DISINFECTANT

BETCO®

# AF79 CONCENTRATE

***Acid-Free Cleaner • Disinfectant • Fungicidal • Virucidal****

With Organic Soil Tolerance for Hospitals, Institutional, Commercial and Industrial Use

Active Ingredients:
Octyl decyl dimethyl ammonium chloride ..... 1.140%
Dioctyl dimethyl ammonium chloride..... 0.456%
Didecyl dimethyl ammonium chloride..... 0.684%
Alkyl ($C_{14}$ 50%, $C_{12}$ 40%, $C_{16}$ 10% )
dimethyl benzyl ammonium chloride ..... 1.520%
Other Ingredients: ..... 96.200%
Total:..... 100.000%

**NET CONTENTS: 1 U.S. GALLON (3.78 L)**

KEEP OUT OF REACH OF CHILDREN
**DANGER**
See side panel for
Precautionary Statements and First Aid

**EPA EST. NO. 4170-OH-1**
**EPA REG. NO. 6836-73-4170**

**33104-00**

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**For Hospitals, Medical and Dental Offices, Nursing Homes and other Medical Facilities:** According to the AOAC Use Dilution Test, **this product** is an effective hospital disinfectant in the presence of 5% organic serum against the following gram negative and gram positive organisms: Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enterica, Enterococcus faecalis - Vancomycin resistant (VRE), Escherichia coli (E. coli), Klebsiella pneumoniae, Shigella dysenteriae, Staphylococcus aureus Methicillin-Resistant (MRSA), Streptococcus faecalis. **For Schools, Public Rest Rooms, Athletic Facilities, Motels and Other Non-Medical Institutional and Industrial Uses:** According to the AOAC Use Dilution Test, **this product** is an effective broad spectrum general disinfectant in the presence of 5% organic serum against the following organisms: Staphylococcus aureus, Salmonella enterica, Escherichia coli (E. coli), Klebsiella pneumoniae, Salmonella schottmuelleri, Shigella dysenteriae, Serratia marcescens, Streptococcus faecalis. **For *Virucidal Effectiveness: This product** is an effective virucide in the presence of 5% serum against the following organisms: *Influenza A/Brazil,*Herpes Simplex Type 1 and 2,*HIV-1 (AIDS virus),*Vaccinia.
Use **this product** on washable hard, nonporous surfaces of: Bathroom fixtures, Bathtubs, Cabinets, Chairs, Counters, Doorknobs and handles, Floors, Showers, Shower stalls, Sinks (bathroom), Toilets, Tiles glazed, Urinals, Walls, Windows, Mirrors, Other hard nonporous surfaces made of: Fiberglass, Formica®, Glazed ceramic, Glazed enameled surfaces, Glazed porcelain, Metal, Sealed stone, Stainless steel, Glass.
Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
**Preparation of Use-Solution:**

| | |
|---|---|
| Disinfection – Medical (1:64) | 2 oz. per gallon of water |
| Disinfection – Non Medical (1:128) | 1 oz. per gallon of water |
| Virucide (1:128) | 1 oz. per gallon of water |

**DISINFECTION/VIRUCIDAL*/FUNGICIDAL/MOLD AND MILDEW CONTROL DIRECTIONS:** Apply use-solution to hard, nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion. Treated surfaces must remain wet for 10 minutes. Wipe dry with a cloth, sponge or mop or allow to air dry. For heavily soiled areas, a preliminary cleaning is recommended. Prepare fresh solution daily or more often if the solution becomes visibly dirty or diluted. Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes as a disinfectant. For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from the surface, rub with a brush, sponge or cloth. Do not breathe spray. **For fungicidal activity:** At 1 oz. per gallon of water, **this product** is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. **For mold and mildew control:** At 1 oz. per gallon of water, 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 to dry on surface. Repeat every seven days or more often if new growth appears. This product is not for use on medical device surfaces.
**GLASS CLEANING/DEODORIZING DIRECTIONS:** Add 1/2 - 2 oz. of this product per gallon of water to clean and deodorize windows, mirrors and glass surfaces. Use a coarse spray device. Spray 6 - 8 inches from surface. Rub with a sponge or cloth. Do not breathe spray. **NON-ACID TOILET BOWL AND URINAL DISINFECTANT/CLEANER DIRECTIONS:** If surfaces are visibly dirty, preclean first. **From Concentrate:** Add 1 – 2 oz. to the bowl water and mix. Thoroughly brush or swab over exposed surfaces including under the rim with a cloth, mop or sponge. Allow to stand for 10 minutes and flush. **From Use Solution:** Empty toilet bowl or urinal and apply a 1 – 2 oz. per gallon use-solution to exposed surfaces and under the rim with a cloth, mop, sponge or sprayer. Brush or swab thoroughly, allow to stand for 10 minutes and flush.
***KILLS HIV ON PRE-CLEANED 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 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).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. PERSONAL PROTECTION:** Clean up should always be done wearing protective gloves, gowns, masks and eye protection. **CLEANING PROCEDURE:** Blood and other body fluids containing HIV-1 must be thoroughly cleaned from surfaces and objects before application of **this product. CONTACT TIME:** Leave surface wet for 10 minutes. **DISPOSAL OF INFECTIOUS MATERIAL:** Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

## PRECAUTIONARY STATEMENTS
## HAZARDS TO HUMANS AND DOMESTIC ANIMALS
## DANGER

Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective (rubber or chemical resistant) gloves. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.
**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.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
**Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.
**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:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

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