



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD **2015-2017** LIC. NO.

9026.51



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD **2012-2014** LIC. NO.

MIXMATE™
SANITATION SYSTEM

SHURGUARD ULTIMATE

SANITIZER • VIRUCIDE* • MILDEWSTAT • DEODORIZER • DISINFECTANT
For Use in Hospitals, Nursing Homes, Hotels & Motels, Restaurant and Bars

EPA Reg. No. 10324-81-7546

EPA Est. No. 7546-WI-1

ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride.....	2.250%
Didecyl Dimethyl Ammonium Chloride.....	1.125%
Diocetyl Dimethyl Ammonium Chloride.....	1.125%
Alkyl (C14, 50%; C12, 40%; C16, 10%) Dimethyl Benzyl Ammonium Chloride.....	3.000%

INERT INGREDIENTS	92.500%
TOTAL	100.000%



**KEEP OUT OF REACH OF
CHILDREN
DANGER
PELIGRO**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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.

**PHYSICAL OR CHEMICAL
HAZARDS**

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

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.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. **PESTICIDE STORAGE:** Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the

contents. 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. **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 HANDLING:** Non-refillable container. Do not reuse this container to hold materials other than pesticides or rinsate. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations. **RESIDUE REMOVAL INSTRUCTIONS:** Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

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 Medical device surfaces. **INSTITUTIONAL DISINFECTANT DIRECTIONS (Hospitals, Dental Offices, Nursing Homes and Other Health Care Institutions):** For disinfecting floors, walls, countertops, bathing areas, lavatories, tables, chairs, garbage pails and other hard, non-porous surfaces.

HOSPITAL DISINFECTANT DIRECTIONS: Add 3.5 ounces of this product to 4.5 gallons of water to disinfect hard, non-porous surfaces. Apply use solution to hard, inanimate, non-porous surfaces thoroughly wetting surfaces with a cloth, mop, sponge or sprayer. For sprayer applications, use a coarse spray device. Spray 6-8 inches from surface. Rub with brush, sponge or cloth. Do not breathe spray. Treated surfaces must remain wet for 10 minutes. Rinse or allow to air dry. Prepare a fresh solution at least daily or when use solution becomes diluted or soiled. Note: With spray applications cover or remove all food products. For heavily soiled areas, a preliminary cleaning is required.

SEE REFERENCE SHEET FOR ADDITIONAL DIRECTIONS AND PRODUCT INFORMATION



For Medical Emergency ONLY call:
24 Hour Emergency Response Number
1-866-923-4913.

5773117 1Y 12/081



USC Chemical Corporation, 316 Hart St., Watertown WI 53094

NET CONTENTS: 3.1 L (3100 mL) 3.28 qt.

MIXMATE SANITATION SYSTEM SHURGUARD ULTIMATE

Reference Sheet

EPA Reg. No. 10324-81-7546

EPA Est. No. 7546-WI-1

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See container label for first aid statements

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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. **PHYSICAL OR CHEMICAL HAZARDS:** Do not use or store near heat or open flame. Do not mix with oxidizers, anionic soaps and detergents.

DIRECTIONS FOR USE

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

PREPARATION OF DISINFECTION/FUNGICIDAL/VIRUCIDAL* USE SOLUTION: Before using this product, food products and packaging materials must be removed from the room or carefully protected. Add 3.5 ounces of this product per 4.5 gallons of water (450 ppm active quat) (or equivalent use dilution) to disinfect hard, non-porous surfaces. For heavily soiled areas, a preliminary cleaning is required. Apply this product to hard, inanimate, non-porous surfaces with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surfaces must be sprayed until thoroughly wetted. For sprayer applications, use a coarse pump or trigger sprayer. Spray 6-8 inches from surface. Rub with brush, sponge or cloth. Do not breathe spray. Treated surfaces must remain wet for 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty. **Note:** With spray applications cover or remove all food products.

DISINFECTION IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions): At 3.5 ounces of this product per 4.5 gallons of water (450 ppm active quat) and with a 10-minute contact time, this product is bactericidal according to the AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum 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 Newport*, *Salmonella enterica serovar typhimurium*, *Salmonella enterica serovar infantis*, *Salmonella typhi*, *Shigella sonnei*, Community Acquired Methicillin Resistant *Staphylococcus aureus* (CA MRSA), *Staphylococcus aureus* Methicillin Resistant, *Staphylococcus aureus*, *Streptococcus equi*

VIRUCIDAL* PERFORMANCE: At 3.5 ounces per 4.5 gallons (450 ppm quat active) use level, this product was evaluated in the presence of 5% blood serum with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous environmental surfaces: Avian Influenza A H5N1 virus, Avian influenza/Turkey/Wisconsin virus, Hepatitis B Virus, Hepatitis C Virus, Herpes Simplex Type 1 virus, Herpes Simplex Type 2 virus, Human Coronavirus, Influenza A2/Hong Kong virus, Influenza A/J305 virus, Vaccinia virus

At 3.5 ounces per 4.5 gallons (450 ppm quat active) use level, this product was evaluated in the presence of 5% blood serum with a 2-minute contact time and found to be effective against the following viruses on hard, non-porous environmental surfaces: HIV-1

***FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A VIRUS:** For use in hospitals, hotels, motels and schools, the directions for use for hospital disinfection must be followed using a rate of 3.5 oz. per 4.5 gallons of water.

This product is not for use on Medical device surfaces.

INSTITUTIONAL DISINFECTANT DIRECTIONS (Hospitals, Dental Offices, Nursing Homes and Other Health Care Institutions): For disinfecting floors, walls, countertops, bathing areas, lavatories, tables, chairs, garbage pails and other hard, non-porous surfaces.

HOSPITAL DISINFECTANT DIRECTIONS: Add 3.5 ounces of this product to 4.5 gallons of water to disinfect hard, non-porous surfaces. Apply use solution to hard, inanimate, non-porous surfaces thoroughly wetting surfaces with a cloth, mop, sponge or sprayer. For sprayer applications, use a coarse spray device. Spray 6-8 inches from surface. Rub with brush, sponge or cloth. Do not breathe spray. Treated surfaces must remain wet for 10 minutes. Rinse or allow to air dry. Prepare a fresh solution at least daily or when use solution becomes diluted or soiled. **Note:** With spray applications cover or remove all food products. For heavily soiled areas, a preliminary cleaning is required.

At 3.5 ounces per 4.5 gallons of water (450 ppm active quat) in the presence of 5% organic load this product was proven to be effective against Duck - Hepatitis B Virus (HBV) and Bovine Viral Diarrhea Virus BVDV surrogate for human Hepatitis C virus with a contact time of 10 minutes.

***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 inanimate surfaces/objects with 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 surfaces and objects before application of the disinfectant. **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, leave surfaces wet for two minutes with a 3.5-ounce per 4.5 gallons of water use solution. This contact time will not control other common types of viruses and bacteria. For HBV and HCV, leave surfaces wet for 10 minutes with 3.5 ounces per 4.5 gallons in the presence of 5% organic load.

FOR PUBLIC EATING PLACES, DAIRY PROCESSING AND FOOD PROCESSING EQUIPMENT AND UTENSILS: Prior to application, remove gross food particles and soil by pre-flush, or pre-scrape, and when necessary, pre-soak. Then thoroughly wash or flush objects with a compatible detergent followed by a potable water rinse before applications of sanitizing solutions. Apply a solution of 1 to 2.67 ounces of this product in 4 gallons of water or equivalent use dilution (150-400 ppm active) to pre-cleaned, hard surfaces thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion. For spray applications, use a coarse pump or trigger sprayer. Spray 6 to 8 inches from surface. Rub with brush, sponge, or cloth. Do not breathe spray. With spray applications cover or remove all food products. Surfaces must remain wet for at least 1 minute followed by adequate draining and air drying. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty. For mechanical application use solution must not be reused for sanitizing applications. **NO POTABLE WATER RINSE IS ALLOWED AFTER APPLICATION OF THE SANITIZING SOLUTION.**

At 0.25 ounces per gallon (150 ppm active quat) this product is effective with a 1-minute contact time as a food-contact surface sanitizer in water up to 500-ppm hardness against *Escherichia coli* and *Staphylococcus aureus*.

At 0.34 ounce per gallon of water (200 ppm active quat) this product eliminates 99.999% of the following bacteria in 60 seconds in 500 ppm hard water according to the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test: *Aeromonas hydrophila*, *Campylobacter jejuni*, *Clostridium perfringens-vegetative*, *Escherichia coli*, *Escherichia coli* O157:H7, *Escherichia coli* O111:H8, *Enterococcus faecalis* Vancomycin resistant, *Enterobacter sakazakii*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Salmonella enterica*, *Salmonella enteritidis*, *Salmonella typhi*, *Shigella dysenteriae*, *Shigella sonnei*, *Staphylococcus aureus*, *Staphylococcus aureus* Methicillin Resistant, *Streptococcus pyogenes*, *Yersinia enterocolitica*

WISCONSIN STATE DIVISION OF HEALTH DIRECTIONS FOR EATING ESTABLISHMENTS- Not for use in California: 1. Scrape and pre-wash utensils and glasses whenever possible. 2. Wash with a good detergent or compatible cleaner. 3. Rinse with potable water. 4. Sanitize in a solution of 1 to 1.36 ounces per 4 gallons of this product (150-200 ppm active quaternary). Immerse all utensils for at least one minute or for contact time specified by governing sanitary code. 5. Place sanitized utensils on a rack or drain board to air-dry. 6. Fresh sanitizing solution must be prepared at least daily or more often when visibly soiled or diluted. **NOTE:** A clean potable water rinse following sanitization is not permitted under Section HFS 196.13 of the Wisconsin Administrative Code.

GENERAL DEODORIZATION: To deodorize, add 2 ounces of this product to 4.5 gallons of water (or equivalent use dilution) (260 ppm active quat) Treated surfaces must remain wet for 10 minutes. Excess liquid must be wiped up or allowed to air dry.

MOLD AND MILDEW CONTROL: At 3.5 ounces per 4.5 gallons this product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard non-porous surfaces. Allow solution to dry on surface and repeat treatment every seven days or when new growth appears. Treated surfaces must remain wet for 10 minutes.

LAUNDRY SANITIZER: For sanitizing step, fill washer to low water level with minimum temperature water of 95°F. Using an appropriate dispenser, inject product into the sanitizing rinse step at the rate of 1.33oz/gal water to yield 780 ppm active quat, 16 ounces per 100 lbs. of dry laundry. Treat the laundry for a minimum of 5 minutes at a minimum temperature of 95°F. Other laundry additives, such as fabric softeners, laundry soaps, starch and sizing must be used per manufacturer's instructions in subsequent rinse cycles after the sanitizing rinse cycle. When added at the rate of 1.33 oz/gal water to yield 780ppm active quat, 16 ounces per 100 lbs. of dry laundry, this formulation provides sanitization against *Staphylococcus aureus*, *Klebsiella pneumoniae*, *Pseudomonas aeruginosa*, and Methicillin-resistant *Staphylococcus aureus* (MRSA) and is effective against HIV. This product is effective in rinse water up to 200ppm hard water.

KILLS HIV-1 ON LAUNDRY IN COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL APPLICATIONS. This product provides Virucidal activity against HIV-1 on fabrics when presoaked with a 10-minute contact time followed by normal washing in detergent and rinsing at a rate of 16 ounces per 100 lbs. of dry laundry in water hardness of 400 ppm.