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. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. Offer container for recycling, if available.

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 clothing. Wear chemical splash-proof goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed or inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ACTIVE INGREDIENT:
- n-Alkyl (60% C12, 40% C10, 10% C14)
dimethyl benzyl ammonium chlorides........................................... 3.90%
OTHER INGREDIENTS: .............................................................. 96.10%
TOTAL: .................................................................................. 100.00%

KEEP OUT OF REACH OF CHILDREN
DANGER
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 eyes. 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.
1-800-963-4582
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 the use of gastric lavage. See additional precautionary statements on side panel.

Net Contents:
3.78 L / 1 U.S. Gal. 5519071

For Institutional Use
MSDS Ref. # MS600692
EMERGENCY PHONE: 800-983-4582

5519151 (11/054)
This product cleans quickly by removing dirt, grime, mold, mildew, and other common soils. This product is for use in hospitals, nursing homes, schools and colleges, offices, funeral homes, veterinary clinics, pet shops, animal life science laboratories, hotels, motels, restaurants, food service establishments.

Use daily on the following hard, non-porous environmental surfaces: vinyl, painted surfaces, plastic surfaces, glazed ceramic, glazed porcelain, chrome, stainless steel, aluminum, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, glazed tile, toilets, urinals, sinks, shower rooms and locker rooms areas -- any hard, nonporous surface where disinfection is required. A potable water rinse is required for food contact surfaces. Do not use on glasses, dishes and utensils.

When used as directed at a 1:64 dilution (2 oz. per gallon of water), this product contains 699 ppm of active quaternary germicide making it highly effective against a wide variety of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew.

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 500 ppm hard water, 10% serum load and 10 minute contact time this product kills the following on hard non-porous inanimate surfaces:

**Bacteria:** Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella choleraesuis, Escherichia coli, Escherichia coli O157:H7, Klebsiella pneumoniae, Listeria monocytogenes, Salmonella enteritidis, Salmonella typhi, Shigella dysenteriae, Streptococcus pyogenes

**Antibiotic-Resistant Strains of Bacteria:** Escherichia coli (Resistant to Kanamycin), Enterococcus faecium (Resistant to Vancomycin), Staphylococcus aureus (CDC HP 55360) (Resistant to intermediate Vancomycin strain (VISA)), Staphylococcus aureus (Resistant to Methicillin (MRSA), Gentamicin (GRSA)), Streptococcus pneumoniae (Resistant to Penicillin (PRSP))

**Viruses:** *Cytomegalovirus, *Herpes simplex Type 1, *Herpes simplex Type 2, *Parainfluenza Type 3, *Respiratory syncytial virus, *Papilloma virus

**Veterinary viruses:** *Avian Influenza, *Canine distemper

See reference sheet for a complete list of organisms.

**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 surfaces 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 2 oz. per gallon of water (1:64).

**For Use as a One-Step Cleaner/Disinfectant:** Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. All surfaces must remain wet for 10 minutes. Wipe surfaces and let air dry. NOTE: When cleaning floors position wet-floor signs around area to be cleaned. Floors will be slippery when wet or contaminated with foreign materials. Promptly clean up spills and foreign materials. 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/or Deodorizer:** Apply Use Solution to surfaces. Wipe surfaces and let air dry.

**To Control Mold and Mildew:** Pre-clean heavily soiled areas. Apply Use Solution to 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 surfaces found in bathrooms, shower stalls, locker rooms, or other clean, hard, non-porous surfaces commonly contacted by bare feet. Allow surface to remain wet for 10 minutes. 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 the 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. NOTE: When cleaning floors position wet-floor signs around area to be cleaned. Floors will be slippery when wet or contaminated with foreign materials. Promptly clean up spills and foreign materials.

**For Treatment of Animal Housing Facilities:** Remove all animals and feed from areas being treated. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities occupied or traversed by animals. Empty or cover all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap and rinse with water. Apply fresh use solution to floors, walls, cages and other washable hard, non-porous environmental surfaces. For smaller surfaces, use a trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for 10 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing litter and manure. Ventilate buildings, cars, boats and other closed spaces. Do not house animals or employ equipment until product has dried. For disinfection of feed racks, troughs, automatic feeders, fountains and watering appliances scrub with use solution, let stand 10 minutes. Then thoroughly scrub all treated surfaces with soap and detergent and rinse with potable water before reuse.

* Kills HBV 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, and Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HBV 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 product.

**Contact Time:** Allow surface to remain wet for 1 minute to kill HBV-1, 5 minutes to kill HBV, and for 10 minutes to kill all other organisms cited on the label.

**Disposal of Infectious Material:** Blood and other body fluids must be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.
Heavy Duty Non-Acid
Washroom Cleaner/Disinfectant

When used as directed at a 1:64 dilution (2 oz. per gallon of water), this product contains 609 ppm of active quaternary germicide making it highly effective against a wide variety of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew.

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 500 ppm hard water, 10% serum load and 10 minute contact time this product kills the following on hard non-porous inanimate surfaces:

Bacteria:
Pseudomonas aeruginosa, (ATCC 15442)  
Staphylococcus aureus, (ATCC 6538)  
Salmonella choleraesuis, (ATCC 10708)  
Bordetella bronchiseptica, (ATCC 10590)  
Burkholderia cepacia, (ATCC 25416) formerly known as Pseudomonas cepacia  
Campylobacter fetus, (ATCC 27374)  
Citrobacter freundii, (ATCC 8099)  
Enterobacter agglomerans, (ATCC 27155)  
Enterobacter cloacae, (ATCC 23355)  
Enterobacter liquefaciens, (ATCC 14460) formerly known as Serratia grimesii and Serratia liquefaciens  
Enterococcus faecalis, (ATCC 19433) formerly known as Streptococcus faecalis  
Enterococcus hirae, (ATCC 10541)  
Escherichia coli, (ATCC 11229)  
Escherichia coli O157:H7, (ATCC 43800)  
Flavobacterium meningosepticum, (ATCC 13253)

Haemophilus influenzae, (ATCC 10211)  
Hafnia alvei, (ATCC 13337)  
Klebsiella oxytoca, (ATCC 13182)  
Klebsiella pneumoniae, (ATCC 13833)  
Legionella pneumophila, (ATCC 33153)  
Listeria monocytogenes, (ATCC 15313)  
Micrococcus luteus, (ATCC 4698)  
Micrococcus luteus, (ATCC 14452)  
Micrococcus sedentarius, (ATCC 27573)  
Morganella morgani, (ATCC 25830)  
Neisseria gonorrhoeae, (ATCC 43069)  
Pasteurella multocida, (ATCC 43137)  
Proteus mirabilis, (ATCC 9240)  
Proteus vulgaris, (ATCC 13315)  
Pseudomonas diminuta, (ATCC 11568)  
Pseudomonas fluorescens, (ATCC 13525)  
Pseudomonas putida, (ATCC 15633)  
Pseudomonas stutzeri, (ATCC 17588)  
Salmonella enteritidis, (ATCC 13076)  
Salmonella gallinarum, (ATCC 9184)  
Salmonella schottmuelleri, (ATCC 10719)  
Salmonella typhi, (ATCC 6539)  
Salmonella typhimurium, (ATCC 13311)  
Shigella dysenteriae, (ATCC 29206)  
Shigella flexneri, (ATCC 25875)  
Shigella sonnei, (ATCC 25931)  
Staphylococcus aureus, (ATCC 25923)  
Staphylococcus aureus (Toxic Shock), (ATCC 33586)  
Staphylococcus epidermidis, (ATCC 14990)  
Staphylococcus haemolyticus, (ATCC 29970)  
Staphylococcus species, (ATCC 12715)  
Streptococcus agalactiae, (ATCC 13813)  
Streptococcus mutans, (ATCC 25175)  
Streptococcus pyogenes, (ATCC 19615)  
Streptococcus pyogenes ("Strep A" - Flea Eating Strain), (clinical isolate)  
Vibrio cholerae, (ATCC 11623)  
Yersinia enterocolitica, (ATCC 9610)

Antibiotic-Resistant Strains of Bacteria:
Escherichia coli, (ATCC 55244);  
(Resistant to Kanamycin)  
Escherichia coli, (ATCC 47041);  
(Resistant to Tetracycline)  
Enterococcus faecium, (ATCC 51559);  
(Resistant to Vancomycin (VRE))  
Klebsiella oxytoca, (ATCC 15764);  
(Resistant to Ampicillin, Dihydrostreptomycin)  
Micrococcus sedentarius, (ATCC 27573);  
(Resistant to Methicillin)  
Staphylococcus aureus, (CDC HP 5836);  
(Resistant to intermediate Vancomycin strain (VIS))

*Viruses:  
*CMV (538)  
*Herpes simplex Type 2, (VR-733)

*Respiratory syncytial virus, (VR-26)  
*Vaccinia virus (smallpox vaccine virus), (VR-119)

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

Kills Hepatitis B (HBV) virus when used as directed on hard, non-porous inanimate surfaces with a 5 minute contact time.

*Veterinary viruses:  
*Avian Infectious bronchitis (IBV), (VR-22)  
*Avian Influenza, (VR-2072)  
*Canine distemper, (VR-128)  
*Feline Rhinotracheitis, (VR-636)  
*Infectious bovine rhinotracheitis, (VR-188)  
*New Castle disease, (VR-108)  
*Pseudorabies, (VR-135)  
*Transmissible gastroenteritis virus (TGE), (J of Minn. Strain)

Fungi/Yeast:
Geotrichum candidum, (ATCC 18301)  
Trichophyton mentagrophytes (athlete's foot fungus), (ATCC 9533)

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

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

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Manufactured for  
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