

QUAT 44-HBV

KEEP OUT OF THE REACH OF CHILDREN
DANGER • PELIGRO

For Commercial, Industrial and Institutional Use Only
See Slide Panels For Additional Precautionary Statements

Disinfectant • Cleaner • Deodorizer
Mildewstat • Fungicide • Virucide*
EPA Reg. No. 3838-36 • EPA Est. No. 3838-WI-1

ACTIVE INGREDIENTS

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)
dimethyl benzyl ammonium chlorides.....2.25%
n-Alkyl (68% C12, 32% C14)
dimethyl ethylbenzyl ammonium chlorides.....2.25%
INERT INGREDIENTS.....95.50%
TOTAL.....100.00%

 **ESSENTIAL
INDUSTRIES**



2318DN

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 to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

This product is a phosphate-free formulation designed to provide effective cleaning, deodorizing and disinfection for hospitals, nursing homes, schools, institutional kitchens, athletic facilities and locker rooms and other areas where housekeeping is of prime importance in controlling the hazard of cross-contamination on treated surfaces.

This product is recommended for use as a disinfectant on hard, non-porous surfaces: countertops, washable walls, telephones, drinking fountains, shower stalls, shower doors, toilets, toilet bowl surfaces, urinals and restroom fixtures. A potable water rinse is required after application on food contact surfaces. When used as directed, this product will deodorize surfaces in restroom and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

Disinfection Directions: Apply use solution to hard, inanimate, non-porous surfaces thoroughly wetting surfaces as recommended and required with a cloth, mop, sponge or sprayer. For heavily soiled areas, a preliminary cleaning is required. For sprayer applications use a coarse spray device. Spray 6-8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray mist. Add 2 ounces of this product to one gallon of water (703 ppm active quat). At this use level, 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:

Campylobacter jejuni	Salmonella choleraesuis
Corynebacterium ammoniagenes	Salmonella schottmuelleri
Enterobacter aerogenes	Salmonella typhi
Enterococcus faecalis	Shigella dysenteriae
Escherichia coli	Staphylococcus aureus
Klebsiella pneumoniae	Staphylococcus aureus (Methicillin-resistant)
Listeria monocytogenes	Streptococcus salivarius
Pseudomonas aeruginosa	

Mold and Mildew Control: At 2 ounces per gallon, (or equivalent use dilution) (703 ppm active quat) this product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat treatment every seven days or when new growth appears.

Fungicidal Activity: At 2 ounces per gallon use level, (or equivalent use dilution) (703 ppm active quat) this product is effective against Trichophyton mentagrophytes (Athlete's Foot fungus) on inanimate surfaces in the presence of 5% blood serum.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. 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, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

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: Remove 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: Probably mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

Store in original container in areas inaccessible to small children. Do not store on side. Avoid creasing or impacting of sidewalls. Do not reuse empty container. Discard in trash (or recycle).

Essential Industries, Inc.

P.O. Box 12 • Merton, Wisconsin 53056-0012 USA • (262) 538-1122 • www.essind.com

Virucidal Performance: At 2 ounces per gallon use level (703 ppm active quat), this product was evaluated in the presence of 5% blood serum and found to be effective against the following viruses on hard, non-porous environmental surfaces.

Avian influenza/Turkey/Wisconsin	Infectious Bovine Rhinotracheitis Virus (IBR)
Canine Distemper	Influenza A2/Japan
Equine Arteritis Virus	Newcastle Disease Virus
Hepatitis B Virus (HBV)	Porcine Respiratory & Reproductive Virus (PRRSV)
Herpes Simplex Type 1	Porcine Rotavirus
HIV-1 (AIDS Virus)	Pseudorabies Virus
Infectious Avian Laryngotracheitis	Transmissible Gastroenteritis (TGE)
Infectious Bronchitis Virus	Vaccinia Virus

At 2 ounces per gallon (or equivalent use dilution) (703 ppm active quat) in the presence of 200 ppm hard water (CaCO₃) and 100% serum this product was proven to be effective against **Hepatitis B Virus** with a contact time of 10 minutes.

***KILLS HIV AND HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care setting 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).

"SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 AND HBV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS."

Personal Protection: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, or eye coverings.

Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

Contact Time: Leave surfaces wet for two minutes with 2 ounces per gallon (or equivalent use dilution) (703 ppm active quat) use solution. This contact time will not control other common types of viruses and bacteria.

Physical or Chemical Hazards: Do not mix with oxidizers, anionic soaps and detergents.

Net Contents: One Gallon (3.8 Liters)