

TECHNICAL DATA SHEET

HOSPITAL 64

DISINFECTANT DETERGENT



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 bacteriocidal action
- Biodegradable, phosphate free / Environmentally responsible
- Kills AIDS virus / Reduces danger of contamination from hard surfaces
- Multiple applications / Variety of uses for both institutional and industrial areas

Specifications:

Color	Yellow	Cleaning Agents	All Synthetic
Odor	Citrus	Virucidal	Yes
Active Ingredients	Dual Quaternary	Fungicidal	Yes
pH Concentrate	11.5 ± 0.2	Bactericidal	Yes
Specific Gravity (gr/cc)	1.036	Mildewstat	Yes
Density (lbs/gal)	8.6 ± 0.2	Cleaning	Excellent
Upper Cloud	> 130°F	Deodorizing	Excellent
Lower Cloud	< 33°F	Disinfecting	Broad Spectrum
Viscosity (cps)	15	Shelf Life	1 year minimum in original unopened container

Directions for Use:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is a phosphate free formulation designed to provide effective cleaning, deodorization and disinfection specifically for hospitals, nursing homes, schools, food processing plants, food service establishments, transportation terminals, automotive garages, office buildings, manufacturing facilities, lodging establishments, retail businesses and athletic/recreational facilities where housekeeping is of prime importance in controlling the hazard of cross contamination. When used as directed, this product is formulated to disinfect hard, non-porous, inanimate, environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, vinyl, chrome, bathrooms, shower stalls, shower doors, shower curtains, bathtubs, toilets, bathroom fixtures, kitchens, countertops, sinks, exteriors of microwaves, refrigerators, stoves, and other kitchen appliances, stovetops, automobile interiors, cabinets, tables, chairs, desks, dining room surfaces, doorknobs, garbage cans and telephones. 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, behind and under sinks and other areas where bacterial growth can cause malodors. This product cleans, deodorizes and disinfects all hard non-porous household surfaces. It inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and fresh smelling. This product is non-abrasive (non-scratch) cleaner for showers, tubs, shower doors, vinyl and plastic shower curtains, fixtures and toilet bowls. This product is an economical concentrate that can be used with a mop and bucket, hand pump trigger sprayer, low pressure coarse sprayer or sponge. This product is not for use on critical and semi-critical medical devices surfaces.

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 heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. **To disinfect toilet bowls:** flush toilet, add 2 ounces of this product 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. **To disinfect food processing premises:** floors, walls, 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. Before using this product, food products and packaging materials must be removed from the area or carefully protected. After use, all surfaces in the area must be thoroughly rinsed with potable water. **To disinfect food service establishment food contact surfaces:** countertops, appliances, tables, add 2 ounces of this product per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge, hand pump trigger sprayer or low pressure coarse 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 - When diluted at the rate of 2 ounces per gallon of water, this product exhibits effective disinfectant activity against the organisms: Pseudomonas aeruginosa PRD 10, Escherichia coli, Klebsiella pneumoniae, Salmonella schottmuelleri, Salmonella choleraesuis, Streptococcus salivarius, Brevibacterium ammoniagenes, Streptococcus faecalis, Shigella dysenteriae, Enterobacter aerogenes and Staphylococcus aureus, Methicillin resistant Staphylococcus aureus (MRSA), Vancomycin intermediate resistant Staphylococcus aureus (VISA) and Streptococcus pyogenes (Clinical-Flesh Eating Strain BIRD M3) and meets all requirements for hospital use. **MILDEWSTAT** - 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, sponge, hand pump trigger sprayer or low pressure coarse sprayer making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears. **FUNGICIDAL ACTIVITY** - At the 2 ounces per gallon dilution, this product is also fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (causative agent of Athlete's Foot Fungus) (a cause of ringworm of the foot), when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard, non-porous, surfaces commonly contacted by bare feet. **VRUCIDAL ACTIVITY** - This product when used on environmental, inanimate, hard, non-porous surfaces at 2 ounces per gallon of water, exhibits effective virucidal activity 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), Vaccinia virus (representative of the Pox virus group), Bovine Viral Diarrhea Virus (BVDV), Human Coronavirus (ATCC VR-740, Strain 229E), Human Immunodeficiency Virus Type 1 (HIV-1), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Norovirus (Norwalk Virus), and Feline calicivirus (FCV). **KILLS HIV-1, HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS 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/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 B Virus (HBV) and Hepatitis C Virus (HCV). **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON 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. **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal. **EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VRUCIDE, IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).** **DEODORIZATION** - To deodorize, apply this product as indicated under the heading DISINFECTION. **Cleaning/Deodorizing Directions:** Add 1 to 2 ounces per gallon of water to clean and deodorize windows, mirrors and glass surfaces. Use a coarse spray device. Spray 6-8 inches from surface, rub with sponge or cloth. Do not breathe spray mist.

Safety Information:

FIRST AID: Have the product container or label with you when calling poison control center or doctor, or going for treatment. **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. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to do so by the 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. **Registered with the Environmental Protection Agency. Authorized by USDA for use in federally inspected meat and poultry plants. For Sale To, Use and Storage By Service Personnel**



HOSPITAL 64

DISINFECTANT DETERGENT

MATERIAL SAFETY DATA

SECTION 1 – MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: HOSPITAL 64 Disinfectant Detergent
Supplier's Name: DSC
Supplier's Address: Milford, CT 06460
HMIS Hazard Code: Health: 2 Flammability: 0 Reactivity: 0 Other: 0
Chemical Family: Disinfectant Cleaner

Emergency Phone #: CHEM-TEL (800) 255-3924
Chemical Name: N.A. Proprietary Blend
Formula: N.A. Blended Product
Hazard Class: N/A **D.O.T. ID#:** N/A
D.O.T. Shipping Name: N/A

SECTION 2 – HAZARDOUS INGREDIENTS

CHEMICAL NAME	CASE NO.	% CONCENTRATE RANGE	HAZARD RATINGS (TIV/PEL)
N-Alkyl Dimethylbenzyl Ammonium Chloride	68391-01-5	PROP.	250 mg/Kg (LD50 Oral)
Polyethylene Mono(Nonylphenyl) Ether Glycols	9016-45-9	PROP.	Not Est.
N-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	68956-79-6	PROP.	250 mg/Kg (LD50 Oral)

SECTION 3 – PHYSICAL DATA

Boiling Point (°F): 212° **Specific Gravity:** 1.040
Vapor Pressure: = 26 mm **Evaporation Rate:** = To Water
Vapor Density: = To Water **Solubility In Water:** Complete
Appearance: Clear, Thin Yellow Liquid
Odor: Citrus

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point (°F): None to boiling (TOC)
Flammable Limits: N.A.
Unusual Fire & Explosion Hazards: None

SECTION 5 – HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: No Skin: Yes Ingestion: Yes
Threshold Limit Value: Not Est.
Effects of Overexposure: Causes skin and eye irritation. May be harmful if swallowed. If ingested may cause severe gastric irritation and toxic reaction.
Emergency & First Aid Procedures: **For Eyes:** Flush eyes with water for at least fifteen minutes and seek medical attention. **For Skin:** Flush skin thoroughly with water. If irritation persists seek medical attention. **If ingested:** Do not induce vomiting. Give milk, egg white, gelatin or if none of these are available large quantities of water. Seek medical attention. Do not give anything by mouth to an unconscious person.
Conditions Aggravated by Exposure: May aggravate dermatitis and cause irritation to sensitive skin.
Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): None

SECTION 6 – REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Incompatibility: Avoid contact with strong acids and oxidizers
Hazardous Decomposition Products: Carbon Oxides and Amines
Hazardous Polymerization: Will not occur

SECTION 7 – SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Recontain-erize by mopping, wet vacuum, or using a suitable absorbent. Be cautious of slippery floors.
Waste Disposal Method: Follow local, state and federal regulations. See product label for EPA disposal requirements.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required.
Ventilation: Local
Protective Gloves: Latex or rubber
Eye Protection: Goggles or safety glasses with side shields.
Other Protective Equipment: Rubber boots recommended if working in standing solutions.

SECTION 9 – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store between 40° and 120°F.
Other Precautions: It is a violation of federal law to use this product in a manner inconsistent with its labeling. Keep out of reach of children. For professional use only.

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the product's improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.

N.A. = Not Applicable Not Est. = Not Established Prop. = Proprietary



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