



This product is designed for use in hospitals, nursing homes, hotels, food service establishments, restaurants and bars where disinfection, sanitization and deodorization is of prime importance. When used as directed, this product is formulated to disinfect hard, non-porous, inanimate environmental surfaces: floors, walls, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, cabinets, tables and chairs.

**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 use-solution with mop, cloth, sponge, low pressure coarse sprayer 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. For low pressure coarse sprayer and hand pump trigger sprayer applications, spray 6-8 inches from the surface; rub with brush, sponge or cloth. Do not breathe spray. **NOTE:** For spray applications, cover or remove all food products. **GENERAL DISINFECTION** - Add 3 ounces of this product per 5 gallons of water for disinfection against Staphylococcus aureus, Salmonella enterica, Listeria monocytogenes, and Yersinia enterocolitica. **HOSPITAL DISINFECTION** - Add 3.5 ounces of this product per 5 gallons of water for disinfection against Pseudomonas aeruginosa and Vancomycin intermediate resistant Staphylococcus aureus (VISA), as well as the organisms listed under the GENERAL DISINFECTION section. **\*VIRUCIDAL ACTIVITY** - This product, when used on environmental, inanimate, hard non-porous surfaces at 3.5 ounces per 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), Adenovirus Type 5 (causative agent of upper respiratory infections), Vaccinia Virus (representative of the pox virus group), HIV-1 (Human Immunodeficiency Virus Type 1), Laryngotracheitis Virus, Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Human Coronavirus (ATCC VR-740, Strain 229E) and SARS associated Coronavirus. This product has demonstrated effectiveness against Influenza A viruses and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.

**KILLS HIV-1, HBV and HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (hospitals, nursing homes) or other settings in which there is an expected likelihood of soiling of inanimate 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 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**  
**PERSONAL PROTECTION:** When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, and eye coverings. **CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product. **CONTACT TIME:** Allow surface to remain wet for 10 minutes. **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids must be autoclaved and disposed of according to local regulations for infectious waste disposal. **To disinfect food service establishment or restaurant food contact surfaces:** countertops, outside of appliances, tables, add 3 ounces of this product per 5 gallons of water (or equivalent dilution). For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge or hand pump trigger 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. Do not use on utensils, dishes, glasses or cookware. **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, or hand pump trigger 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. **GENERAL DEODORIZATION:** To deodorize, add 3 ounces of this product to 5 gallons of water (or equivalent use dilution). Let air dry.

**FOOD CONTACT SURFACE SANITIZATION DIRECTIONS**

**SANITIZATION:** Recommended for use in restaurants and bars. When used as directed this product is an effective sanitizer at an active quaternary concentration of 200-400 ppm when diluted in water up to 650 ppm hardness (CaCO3) in public eating establishments against Escherichia coli (ATCC 11229), Escherichia coli O157:H7 (ATCC 43895), Staphylococcus aureus (ATCC 6538), Yersinia enterocolitica (ATCC 23715), Listeria monocytogenes (ATCC 35152), Salmonella typhi (ATCC 6539), Shigella sonnei (ATCC 11060), Vibrio cholera (ATCC 14035), Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 33592), Vancomycin resistant Enterococcus faecalis (VRE) (ATCC 51299), Campylobacter jejuni (ATCC 29428).

**MIXMATE**<sup>TM</sup>  
 SANITATION SYSTEM  
**SHURGUARD PLUS**  
 DISINFECTANT, SANITIZER, DEODORIZER,  
 \*VIRUCIDE, MILDEWSTAT (on hard non-porous,  
 inanimate surfaces)

EPA Reg. No. 1839-86-7546 EPA Est. No. 7546-WI-1

**ACTIVE INGREDIENTS:**

Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides.....	5.0%
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides.....	5.0%
<b>INERT INGREDIENTS</b> .....	90.0%
<b>TOTAL</b> .....	100.0%

**KEEP OUT OF REACH OF CHILDREN  
 DANGER**

**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 a 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 person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the 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 by 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 side panel for additional precautionary statements.

**NET CONTENTS: 1 gal. (3.79 L)**

This product is an effective sanitizer against Klebsiella pneumoniae (ATCC 4352) at a 200 ppm active quaternary concentration when diluted in water up to 500 ppm hardness (CaCO3). At an active quaternary concentration of 300 ppm, it is an effective sanitizer against Klebsiella pneumoniae (ATCC 4352) when diluted in water up to 650 ppm hardness (CaCO3). 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. Prepare a fresh solution daily of more frequently as soil is apparent. **Sanitization of public eating establishment surfaces is regulated under 40CFR180.940.**  
**To sanitize pre-cleaned and potable water-rinsed, non-porous public eating establishment food contact surfaces:** prepare a 200-400 ppm active quaternary solution by adding 1-2 ounces of this product to 4 gallons of water, 2.5-5 ounces to 10 gallons of water, or 5-10 ounces to 20 gallons of water (or equivalent dilution). **To sanitize pre-cleaned mobile items in public eating establishments** (drinking glasses, dishes, eating utensils) immerse in a 200-400 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. Do not rinse. **To sanitize pre-cleaned public eating establishment surfaces** (counters, tables, finished wood or plastic cutting boards), apply a 200-400 ppm active quaternary solution with a cloth, sponge, low pressure coarse sprayer or hand pump trigger sprayer making sure that the surface remains completely wet for at least 60 seconds and let air dry. Do not rinse.

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**DIRECTIONS FOR EATING ESTABLISHMENTS**

1. Scrape and pre-wash utensils and glasses whenever possible.
  2. Wash with a good detergent or compatible cleaner.
  3. Rinse with clean water.
  4. Sanitize in a solution of 1 ounce to 4 gallons of water (200 ppm active quaternary). Immerse all utensils for at least two minutes 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 should be prepared at least daily or 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.

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

**DANGER. KEEP OUT OF REACH OF CHILDREN. CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

**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. Store in a tightly closed container in an area inaccessible to children. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill. **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. **SPILL OR LEAK PROCEDURES:** Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained, the material then moved into containers and disposed of by approved methods for hazardous wastes.

**Sold By**  
 Chemical Corporation  
**316 Hart Street**  
**Watertown, WI 53094**

**For Medical Emergency ONLY call: 24 Hour Emergency  
 Response Number 1-866-923-4913**  
**For Product Information, Contact Your Local Distributor.**



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