

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Do not reuse empty container. Keep from freezing.
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. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**PRECAUTIONARY STATEMENTS
HAZARD 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 chemical splash-proof goggles or face shield, rubber gloves and protective clothing. Harmful if inhaled, swallowed, or absorbed through skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD **2011-2013** LIC. NO.

EPA Reg. No. 7546-27-69920
EPA Est. No. 4822-WI-1 (WD); 0312-WI-3 (NW)
Lot code letters indicate establishment number.
MSDS Ref. No. F-00147002

**9085.11
Disc.**



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD **2014-2016** LIC. NO.

ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride.....8.704%
n-Alkyl (50% C14, 40% C12, 10% C16)
dimethyl benzyl ammonium chloride8.190%

OTHER INGREDIENTS:83.106%
TOTAL:..... 100.000%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See additional Precautionary Statements on side panel.

4207674

5496720 (10/271)

**FreQuency 256®
Disinfectant Cleaner**

**Bactericidal • *Virucidal • Fungicidal •
Mildewcidal • Deodorizer • Mildewstatic**
Meets OSHA Bloodborne Pathogen Standard for HBV & HIV

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 the 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.
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.

**IN CASE OF EMERGENCY, CALL A POISON CONTROL CENTER
OR DOCTOR FOR TREATMENT ADVICE.
1-800-228-5635**
Have the product container or label with you when calling a
Poison Control Center or doctor or going in for treatment.

Note to Physician: Probable mucosal damage may contraindicate gastric lavage.

Net Contents: 3.78 L / 1 U.S. Gal.

FreQuency 256® Disinfectant Cleaner

This product is a one-step germicidal disinfectant cleaner and deodorant designed for general cleaning, disinfecting, deodorizing and controlling mold and mildew on hard, non-porous environmental surfaces. It cleans quickly by removing dirt, grime, mold, mildew, body oils and other common soils found in hospitals, nursing homes, medical offices, hotels and motels. It is designed for use on hard, non-porous environmental surfaces: vinyl, painted surfaces, plastic, glazed ceramic, glazed porcelain, chrome and stainless steel. The product's non-dulling formula eliminates the time and labor normally required for rinsing. A potable water rinse is required for food contact surfaces. Do not use on glasses, dishes and utensils.

When used as directed at a 1:256 dilution (1/2 oz. per gallon of water), this product contains 660 ppm of active quaternary germicide making it highly effective against a wide variety of pathogenic microorganisms.

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 400 ppm hard water, 10% serum and 10 minute contact time, unless otherwise noted, this product kills the following on hard non-porous inanimate surfaces:

Bacteria: *Pseudomonas aeruginosa* (ATCC 15442), *Staphylococcus aureus* (ATCC 6538), *Salmonella choleraesuis* (ATCC 10708), *Acinetobacter calcoaceticus* (ATCC 9957), *Bordetella bronchiseptica* (ATCC 10580), *Enterobacter cloacae* (ATCC 23355), *Enterococcus faecalis* (ATCC 19433) formerly known as *Streptococcus faecalis*, *Escherichia coli* (ATCC 11229), *Escherichia coli* 0157:H7 (ATCC 43890), *Klebsiella pneumoniae* (ATCC 13883), *Legionella pneumophila* (ATCC 33153), *Listeria monocytogenes* (ATCC 15313), *Neisseria gonorrhoeae* (ATCC 43069), *Proteus mirabilis* (ATCC 9240), *Proteus vulgaris* (ATCC 13315), *Pseudomonas diminuta* (ATCC 11568), *Pseudomonas putida* (ATCC 12633), *Pseudomonas stutzeri* (ATCC 17588), *Salmonella schottmulleri* (ATCC 10719), *Salmonella typhi* (ATCC 6539), *Serratia marcescens* (ATCC 9103), *Shigella dysenteriae* (ATCC 29026), *Shigella flexneri* (ATCC 25875), *Shigella sonnei* (ATCC 25931), *Staphylococcus aureus* (Toxic Shock) (ATCC 33586), *Streptococcus mutans* (ATCC 25175), *Streptococcus pyogenes* (ATCC 19615), *Streptococcus pyogenes* ("Strep A" - Flesh Eating Strain) (clinical isolate), *Vibrio cholera* (ATCC 11623), *Yersinia enterocolitica* (ATCC 9610)

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Sturtevant, WI 53177-1964
1-800-421-2768



Antibiotic-Resistant Strains of Bacteria: *Enterococcus faecalis* (ATCC 51299) (Resistant to Vancomycin [VRE]); *Staphylococcus aureus* (CDC HIP-5836) (Intermediate Vancomycin Resistance [VISA]); *Staphylococcus aureus* (ATCC 33592) (Resistant to Methicillin [MRSA])

Viruses: Herpes simplex Type 1 (VR-733), Herpes simplex Type 2 (VR-734), Influenza Type A₂ (Hong Kong) (VR-544), Vaccinia virus (smallpox vaccine virus) (VR-119)

Kills HIV-1 (AIDS virus) (HTLV-III_a) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

Kills HBV & HCV when used as directed on hard, non-porous inanimate surfaces with a 10 minute contact time.

Kills Pandemic 2009 H1N1 Influenza A Virus.

Fungi/Yeast: *Geotrichum candidum* (ATCC 18301), *Saccharomyces cerevisiae* (ATCC 2601)

Mildewstatic Activity - controls and prevents the growth of mold and mildew: *Aspergillus niger* (ATCC 6275) and the odors caused by them when applied to hard, non-porous environmental surfaces.

Bactericidal Stability of Use-Dilution - Tests show this product, when diluted in 400 ppm hard water and in the presence of 5% serum load, remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesuis* for up to 30 days in storage as long as it remains sealed. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, dry containers when diluting this product.

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 400 ppm hard water, 5% serum load and 10 minutes contact time, unless otherwise noted, this product kills the following on hard non-porous inanimate surfaces:

Viruses: Adenovirus Type 2 (VR-2)

Fungi: *Aspergillus niger* (ATCC 6275), *Trichophyton mentagrophytes* (athlete's foot fungus) (ATCC 9533)

Yeast: *Candida albicans* (ATCC 10231)

Mold/Mildew - kills the growth of mold and mildew: *Aspergillus niger* (ATCC 6275) and the odors caused by them when applied to hard, non-porous environmental surfaces.

This product can be applied by mop, sponge, cloth, paper towel or coarse trigger sprayer. Change cloth, sponges or towels frequently to avoid redeposition of soil. For disinfection, all surfaces must remain wet for 10 minutes.

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 blood stream 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.

To Prepare Use Solution: Add the product at 1/2 oz. per gallon of water (1:256).

For Use as a One-Step Cleaner/Disinfectant: Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. To disinfect, all surfaces must remain wet for 10 minutes. Wipe surfaces and let air dry.

Note - Rinsing is not necessary unless floors are to be coated with finish or restorer. All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water. Do not use on glassware, utensils, or dishes.

For Use as a Cleaner and Deodorizer: Apply Use Solution to surfaces. Wipe surfaces and let air dry.

For Use as a Non-Acid Bowl Cleaner/Disinfectant in Toilet Bowls and Urinals from Use-Dilution: Pre-clean heavily soiled areas. Empty toilet bowls by forcing water through the trap. Apply Use Solution to exposed surfaces in toilet bowls and urinals. Swab entire surface area especially under rim. Allow entire surface to remain wet for 10 minutes. Flush toilet or urinal and rinse swab applicator thoroughly.

For Use To Clean and Disinfect Shower Rooms, Locker Rooms and Other Large, Open Areas with Floor Drains: Pre-clean heavily soiled areas. Apply Use Solution to floors, walls and ceilings making sure not to over spray. To disinfect, all surfaces must remain wet for 10 minutes. Scrub using a deck brush or other coarse material as necessary. Rinse surfaces thoroughly and let air dry.

To Kill Mold and Mildew (in 5% soil load): Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surfaces to remain wet for 10 minutes. Wipe surfaces and let air dry.

To Control Mold and Mildew: Apply Use Solution to pre-cleaned hard, non-porous environmental surfaces. Allow to air dry. Repeat application weekly or when growth reappears.

To Kill Fungi: Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surface to remain wet for 10 minutes. Wipe surfaces and let air dry.

***Kills HBV, HCV and HIV-1 on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids** in health care settings (Hospitals, Nursing Homes) and 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 Hepatitis B Virus (HBV), Hepatitis C Virus (HCV) and Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

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

Personal Protection: Disposable latex or vinyl gloves, gowns, face masks, and eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

Cleaning Procedures: Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of the product.

Contact Time: Allow surface to remain wet for 1 minute to kill HIV-1, and 10 minutes to kill all other organisms cited on the label.

Disposal of Infectious Material: Blood and other body fluids should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

FREQUENCY 256® Disinfectant Cleaner

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See container label for First Aid, Precautionary Statements and complete Directions for Use.

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