



ONE STEP

Disinfectant Cleaner & Deodorizer

One Step Disinfectant Cleaner and Deodorizer is a phosphate-free, pH neutral formulation designed to provide effective cleaning, deodorizing, and disinfection for hospitals, nursing homes, schools, Supermarkets, food service establishments, office buildings, manufacturing facilities, lodging establishments, retail business, athletic/recreation facilities and convention centers where housekeeping is of prime importance in controlling cross-contamination from treated surfaces. This product is a one step neutral disinfectant that is effective against a broad spectrum of bacteria, is virucidal* (including HIV-1, HIV-2, HBV and HCV) and inhibits the growth of mold and mildew and their odors when used as directed. One Step Disinfectant Cleaner and Deodorizer when used as directed, is formulated to disinfect the following hard non-porous inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel, tables, chairs, desks, bed frames, walls, cabinets, doorknobs, garbage cans, glazed ceramic tile, plastic surfaces, play equipment, exercise equipment, exercise and wrestling mats, shower stalls, bathtubs, toilets and urinals.

■ PHYSICAL PROPERTIES

APPEARANCE: Clear Green Liquid
SPECIFIC GRAVITY: 1.023
ODOR: Fresh Scent
pH (Conc.): 6 to 8
FLASH POINT: None (WATER-BASED LIQUID)

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride.....	3.255%
Dioctyl dimethyl ammonium chloride.....	1.628%
Didecyl dimethyl ammonium chloride.....	1.628%
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride.....	4.339%
INERT INGREDIENTS.....	89.150%
Total.....	100.000%

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■ SAFE STORAGE & HANDLING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.
DANGER: KEEP OUT OF REACH OF CHILDREN.
CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Wear goggles or face shield, rubber gloves, and protective clothing. 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. Call a poison control center or doctor for treatment advice. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice. IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. AGE: Store in a dry place no lower in temperature than 50°F or higher than 120°F.
CONTAINER DISPOSAL: Non-refillable containers. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying.
PESTICIDE DISPOSAL: SEE CONTAINER LABEL FOR PROPER DISPOSAL INSTRUCTIONS.

■ DIRECTIONS

DISINFECTION - To disinfect inanimate, hard non-porous surfaces add 1 ounce of this product per gallon of water. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For sprayer applications, spray 6-8 inches from surface, rub with brush, sponge or cloth. Do not breathe spray mist. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. TO DISINFECT TOILET BOWLS - Remove gross filth or soils from surfaces with bowl brush. Add 1 ounce of this product to the bowl water. Brush or 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. TO DISINFECT RESTAURANT FOOD CONTACT SURFACES: countertops, appliances, and tables, add 1 ounce of this product per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow the surface to remain wet for 10 minutes, then remove excess liquid and rinse the surface with potable water. This product cannot be used to clean the following food contact surfaces: utensils, glassware and dishes.

BACTERICIDAL ACTIVITY - At the 1 ounce per gallon dilution, One Step Disinfectant Cleaner and Deodorizer demonstrates effective disinfectant activity against the organisms: Pseudomonas aeruginosa, Salmonella enterica subsp. enterica serotype choleraesuis, Staphylococcus aureus, Staphylococcus aureus (clinical isolate) Enterococcus faecalis, Escherichia coli, Listeria monocytogenes, Streptococcus pyogenes (Clinical - Flesh Eating Strain BIRD M3), Vancomycin resistant Enterococcus faecalis (VRE), Methicillin resistant Staphylococcus aureus (MRSA), Vancomycin intermediate resistant Staphylococcus aureus (VISA), Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 123 Genotype USA400, and Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 384 Genotype USA300.

FUNGICIDAL ACTIVITY - At the 1 ounce per gallon dilution, this product is fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (Athlete's Foot Fungus) (a cause of ringworm) (a cause of ringworm of the foot) and Candida albicans. Apply solution with a cloth, sponge or hand pump trigger sprayer to hard, non-porous surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard non-porous surfaces commonly contacted by bare feet. Allow the surface to remain wet for 10 minutes, then remove excess liquid. Diluted product should be applied daily or more frequently with heavy facility use.

*VIRUCIDAL ACTIVITY - This product when used on environmental, inanimate, hard, non-porous surfaces exhibits effective virucidal activity against HIV-1, HIV-2, Hepatitis B virus (HBV), Hepatitis C virus (HCV), Herpes Simplex Type 1 (causative agent of fever blisters), Herpes Simplex Type 2 (genital), Influenza A2/Hong Kong, Vaccinia, Rotavirus, Human Coronavirus, SARS associated Coronavirus, Avian Influenza A Virus, Canine Distemper Virus.

■ PACKAGING

One Step is available in 4x1 gallon cases, 5 gallon pails and 55 gallon drums.

■ ADDITIONAL INFORMATION

If you need additional information, please contact our corporate office at 816-471-3602. For a Material Safety Data Sheet go to www.chemicaluniverse.com.