

# NEUTRAL GERMICIDAL CLEANER

## KEEP OUT OF REACH OF CHILDREN DANGER

For Hospitals, Nursing Homes, Food Service,  
Commercial, Institutional, and Industrial Use

See Side Panel For Additional Precautionary Statements and First Aid

Disinfectant · Cleaner · Mildewstat · Fungicide  
Virucide\* · Deodorizer

EPA Reg. No. 10324-155-3838 · EPA Est. No. 3838-WI-1

**ACTIVE INGREDIENTS:**  
Didacyl Dimethyl Ammonium Chloride ..... 5.07%  
n-Alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%)  
dimethyl benzyl ammonium chloride ..... 3.38%  
**INERT INGREDIENTS:** ..... 91.55%  
**TOTAL:** ..... 100.00%

 **ESSENTIAL<sup>®</sup>**  
**INDUSTRIES**



702DN

Using approved AOAC test methods (under Good Laboratory Practices, [GLP's]), in the presence of 400 ppm hard water, 5% serum load and a 10 minute contact time, this product kills the following on hard, non-porous inanimate surfaces:

**Bacteria:** *Bordetella bronchiseptica* ATCC 10580, *Enterobacter aerogenes* ATCC 13048, *Enterococcus faecalis* ATCC 19433, *Enterobacter cloacae* ATCC 13047, *Escherichia coli* ATCC 11229, *Escherichia coli* Tetracycline Resistant ATCC 47041, *Fusobacterium necrophorum* ATCC 27852, *Klebsiella pneumoniae* ATCC 13883, *Listeria monocytogenes* ATCC 19117, *Pasturella multocida* ATCC 12947, *Proteus vulgaris* ATCC 13315, *Proteus vulgaris* ATCC 9920, *Pseudomonas aeruginosa* ATCC 15442, *Salmonella choleraesuis* ATCC 10708, *Salmonella choleraesuis* ATCC 23564, *Salmonella choleraesuis* ATCC 4931 (a.k.a. *Salmonella enteritidis*), *Salmonella choleraesuis* serotype pullorum ATCC 19945, *Salmonella typhi* ATCC 6539, *Serratia marcescens* ATCC 9103, *Shigella flexneri* ATCC 12022, *Shigella sonnei* ATCC 25931, *Staphylococcus aureus* ATCC 6538, *Staphylococcus aureus* ATCC 14154, *Staphylococcus aureus* ATCC 25923, *Methicillin Resistant Staphylococcus aureus* (MRSA) ATCC 33592, *Staphylococcus epidermidis* ATCC 14990, *Staphylococcus aureus* sub species *aureus* ATCC 33586, Antibiotic resistant *Staphylococcus epidermidis* ATCC 51625, *Streptococcus pneumoniae* Penicillin Resistant ATCC 51915, *Streptococcus pyogenes* ATCC 19615, *Vancomycin Resistant Enterococcus faecalis* (VRE) ATCC 51299, *Vancomycin Intermediate Resistant Staphylococcus aureus* (VISA) ATCC 5836, *Vibrio cholera* ATCC 11623.

**Viruses:** Avian Infectious Bronchitis virus Beaudette IB42, Human Coronavirus, Feline Picornavirus ATCC VR-649, Canine Parvovirus (CPV) (8 oz. per gallon), Canine Distemper virus ATCC VR-128, Hepatitis B Virus, Hepatitis C Virus, Herpes Simplex Virus Type 1 ATCC VR-773, Herpes Simplex Virus Type 2 ATCC VR-734, Human Immunodeficiency Virus type 1 (HIV 1), Infectious Bovine Rhinotracheitis virus ATCC VR-188, Influenza A virus ATCC VR-544, Pseudorabies virus ATCC VR-135, Transmissible Gastroenteritis virus, Vaccinia virus ATCC VR-119.

**Fungi:** When used as directed at a 1:128 dilution (1 ounce per gallon of water) (or equivalent use dilution), this product is highly effective against the following: *Aspergillus niger* ATCC 16404, *Candida albicans* ATCC 10231, *Trichophyton mentagrophytes* ATCC 9533.

At 1 ounce per gallon (or equivalent use dilution) (660 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.

### DIRECTIONS FOR USE

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

Not for use on medical devices or medical equipment surfaces.

### DISINFECTION

#### PREPARATION OF USE SOLUTION:

For water hardness up to 400 ppm add 1 ounce per gallon (8 milliliters per liter) of water (1:128) to disinfect hard, non-porous surfaces. 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.

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.

Prepare a fresh solution at least daily or when use solution becomes diluted or soiled.

Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use this product to clean or disinfect utensils, glassware or dishes.

**Mold and Mildew Control:** To control the growth of mold and mildew and their odors, use at a rate of 1:128 on hard, non-porous surfaces, apply use solution to thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears. Allow surface to remain wet for ten (10) minutes.

**To Kill Fungi:** Pre-clean heavily soiled areas. Apply at a rate of 1:128 to hard, non-porous environmental surfaces. Allow surface to remain wet for ten (10) minutes. Wipe surfaces (and let air dry).

**For Use as a (General) Cleaner and or Deodorizer:** Apply use solution to surfaces. Wipe surfaces (and let air dry). For heavy-duty use, add 4 ounces per gallon (32 milliliters per liter) of water (1:32) to clean hard, non-porous surfaces.

**\*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 on 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), (Duck) 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 should always be done wearing protective latex gloves, gowns, masks and eye protection.

**Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

**Contact Time:** Leave surface wet for 10 minutes with 1 ounce per gallon (8 milliliters per liter) use solution.

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

#### PUBLIC RESTROOMS:

This product is a one-step cleaner and deodorant designed for general cleaning, and disinfecting on hard, non-porous environmental surfaces.

#### NON-ACID BOWL (& BATHROOM) DISINFECTANT CLEANER:

**From Concentrate:** Add ¾ ounce to the toilet bowl (¾ gallon water) and mix. Brush thoroughly over exposed surfaces and under the rim. Allow to stand for 10 minutes and flush.

#### FOOD SERVICE:

**Directions for Food Processing Plants:** For use on non-food contact surfaces such as floors, walls, tables, garbage cans and disposal areas. Before using this product, food products and packaging materials must be removed from the room or carefully protected. Follow Disinfection directions.

**Directions for Food Storage Areas:** For use on non-food contact surfaces such as shelves, floors, walls and tables. Before using this product, food products and packaging materials must be removed from the room or carefully protected. Then follow Disinfection directions.

#### ANIMAL HOUSING FACILITIES:

This product cleans by removing dirt, grime, mold, mildew, blood, urine, fecal matter and other common soils found in animal housing facilities, livestock, swine or poultry facilities, grooming facilities, farms, kennels, pet stores, veterinary clinics, laboratories or other small animal facilities. It eliminates odors leaving surfaces smelling clean and fresh.

This product cleans, disinfects and deodorizes in one step. Its non-abrasive formula is designed for use on: plated or stainless steel, aluminum, chrome, glazed porcelain, glazed tile, laminated surfaces found in animal housing facilities.

#### For Use for Treatment of Animal Housing Facilities:

1. Remove all animals and feeds from areas being treated.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities occupied or transversed by animals.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap and detergent and rinse with water.
5. Apply fresh use solution to floors, walls, cages and other washable hard, non-porous environmental surfaces. For smaller surfaces, use a coarse

trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for ten (10) minutes. Ventilate buildings and other closed spaces.

6. Do not house animals or re-employ equipment until product has dried.

7. For disinfection of feed racks, troughs, automatic feeders, fountains and watering appliances scrub with use-solution, let stand ten (10) minutes. Then thoroughly scrub all treated surfaces with soap and detergent and rinse with potable water before reuse.

**Effectiveness against Canine Parvovirus (CPV):** At 4 oz per gallon of water or equivalent dilution this product was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against Canine Parvovirus (CPV) on hard, non-porous environmental surfaces.

**Net Contents: One Gallon (3.8 Liters)**

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. KEEP OUT OF REACH OF CHILDREN.** 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, 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.

##### PHYSICAL OR CHEMICAL HAZARDS

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

##### 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

Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap and discard in trash (or recycle).

Sold by: **Essential Industries, Inc.**

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