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BACTERIAL STABILITY OF USE-DILUTION: Tests confirm that this product, when diluted in 400 ppm hard water and in the presence of 5% soil load, remains effective against Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enterica for up to 64 days when stored in a sealed container at room temperature. If the use-dilution product becomes visibly dirty or contaminated, the use-dilution must be discarded and a fresh product prepared. Always use clean, properly labeled dry containers when diluting the product. Bactericidal stability of the use-dilution does not apply to open containers such as buckets or pails. Use-dilution product in open containers must be prepared daily or more often if the solution becomes visibly dirty or diluted or contaminated.

Mold and Mildew Control Directions: Add 2 ounces per gallon (16 milliliters per liter) of water to control the growth of mold and mildew and their odors, on hard, non-porous surfaces. Thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears.

To control the growth of mold and mildew on large, inflatable, non-porous plastic and rubber structures (animals, promotional items, moonwalks, slides, obstacle course play and exercise equipment) (Not applicable in California): Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 2 ounces per gallon (or equivalent dilution) for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not use equipment until treatment has been absorbed, set or dried.

To control the growth of mold and mildew on non-porous athletic equipment (wrestling and gymnastic mats, athletic training tables, physical therapy tables, athletic helmets, wrestling/boxing headgear, athletic shoe soles) (Not applicable in California): Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 2 ounces per gallon (or equivalent dilution) for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not use equipment until treatment has been absorbed, set or dried.

DISINFECT TOILET BOWLS

NON-ACID TOILET BOWL (AND URINAL) DISINFECTION/CLEANER DIRECTIONS

Remove gross filth prior to disinfection.

From Concentrate: Add 2 ounces (16 milliliters per liter) to the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim with a cloth, mop or sponge. Repeat and allow to stand for 10 minutes and flush.

From Use Solution: Empty toilet bowl or urinal and apply 2 ounces per gallon (16 milliliters per liter) use solution to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer, brush or swab thoroughly and allow to stand for 10 minutes and flush.

For Heavy Duty Use: Empty toilet bowl or urinal and apply 8 ounces per gallon (64 milliliters per liter) use solution to exposed surfaces, including under the rim with a cloth, mop, sponge or sprayer, brush or swab thoroughly and allow to stand for 10 minutes and flush.

Cleaning/Deodorizing Directions: Add 1 to 4 ounces per gallon (8 to 32 milliliters per liter) of water to clean and deodorize windows, mirrors and non-food contact glass surfaces. When using a coarse spray device, spray 6-8 inches from surface. Rub with sponge or cloth. Do not breathe spray.

CARPET DEODORIZER AGAINST ODOR-CAUSING BACTERIA FOR INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE: This product cleans and deodorizes the carpet (by controlling/reducing the growth of odor-causing bacteria). It can be used in industrial, institutional and commercial areas such as motels, hotel chains, nursing homes and hospitals. Vacuum carpet thoroughly prior to application. Mix 1 ounce of product per gallon of water. Follow the injection and/or extraction procedures as specified for any conventional steam cleaning equipment you are using. For rotary floor machines, mix 2 ounces per gallon of water and spray on carpet at a rate of 300-500 sq. ft. per gallon. For use on washable synthetic fibers. Do not use on wool. Test color fastness of carpet before use. Apply diluted product to a small concealed spot, then rub with a clean white cloth. If color changes or transfers to cloth, a water base product should not be used. After using the product, set carpet pile in one direction with a stiff brush. Place aluminum foil under the legs of furniture while carpet is drying. Over-wetting can cause carpet to shrink. Manufacturer assumes no responsibility for over-wetting misuse. Note: This product should not be mixed with other cleaning products.

Cleansing of Body Surfaces and Body Orifices of Human Remains: To cleanse away skin secretions and accompanying malodor and to insure the removal of all soil and bloodstains, apply 2 ounces of this product to a gallon of water (708 ppm active) to the surfaces and body openings, natural or artificial. Bathe the entire body using sponge or washcloth. A soft brush may be employed on surfaces other than the face. Allow a 10 minute contact time for optimal results. Prepare a fresh solution for application of each remains.

DIRECTIONS FOR USE:

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

To be used in hospitals in the following areas as a disinfectant: operating rooms, patient care rooms and facilities, recovery, anesthesia, ER, radiology, X-ray cat labs, newborn nurseries, orthopedics, respiratory therapy, surgi-centers, labs, blood collection rooms, central supply, housekeeping and janitorial rooms, nursing homes, doctor's offices & labs, dentists office and labs (dental operatories).

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.

DISINFECTION:

PREPARATION OF USE SOLUTION:

For water hardness up to 300 ppm add 2 ounces per gallon (16 milliliters per liter) of water (1:64) to disinfect hard, non porous surfaces [Glass, metal, stainless steel, glazed porcelain, glazed ceramic, granite, marble, plastic (such as polystyrene or polypropylene), sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome and vinyl]. Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or other mechanical sprayer devices.

Treated surfaces must remain wet for 10 minutes. Let air dry. Prepare a fresh solution for each use. This product is effective in hard water up to 300 ppm hardness. Remove gross filth or heavy soil. For heavily soiled areas, a pre-cleaning step is required.

VIRUCIDAL*: When used on inanimate, hard, non-porous, environmental surfaces at 2 ounces per gallon of water for a 10 minute contact time (5% organic soil), except for Poliovirus Type I (Chat strain): which requires a 30 minute contact time (5% organic soil) and HIV-1 which requires only 30 second contact time.

DISINFECTION PERFORMANCE: At 2 ounces of this product to one gallon of water use level, this product is bactericidal and fungicidal on hard inanimate surfaces modified in the presence of 5% organic serum with a 10 minute contact time against:

ISOLATES FROM AIDS PATIENTS Aspergillus niger, Candida albicans, Cryptococcus neoformans, Pseudomonas aeruginosa, Staphylococcus aureus, Streptococcus pneumoniae

GRAM POSITIVE CLINICAL ISOLATES Enterococcus faecalis, Micrococcus luteus, Staphylococcus aureus, Staphylococcus aureus (Toxic shock), Staphylococcus epidermidis, Staphylococcus saprophyticus, Streptococcus haemolyticus. Streptococcus pyogenes

GRAM NEGATIVE CLINICAL ISOLATES Acinetobacter calcoaceticus var. anitratus, Acinetobacter calcoaceticus var. lwoffii, Bordetella bronchiseptica, Brevundimonas diminuta, Burkholderia cepacia, Enterobacter agglomerans, Enterobacter cloacae, Enterobacter gergoviae, Enterobacter liquefaciens, Escherichia coli (Urinary), Escherichia coli (Wound), Flavobacterium meningosepticum, Hafnia alvei, Klebsiella oxytoca, Klebsiella pneumoniae, Morganella morganii, Proteus mirabilis, Proteus vulgaris, Pseudomonas aeruginosa, Pseudomonas fluorescens, Pseudomonas pseudomallei, Pseudomonas putida, Pseudomonas stutzeri, Serratia marcescens, Sphingomonas paucimobilis

OTHER BACTERIA Actinobacillus pleuropneumoniae, Actinomyces pyogenes, Bacillus cereus, Bacteroides fragilis, Corynebacterium ammoniagenes (Brevibacterium ammoniagenes), Bordetella bronchiseptica, Burkholderia pickettii, Campylobacter jejuni, Chryseomonas luteola, Corynebacterium pseudotuberculosis, Enterobacter aerogenes, Enterococcus faecalis, Enterococcus faecium, Enterococcus hirae, Escherichia coli, Escherichia coli strain 0157:H7, Escherichia vulneris, Haemophilus influenzae, Klebsiella pneumoniae, Listeria monocytogenes, Pasteurella haemolytica, Pseudomonas aeruginosa, Rhodococcus equi, Salmonella enterica, Salmonella schottmuelleri, Salmonella typhi, Shigella dysenteriae, Staphylococcus aureus, Staphylococcus auricularis, Staphylococcus capitis, Staphylococcus hominis, Staphylococcus simulans, Stenotrophomonas maltophilia, Streptococcus equi var. equi, Streptococcus equi var. zooepidermicus, Streptococcus pneumoniae (PRSP), Streptococcus pyogenes, Streptococcus salivarius, Yersinia enterocolitica

PATHOGENIC FUNGI Trichophyton mentagrophytes

ENVIRONMENTAL FUNGI Aspergillus candidus, Aspergillus niger, Penicillium chermesinum, Penicillium oxalicum, Penicillium spinulosum, Ulocladium sp.

ANTIBIOTIC RESISTANT GRAM NEGATIVE BACTERIA Pseudomonas aeruginosa (Sulfa, Cefatoxime, Nitrofurantoin, Tetracycline, Amikacin, Ampicillin, Cephalothin and Bactine Resistant), Escherichia coli (Ampicillin, Tetracycline, Penicillin and Sulfa Resistant), Klebsiella oxytoca (Ampicillin, Sulfanilimide and Tetracycline Resistant), Klebsiella pneumoniae type 1 (Ampicillin, Tetracycline, Cephalothin and Sulfa Resistant), Morganella morganii (Penicillin and Tetracycline Resistant), Enterobacter agglomerans (Ampicillin and Sulfanylimide Resistant), Salmonella choleraesuis (Antibiotic Resistant), Enterobacteriacia with extended beta-lactamase resistance (Ampicillin and Piperacillin Resistant)

ANTIBIOTIC RESISTANT GRAM POSITIVE BACTERIA Enterococcus faecalis (Vancomycin Resistant-VRE), Enterococcus faecium (Vancomycin Resistant-VRE), Staphylococcus aureus (Methicillin-MRSA, Community Associated Methicillin Resistant - CA-MRSA PVL Positive), Staphylococcus aureus (CA-MRSA Genotype USA 400), Staphylococcus aureus (Penicillin G, Penicillin, Ampicillin, Cefazolin, Cefatoxime, Chloramphenicol, Ciprofloxacin, Clindimycin, Erythromycin, Oxacillin, Rifampin, Tetracycline Resistant), Staphylococcus aureus (Vancomycin Resistant – VRSA), Staphylococcus aureus (Vancomycin Resistant Intermediate-VISA), Staphylococcus epidermidis (Ampicillin and Drug Resistant)

VIRUCIDAL* PERFORMANCE: At 2 ounces per gallon (1:64) use level, this product was evaluated in the presence of 5% serum with a 10 minute contact time unless otherwise noted below and found to be effective against the following viruses on hard, non-porous environmental surfaces:

HUMAN VIRUSES Adenovirus type 2, Cytomegalovirus, HBV (Hepatitis B Virus), HCV (Hepatitis C Virus), Herpes Simplex type 1 Virus, Herpes Simplex type 2 Virus, HIV-1 (AIDS Virus), Human Coronavirus, Influenza A/Brazil Virus, Influenza A/Victoria (H3N2) Virus, Influenza A2-Asian Virus, Influenza B Virus (Allen strain), Influenza C Virus (Taylor strain), Measles Virus, Parainfluenza Virus type 1, Poliovirus type 1 (Chat strain) 30 minutes contact time, Respiratory Syncytial Virus, Rotavirus, Vaccinia Virus

ANIMAL PREMISE VIRUCIDAL* PERFORMANCE: At 2 ounces per gallon (1:64) use level, this product was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses on hard, non-porous environmental surfaces:

NON-HUMAN VIRUSES

Avian Influenza/Turkey/Wisconsin Virus, Canine Coronavirus, Canine Distemper Virus, Canine Herpesvirus, Equine Herpesvirus, Equine Influenza Virus, Feline Calicivirus, Norovirus, Feline Infectious Peritonitis Virus, Infectious Bovine Rhinotracheitis (IBR) Virus, Newcastle Disease Virus, Porcine Parvovirus, Porcine Respiratory & Reproductive Syndrome Virus (PRRSV), Porcine Rotavirus, Pseudorabies Virus, Transmissible Gastroenteritis (TGE) Virus, T1 bacteriophage, T4 bacteriophage, Vesicular Stomatitis Virus (VSV), Bovine Viral Diarrhea Virus (BVDV), Avian Influenza Virus (H5N1), Influenza A Virus (swine flu virus) (H1N1)

This product, in the presence of a 98% organic soil load, diluted 1:64 (2 ounces per gallon) in 400 ppm Hard Water, demonstrated efficacy within 10 minutes against the following virus: Human Coronavirus. Note that the organism referenced in the above statement is not associated with blood spills. For blood spills, the surface must be thoroughly cleaned before applying this product. ***KILLS HIV, HCV & HBV ON PRE-CLEANED 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 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 human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS), Hepatitis C Virus (HCV) and Hepatitis B Virus (HBV).

12R09
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Alkyl (68%C12, 32%C14) dimethyl ethylbenzyl ammonium chloride 2.37%
INERT INGREDIENTS:..... 95.26%
Total..... 100.00%

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KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautionary statements.

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SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HCV & HBV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. Personal Protection: Specific barrier protection items to be used when handling items soils with blood or body fluids are disposable latex gloves, gowns, masks and eye coverings. Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this the disinfectant. Disposal of Infectious Materials: Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to Federal, State and Local regulations for infectious waste disposal. Contact Time: Leave surfaces wet for 30 seconds for HIV-1 and 10 minutes for HCV and HBV. The contact time for viruses, fungi and bacteria listed on this label is 10 minutes except for Poliovirus Type I (Chat strain) which is 30 minutes.

FUNGICIDAL: At 2 ounces per gallon use-level, (or equivalent use dilution), this product is effective against the pathogenic fungus, Trichophyton mentagrophytes (athlete's foot fungus - cause of Ringworm) on inanimate surfaces in the presence of 5% organic soil load and 300 ppm water hardness as $CaCo_3$ in locker rooms, shower and bath areas and exercise facilities. Contact time ~ 10 minutes.
This product, in the presence of a ~ 100% organic soil load, diluted 1:64 (2 ounces per gallon) in 395ppm hard water, demonstrated efficacy within 10 minutes against the following pathogenic fungus: Trichophyton mentagrophytes. Note that the organism referenced in the above statement is not associated with blood spills. For blood spills, the surface must be thoroughly cleaned before applying this product.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.
STORAGE: Do not store on side. Avoid creasing or impacting of side walls. 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 temperature and shake gently to remix components. Use locked storage in an area that will prevent cross-contamination of other pesticides, fertilizer, food and feed. Store in locked area inaccessible to children.
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: Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the 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. Discard rinsate. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.
Nonrefillable container. Do not reuse or refill this container. Offer 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 on clothing. Harmful if swallowed. Wear protective eyewear (goggles, face shield or safety glasses). Wear protective clothing and rubber gloves. Avoid contamination of food. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT - FIRST AID

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 a 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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

No Print Zone