



# Non-Acid Disinfectant Bathroom Cleaner Concentrate 15

## Technical Data

November 2007 V 2

### 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. Using the 3M™ Twist 'n Fill™ Cleaning Chemical Management System will result in 1 ounce of concentrate per gallon of use-solution.

3M™ Non-Acid Disinfectant Bathroom Cleaner is a one step neutral disinfectant that is effective against a broad spectrum of bacteria, is virucidal\* (including HIV-1, HIV-2 HBV and NCV) and inhibits the growth of mold and mildew and their odors when used as directed. This product is a no rinse neutral pH disinfectant cleaner that 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:

3M™ Non-Acid Disinfectant Bathroom Cleaner when used as directed, is formulated to disinfect the following hard, non-porous, inanimate environmental surfaces: floors, walls, metal, stainless steel, glazed porcelain, glazed ceramic tile and plastic surfaces artificial turf surfaces, vanity tops, shower stalls, bathtubs and cabinets. For larger areas such as operating rooms and patient care facilities, 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 Use-solution gallons of cleaner (typical)

### Directions for Use:

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

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.

**DISINFECTION:** To disinfect inanimate, hard non-porous surfaces, dispense this product using the 3M™ Twist 'n Fill™ Dispenser into a properly labeled container.

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.

### Non-Acid Toilet Bowl Disinfection/Cleaner Directions:

Remove gross filth prior to disinfection.

From use-solution: Empty toilet bowl or urinal and apply use-solution to exposed surfaces and under the rim, allow to stand for 10 minutes and flush.

**VIRUCIDAL ACTIVITY:** This product, when used on environmental, inanimate, hard, non-porous surfaces exhibits effective virucidal\* activity. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, mop, 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.

**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, sponge, or hand pump trigger 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:** As dispensed, this product is fungicidal against pathogenic fungi 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 this product to soiled area with a mop, cloth, sponge, hand pump trigger sprayer or hand pump trigger sprayer. Thoroughly wet soiled surface and scrub as necessary.

**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 and Type 2 (HIV-1 and 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 tests have demonstrated that 3M™ Non-Acid Disinfectant Bathroom Cleaner is an effective bactericide and \*virucide against the listed organisms in water up to 400 ppm hardness (as CaCO<sub>3</sub>) in the presence of organic soil (5% blood serum). This product is effective fungicide against the listed fungi in water up to 200 ppm hardness (as CaCO<sub>3</sub>) in the presence of organic soil (5% blood serum)**

**Bactericidal Activity:** As dispensed, this product demonstrates effective disinfectant activity against the organisms:

- Bordetella bronchiseptica
- Corynebacterium ammoniagenes
- Enterobacter aerogenes
- Enterobacter cloacae
- Enterobacter cloacae (clinical isolate)
- Enterococcus faecalis
- Enterococcus faecalis (clinical isolate)
- Escherichia coli
- Escherichia coli (clinical isolate)
- Fusobacterium necrophorum
- Klebsiella pneumoniae subsp. pneumoniae
- Lactobacillus casei subsp. rhamnosus
- Listeria monocytogenes
- Pasteurella multocida
- Proteus mirabilis ATCC 9921
- Proteus mirabilis ATCC 25933
- Proteus vulgaris
- Pseudomonas aeruginosa
- Salmonella enterica
- Salmonella choleraesuis subsp. choleraesuis serotype paratyphi B
- Salmonella choleraesuis subsp. choleraesuis serotype typhi
- Salmonella choleraesuis subsp. choleraesuis serotype typhimurium
- Salmonella choleraesuis subsp. choleraesuis serotype pullorum
- Serratia marcescens
- Shigella flexneri Type 2b
- Shigella dysenteriae
- Shigella sonnei
- Staphylococcus aureus
- Staphylococcus aureus (clinical isolate)

- Methicillin resistant Staphylococcus aureus (MRSA)
- Vancomycin intermediate resistant Staphylococcus aureus (VISA)
- Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 123 Genotype USA 400
- Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 384 Genotype USA 300
- Staphylococcus epidermidis
- Staphylococcus epidermidis (clinical isolate)
- Streptococcus pyogenes (clinical – Flesh Eating Strain BIRD M3)
- Streptococcus pyogenes Group A
- Vancomycin resistant Enterococcus faecalis (VRE)
- Xanthomonas maltophilia (clinical isolate)

**\*VIRUCIDAL ACTIVITY:** This product when used on environmental, inanimate, hard, non-porous surfaces exhibits effective virucidal activity against:

- Avian Influenza A Virus
- Bovine rhinotracheitis
- Bovine Viral Diarrhea Virus (BVDV)
- Canine distemper virus
- Feline leukemia
- Feline picornavirus
- Hepatitis B Virus (HBV)
- Hepatitis C Virus (HCV)
- Herpes simplex type 1 (causative agent of fever blisters)
- Herpes simplex type 2 (genital)
- HIV-1
- HIV-2
- Human Coronavirus (ATCC VR-740, Strain 229E)
- Influenza Type A2/Hong Kong
- Pseudorabies
- Rotavirus
- SARS associated Coronavirus
- Vaccinia

**Fungicidal Activity:**

At the 1 ounce per gallon dilution, this product is fungicidal against the pathogenic fungi:

- Trichophyton mentagrophytes (athletes foot fungus)
- Candida albicans

**Mildewstat**

- Aspergillus niger

**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

**Use-Solution:**

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 235-2E-81  
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](http://www.3M.com/commcare)

3M and Twist 'n Fill are trademarks of 3M Company.  
Copyright © 2007, 3M IPC. All rights reserved.  
DMR #60061 (70-0710-3757-9 Rev. A)