



Non-Acid Disinfectant Bathroom Cleaner

Product No. 15

Technical Data

January 2004

Description:

3M™ Non-Acid Disinfectant Bathroom Cleaner is a concentrated product to be diluted and dispensed using the 3M Twist 'n Fill™ Cleaning Chemical Management System.

Non-Acid Disinfectant Bathroom Cleaner is an effective multi-purpose disinfectant, cleaner, bactericide, virucide and fungicide at 400 ppm hard water (calculated as CaCO₃) in the presence of 5% organic soil. This product disinfects, cleans, and deodorizes in one labor-saving step.

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%

EPA Registration:

EPA Reg. No. 1839-166-10350

Applications:

This product is for use on hard, non-porous, inanimate environmental surfaces such as floors, walls, metal, stainless steel, glazed porcelain, glazed ceramic tile and plastic surfaces. For larger areas such as restrooms, this product is designed to provide both general cleaning and disinfecting.

Packaging:

2-liter bottle
6 bottles per case

Each 2-liter bottle makes 61 ready-to-use gallons of cleaner

General Use Directions:

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

Hard Surfaces:

1. Dispense this product using the 3M Twist 'n Fill Dispenser into a properly labeled container.
2. For sprayer application, use a coarse spray setting. Spray 6-8 inches from surface, rub with a brush, sponge or cloth.

DISINFECTION: For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. Apply solution with a mop, cloth, sponge, or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid.

VIRUCIDAL ACTIVITY: As dispensed, this product is a virucide. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, mop, 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.

MILDEWSTAT: To control mold and mildew (such as aspergillus niger) and the odors they cause on pre-cleaned, hard, non-porous inanimate surfaces, use this product as dispensed. 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 mildew growth appears.

FUNGICIDAL ACTIVITY: As dispensed, this product is fungicidal against trichophyton mentagrophytes (athlete's foot fungus) and candida albicans. Apply solution with a cloth, mop, sponge, or 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.

GENERAL CLEANING: Apply solution to soiled area with a mop, cloth, sponge or hand pump trigger sprayer. Thoroughly wet soiled surface and scrub as necessary. Rinse surface with potable water and wipe dry with a dry paper towel or lint-free cloth.

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.

***KILLS HIV-1, HIV-2, HBV and HCV ON PRECLEANED 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 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 or Type 2 (HIV-1 or HIV-2) (associated with AIDS), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV). **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HIV-2, HBV, and HCV 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 PROCEDURE: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIMES: 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.

Efficacy:

This product is effective against the following pathogenic organisms:

- Aspergillus niger
- Bordetella bronchiseptica
- Candida albicans
- Corynebacterium ammoniagenes
- Enterobacter aerogenes
- Enterobacter cloacae sp.
- Enterococcus faecalis sp. including VRE
- Escherichia (E coli) sp.
- Fusobacterium necrophorum
- Klebsiella pneumoniae
- Lactobacillus casei
- Listeria monocytogenes
- Pasteurella multocida
- Proteus mirabilis sp
- Proteus vulgaris
- Pseudomonas aeruginosa
- Salmonella choleraesuis
- Salmonella choleraesuis sp.
- Serratia marcescens
- Shigella flexneri
- Shigella dysenteriae
- Shigella sonnei
- Staphylococcus aureus sp. including MRSA and VRSA
- Staphylococcus epidermidis sp.
- Streptococcus pyogenes sp.
- Trichophyton mentagrophytes (athletes foot fungus)
- Xanthomonas maltophilia

This product is effective against the following viruses:

- Bovine rhinotracheitis
- Canine distemper
- Feline leukemia
- Feline picornavirus
- Hepatitis B Virus (HBV)
- Hepatitis C Virus (HCV)
- Herpes simplex types 1 and 2
- HIV-1 (AIDS virus)
- HIV-2
- Influenza Type A2/Hong Kong
- Pseudorabies
- Vaccinia

Product Specifications:

(Typical Values)

Concentrate:

1. pH: 6.8
2. Flash Point: > 200° F
3. Solubility in Water: Complete
4. Specific Gravity: 1.0
5. Viscosity: < 100 cps
6. Appearance: Clear, green liquid
7. Fragrance: Fresh

Ready-to-Use:

1. pH: 7
2. Flash Point: N/A
3. Solubility in Water: Complete
4. Specific Gravity: 1.0
5. Viscosity: <100 cps
6. Appearance: Clear, colorless to light green liquid
7. Fragrance: Mild

Precaution Summary:

Concentrate:

Eye Contact: Corrosive to the eyes.

Skin Contact: Corrosive to skin.

Inhalation: Irritation to nose and throat.

Ready-to-Use:

Eye Contact: Mild eye irritant.

Skin Contact: Mild skin irritant after prolonged contact.

Inhalation: Irritation to nose and throat.

Note:

Refer to product Material Safety Data Sheets (MSDS: 18-2340-0, 18-2342-6) for specific health hazard, first aid and precautionary information.

3M Branch Sales Offices

ANCHORAGE

11151 Calaska Circle
Anchorage, AK 99515
Telephone: 907/522-5200
Facsimile 907/522-1645

HONOLULU

4443 Malaai Street
Honolulu, HI 96818
Mail to: P.O. Box 30048
Honolulu, HI 96820
Telephone: 808/422-2721
Facsimile 808/422-9557

CANADA

1840 Oxford Street East
London, Ontario, Canada
N5V 3G2
Mail to: P.O. Box 5757
London, Ontario, Canada
N6A 4T1
Telephone: 800/364-3577
Facsimile: 800/479-4453

CONTINENTAL UNITED STATES

Customer Service Department
3M Center Building 223-5S-07
St. Paul, MN 55144-1000
Order Entry 1-800-852-9722
Facsimile 1-800-447-0408

Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.

3M Building and Commercial Services Division

St. Paul, MN 55144-1000
1-800-852-9722
www.3M.com/commcare

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