOVAL:** Triple rinse as follows: Fill the container ¼ full with water and recap. Agitate vigorously and drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat two more times. Wrap and put in trash or offer for recycling if available.

**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:** Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. Follow Pesticide Disposal instructions.

Sold by: **LMC Enterprises dba Flo-Kem**  
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08/26/15

ESL: 051313