DISINFECTANTS

**Description**

A phosphate free, multi-purpose, detergent disinfectant cleaner designed for controlling the hazard of cross contamination. This product offers exceptional cleaning properties while featuring broad spectrum disinfecting. Non-ionic & cationic detergents, chelating agents, water softeners, and deionized water are blended together to insure effective bactericidal, fungicidal and virucidal properties in the presence of organic soil (5% blood serum). Kills the AIDS virus.

**Product Features | Benefits**

- Hospital grade / Insures complete broad spectrum disinfecting
- Dual-quat / Residual bactericidal action
- Kills AIDS virus / Reduces danger of contamination from hard surfaces
- Biodegradable, phosphate free / Environmentally responsible
- Multiple applications / Variety of uses for both institutional and industrial areas

**Specifications**

- **Color:** Yellow
- **Odor:** Citrus
- **Active Ingredients:** Dual Quaternary
- **pH Concentrate:** 11.5 ± 2
- **Specific Gravity:** 1.036
- **Density lbs./gal.:** 8.6 ± 2
- **Upper Cloud:** under 130º F
- **Lower Cloud:** over 33º F
- **Viscosity:** 15 cps max.
- **Cleaning Agents:** All Synthetic
- **Virucidal:** Yes
- **Fungicidal:** Yes
- **Bactericidal:** Yes
- **Mildewstat:** Yes
- **Deodorizing:** Excellent
- **Disinfecting:** Broad Spectrum
- **Shelf Life:** 1 year min. in original unopened container

**Directions for Use**

This product is a phosphate free formulation designed to provide effective cleaning, deodorizing and disinfecting specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination. This product, when used as directed, is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones, and bed frames. 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 will kill the following organisms at 2 ounces per gallon of water: Pseudomonas aeruginosa PRD 10, Escherichia coli, Klebsiella pneumoniae, Salmonella schottmuelleri, Salmonella choleraesuis, Streptococcus salivarius, Brevibacterium ammoniagenes, Streptococcus faecalis, Staphylococcus aureus, Enterobacter aerogenes and Staphylococcus aureus and meets all requirements for hospital use. Will be fungicidal at 2 ounces per gallon of water against the pathogenic fungi, Trichophyton mentagrophytes. Will be virucidal at 2 ounces per gallon of water against: Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group), also, HIV-1 (associated with AIDS).

**VIRUCIDAL ACTIVITY**

- Directly to the bowl water. 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. BACTERICIDAL ACTIVITY: Dilute at the rate of 2 ounces per gallon of water. MILDEWSTAB: To control mold and mildew on pre-cleaned, hard non-porous surfaces add 2 ounces of this product per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mold growth appears. FUNGICIDAL ACTIVITY: Dilute at the rate of 2 ounces per gallon of water. EFFICACY TESTS HAVEN’T DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE, IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

**Mildewstat:** Yes

**Deodorizing:** Excellent

**Disinfecting:** Broad Spectrum

**Shelf Life:** 1 year min. in original unopened container

**ACTIVITY**

- Diluted at the rate of 2 ounces per gallon of water.

**PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings (Hospitals, Nursing Homes) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/products with blood or body fluids and in which the surfaces/products 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):**

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. PERSONAL PROTECTION:** When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings. CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product. CONTACT TIME: Allow surface to remain wet for 10 minutes.

**Safety Information**

DISINFECTANTS

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal. Registered with the Environmental Protection Agency. Authorized by the USDA for use in Federally Inspected Meat and Poultry Plants.

**STATEMENT OF PRACTICAL TREATMENT:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For Eyes, call a physician. Remove and wash contaminated clothing before reuse. If Swallowed, drink egg whites or gelatin solution, or if these are not available drink large quantities of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**MICRO-CHEM PLUS**

Detergent Disinfectant Cleaner

**World Class Cleaning Solutions**

401 North 10th Street • Philadelphia, PA 19123
1-800-NAT-CHEM • FAX (215) 922-5517
www.nclonline.com