

# VANQUISH HBV

## BROAD SPECTRUM DISINFECTANT

CLEANER n DISINFECTANT n DETERGENT n DEODORIZER n  
FUNGICIDE n VIRUCIDE\* n MILDEWSTAT

### ACTIVE INGREDIENTS

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>) dimethyl benzyl  
ammonium chlorides ..... 2.25%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl ethylbenzyl ammonium  
chlorides ..... 2.25%

INERT INGREDIENTS ..... 95.50%  
TOTAL ..... 100.00%

EPA Reg. No. 61178-1-  
EPA Est. No. 10088-WF1

PRECAUTIONARY STATEMENTS:HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### **DANGER: KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothes. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

#### STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eye contact, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink egg whites, gelatin solution or if these are not available drink large quantities of water. Call a physician.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Sold By:

Virucidal\* Activity: Adeno Type 2 ☒ Cytomegalo ☒ HBV (Hepatitis B Virus) ☒ Herpes Simplex type 1 ☒ Herpes Simplex type 2 ☒ HIV-1 (AIDS Virus) ☒ Influenza A2-Asian ☒ Influenza B (Allen strain) ☒ Influenza C (Taylor strain) ☒ Measles Virus ☒ Parainfluenza type 1 ☒ Polio Type 1 (Chat strain) ☒ Pseudorabies ☒ T1 bacteriophage ☒ T4 bacteriophage ☒ Vaccinia

Isolates From AIDS Patients: *Aspergillus niger* ☒ *Candida albicans* ☒ *Cryptococcus neoformans* ☒ *Pseudomonas aeruginosa* ☒ *Staphylococcus aureus* ☒ *Streptococcus pneumoniae*

Gram Positive Clinical Isolates: *Micrococcus luteus* ☒ *Staphylococcus aureus* ☒ *Staphylococcus aureus* (Toxic Shock) ☒ *Staphylococcus epidermidis* ☒ *Staphylococcus saprophyticus* ☒ *Streptococcus hemolyticus* ☒ *Streptococcus faecalis*

Gram Negative Clinical Isolates: *Acinetobacter calcoaceticus* var. *anitratus* ☒ *Acinetobacter calcoaceticus* var. *lwoffii* ☒ *Bordetella bronchiseptica* ☒ *Enterobacter agglomerans* ☒ *Enterobacter cloacae* ☒ *Enterobacter gergoviae* ☒ *Enterobacter liquefaciens* ☒ *Enterobacter faecalis* ☒ *Escherichia coli* (Urinary) ☒ *Escherichia coli* (Wound) ☒ *Flavobacterium meningosepticum* ☒ *Hafnia alvei* ☒ *Klebsiella oxytoca* ☒ *Klebsiella pneumoniae* ☒ *Morganella morganii* ☒ *Proteus mirabilis* ☒ *Proteus vulgaris* ☒ *Pseudomonas aeruginosa* ☒ *Pseudomonas cepacia* ☒ *Pseudomonas dimunita* ☒ *Pseudomonas fluorescens* ☒ *Pseudomonas paucimobilis* ☒ *Pseudomonas pseudomallei* ☒ *Pseudomonas putida* ☒ *Pseudomonas stutzeri* ☒ *Serratia marcescens*

Pathogenic Fungi: *Trichophyton mentagrophytes*

Other Organisms: *Brevibacterium ammoniagenes* ☒ *Enterobacter aerogenes* ☒ *Escherichia coli* ☒ *Pseudomonas aeruginosa* ☒ *Salmonella choleraesuis* ☒ *Salmonella schottmuelleri* ☒ *Shigella dysenteriae* ☒ *Streptococcus salivarius*

#### DIRECTIONS FOR USE:

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

**DISINFECTION:** To be used in hospitals in areas such as operating rooms, patient care rooms & facilities, recovery, anesthesia, ER, radiology, X-ray cat labs, newborn nurseries, orthopedics, respiratory therapy, surgi-centers, labs, blood collection rooms, central supply, housekeeping & janitorial rooms, nursing homes, doctors offices & labs, dentists offices & labs (dental operatories), schools, salons, health clubs, spas, sick rooms, rest rooms, shower rooms, veterinary clinics, and industries to disinfect inanimate hard, non-porous environmental surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones, chair arms and bed frames, cabinets, bathtubs, and urinals. Add two ounces VANQUISH HBV per gallon of water. Remove gross filth or heavy soil. Apply solution with a mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

**DILUTION:** Use at a dilution of 1:64 (2 ozs. per gallon of water or 16 mil per liter).

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. VANQUISH HBV is effective in hard water up to 400ppm hardness (calculated as CaCO<sub>3</sub>) and in the presence of organic soil (5% blood serum). To disinfect toilet bowls, flush toilet and add 2 ounces VANQUISH HBV directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

**VIRUCIDAL\*:** This product when used on inanimate, hard, non-porous, environmental surfaces at 2 ounces per gal. of water for a 10 minute contact time (5% organic soil) is effective against Influenza A2-Asian, HBV (Hepatitis B Virus), Herpes Simplex Type 1, Herpes Simplex Type 2, Pseudorabies virus, and Vaccinia virus in 10 minutes. Kills human immunodeficiency virus Type 1 [HIV-1 (AIDS virus)] after 30 second contact time, and Polio Type 1 (Chat strain) after 30 minute contact time (5% serum).

**KILLS HIV-1 AND HBV ON PRECLEANED ENVIRONMENTAL SURFACE/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 HIV-1 (AIDS virus) or HBV (Hepatitis B Virus).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 AND HBV OF 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, gown, 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 30 seconds and 10 minutes for HIV-1 and HBV, respectively. The 30 second contact time will not control other common types of viruses and bacteria.

**MILDEWSTAT:** To control mold and mildew on pre-cleaned, hard, non-porous surfaces (such as floors, walls, table tops) add 2 ounces VANQUISH HBV per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

**DEODORIZER:** VANQUISH HBV deodorizes garbage storage areas, empty garbage bins and cans, toilet bowls and any other odor causing areas. Use 2 oz. per gallon of water.

**FUNGICIDE:** At 2 oz. per gallon, VANQUISH HBV is effective against the pathogenic fungus. *Trichophyton mentagrophytes* in 5 % organic soil.

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 preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

**LAUNDRY ADDITIVE (RESIDUAL BACTERIOSTATIC AND RESIDUAL SELF SANITIZING ACTIVITY UNDER CONDITIONS OF HIGH RELATIVE HUMIDITY OR WET CONTAMINATION) AGAINST ODOR CAUSING BACTERIA FOR INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE.** This product sanitizes laundry such as bed spreads, sheets, pillow cases, diapers, towels, and other wet linens by controlling and/or reducing the growth of odor causing bacteria. It can be used in industrial and institutional areas such as motels, hotel chains, nursing homes and hospitals. This product is used as an addition to the final rinse cycle.

Add 8 fluid ounces of this product per 100 lbs of dry laundry to the final rinse cycle water (200 ppm).

If the product is to be diluted prior to adding in the final rinse cycle, use 1 ounce per gallon of water and then add to the washwheel in the final rinse cycle.

175.032797

## **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. Do not store on side. Avoid creasing or impacting of side walls. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray, or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed 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:** Triple rinse (or equivalent), then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or , if allowed by state and local authorities, by burning. If burned, remain clear of smoke.

### **IF CONTAINER IS 1 GALLON**

**STORAGE:** Store in securely closed original container. Avoid storage at temperature extremes or in sunlight. Avoid shipping or storing below freezing. If product freezes, thaw at room temperatures and shake gently to remix components. Store in an area that will prevent cross contamination of other pesticides, fertilizer, food and feed.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse container. Replace cap and discard container in trash.