

Neutral Fresh 64

- **CLEANER • DISINFECTANT • DETERGENT • *VIRUCIDE**
- **FUNGICIDE (against pathogenic fungi) • MILDEWICIDE • DEODORIZER**
- **KILLS SARS ASSOCIATED CORONAVIRUS IN 5 MINUTES**

This product is a phosphate-free, pH neutral formulation designed to provide effective cleaning, deodorizing, and disinfection for hospitals, nursing homes, schools, households, colleges, veterinary clinics, animal life science laboratories, food processing plants, transportation terminals, office buildings, manufacturing facilities, hotels, lodging establishments, retail business, athletic/recreation facilities, sports stadiums, amphitheaters and convention centers where housekeeping is of prime importance in controlling cross contamination. For use in federally inspected meat and poultry plants. This product, when used as directed, is formulated to disinfect hard, non-porous, inanimate, environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, vanity tops, shower stalls, bathtubs, and cabinets. For larger areas such as operating rooms, patient care facilities, and restrooms, this product is designed to provide both general cleaning and disinfecting. This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odors caused by microorganisms. This product is formulated to a neutral pH, yet provides effective cleaning strength that will not dull high gloss floor finishes.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, *VIRUCIDE AND MILDEWICIDE IN WATER UP TO 400 PPM HARDNESS (AS CaCO₃) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

DIRECTIONS FOR USE

DISINFECTION – To disinfect inanimate, hard non-porous surfaces add 2 ounces 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 use-solution daily or more often if the use-solution becomes visibly dirty, contaminated or diluted. All surfaces that come in contact with food must be rinsed with potable water. Do not use on utensils, glasses and dishes.

To disinfect toilet bowls – Prior to disinfection, remove gross filth or soils from surfaces with bowl brush. Add 2 ounces 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 food processing premises: Before using this product, food products and packaging materials must be removed from the area or carefully protected. For floors, walls, and storage areas, add 2 ounces of this product per gallon of water. For heavily soiled areas, a pre-cleaning step is required. 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. All surfaces that may come in contact with food must be rinsed with potable water.

BACTERICIDAL ACTIVITY:

Bactericidal in 10 minutes against: *Pseudomonas aeruginosa* (ATCC 15442), *Staphylococcus aureus* (ATCC 6538), *Salmonella* (*choleraesuis*) enterica (ATCC 10708) and *Enterobacter aerogenes* (ATCC 13048).

Bactericidal in 5 minutes against: *Escherichia coli* 0157:H7 (ATCC 43895), *Enterococcus faecium* (ATCC 6569), *Escherichia coli* (ATCC 8739), *Salmonella* (*typhimurium*) enterica (ATCC 14028), *Proteus mirabilis* GBL 34 Clinical Isolate, *Proteus vulgaris* (ATCC 33420), *Salmonella* (*typhi*) enterica (ATCC 6539), *Serratia marcescens* (ATCC GBL-NC 76 Industry Isolate), *Shigella flexneri* (ATCC 12022), *Streptococcus pyogenes* (ATCC 19615), *Shigella sonnei* (ATCC 9290), *Staphylococcus epidermidis* (ATCC 14990), *Yersinia enterocolitica* (ATCC 23715), *Salmonella* (*enteritidis*) enterica (ATCC 13076), *Listeria monocytogenes* (ATCC 9844), *Klebsiella pneumoniae* (ATCC 13883), *Salmonella* (*pullorum*) enterica (ATCC 9120). **ANTIBIOTIC RESISTANT**

BACTERIA: Vancomycin resistant *Enterococcus faecium* (VRE), Multi-Drug resistant (MDR) *Acinetobacter baumannii* (ATCC 19606), Vancomycin Intermediate Resistant *Staphylococcus aureus* (VISA) (ATCC 700699), Extended Spectrum Beta-Lactamase (ESBL) *Escherichia coli* (ATCC BAA-196), Antibiotic resistant *Staphylococcus epidermidis*, Antibiotic resistant *Escherichia coli*, Antibiotic resistant *Enterococcus faecium*, Antibiotic resistant *Klebsiella pneumoniae*, Methicillin resistant *Staphylococcus aureus* (MRSA) (ATCC 33591), Oxacillin resistant *Streptococcus pneumoniae* (ATCC 35088).

*VIRUCIDAL ACTIVITY:

***Virucidal in 5 minutes against:** Hepatitis C Virus (HCV), SARS Associated Coronavirus, Herpes simplex Virus Type 1 (ATCC VR-733), Herpes simplex Virus Type 2 (ATCC VR-734), Influenza Virus Type A2 (ATCC VR-544), Pseudorabies Virus (ATCC VR-135), Respiratory Syncytial Virus (RSV) (ATCC VR-26), Vaccinia Virus (ATCC VR-119), Rotavirus (ATCC VR-899), Bovine Viral Diarrhea Virus (BVDV) (ATCC 534) and Avian Influenza Virus H9N2.

***Virucidal in 3 minutes against:** Hepatitis B Virus (HBV).

***Virucidal in 30 seconds against:** Human Immunodeficiency Virus Type 1.

MILDEWICIDAL ACTIVITY: At a 2 ounces per gallon dilution 400 ppm hard water (calculated as CaCO₃) and 5% organic blood serum, this product will kill *Aspergillus niger* (ATCC 6275) when applied to hard, non-porous surfaces. Allow surface to remain wet for 10 minutes and let air dry. Repeat when mildew growth returns.

FUNGICIDAL ACTIVITY: At the 2 ounces per gallon dilution, this product is fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes* (ATCC 9533) (Athlete's Foot Fungus) (a cause of ringworm) (a cause of ringworm of the foot) and *Candida albicans* (ATCC 10231). 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, for *Candida albicans* allow surface to remain wet for 5 minutes, then remove excess liquid. Diluted product must be applied daily or more frequently with heavy facility use.

HIGHLIGHTS

- 2 oz./gal. dilution
- Neutral pH - excellent for routine floor maintenance
- Short contact times for selective pathogens
- Excellent deodorizer
- Phosphate free

TYPICAL PROPERTIES

- Specific Gravity: 1.00
- pH: 7.5
- **ACTIVE INGREDIENTS:**
Didecyl dimethyl ammonium chloride 3.144%
N-Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride 2.096%
INERT INGREDIENTS ... 94.760%
- Appearance: Clear blue liquid
- Fragrance: Fresh

SAFETY CAUTIONS

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if inhaled. Do not breathe spray mist. Harmful if swallowed or absorbed through skin. Wear goggles or face shield, rubber gloves and protective clothing when handling.

Refer to SDS and product label for additional safety information and directions for use.