



# TB Quat Disinfectant Ready-To-Use Cleaner

## Technical Data

January 2008 Version 2

### Description:

3M™ TB Quat Disinfectant Cleaner is a **ready-to-use** Cleaner, Deodorizer, Disinfectant, Virucide, Tuberculocide, Mildewstat, and Fungicide. This product contains 2100 ppm of active germicide making it highly effective against a broad-spectrum of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew.

### Applications:

3M™ TB Quat Disinfectant Cleaner is designed specifically as a general, non-acid, non abrasive cleaner and disinfectant for use in:

- Homes, hospitals, nursing homes, hotels and schools

It is formulated to disinfect hard, non-porous, inanimate environmental surfaces:

- Floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces,

**Note:** For plastic and painted surfaces, test the product in an inconspicuous area to make sure the products is safe for use.

### Packaging:

1-quart bottle  
12 bottles per case

### General Use Directions:

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

3M™ TB Quat Disinfectant Cleaner is not for use on critical or semi-critical medical device surfaces.

**Disinfection, Deodorizing and Cleaning:** Remove gross filth or heavy soil prior to application of the product. Hold container six to

eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and remain wet for 3 minutes. For Bloodborne Pathogens: allow surface to remain wet for HIV-1, 1 minute and for HBV and HCV, 5 minutes. No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum.

### Bloodborne Pathogen Standard:

Kills HIV-1, HBV, HCV and HAV on pre-cleaned environmental surfaces or objects previously soiled with blood and/or 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, 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), Hepatitis C Virus (HCV) and Hepatitis A Virus (HAV).

### 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 gloves, gowns, masks and 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 HBV and HCV, 5 minutes, for HIV-1, 1 minute. These contact times will not control other common types of viruses and bacteria.

### Disposal of Infectious Materials:

Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

### Efficacy:

3M™ TB Quat Disinfectant Cleaner kills the following organisms on hard, non-porous, inanimate surfaces in the presence of 5% blood serum according to EPA approved test methods. Contact time is 3 minutes unless otherwise noted.

### Bacteria:

- Corynebacterium ammoniagenes
- Enterococcus faecium
- Escherichia coli
- Escherichia coli 0157:H7
- Listeria monocytogenes
- Pseudomonas aeruginosa
- Salmonella cholerasuis
- Salmonella typhi
- Staphylococcus aureus
- Streptococcus pyogenes
- Yersinia enterocolitica

### Antibiotic-Resistant Bacteria:

- (CA-MRSA) Community Associated Methicillin resistant Staphylococcus aureus
- (MRSA) Methicillin resistant Staphylococcus aureus
- (VISA) Vancomycin intermediate resistant Staphylococcus aureus
- (VRE) Vancomycin resistant Enterococcus faecalis
- (MRSE) Methicillin resistant Staphylococcus epidermidis

**Tuberculocidal:**

- Mycobacterium tuberculosis (TB) (5 minute contact time)

**Virucidal:**

(Minutes contact time)

- HIV-1 (associated with AIDS) (1 min)
- Hepatitis A Virus (HAV) (10 min)
- Hepatitis B Virus (HBV) (5 min)
- Hepatitis C Virus (HCV)(5 min)
- Poliovirus Type 1 (10 min)
- Canine Parvovirus (10 min)
- Bovine Viral Diarrhea Virus (BVDV)(5 min)
- Norwalk virus (30 seconds)
- Feline Calicivirus (30 seconds)
- Human Coronavirus (2 minutes)
- Rabies Virus (30 seconds)
- Rhinovirus type 39 (3 min)
- Rotavirus (3 min)
- SARS associated Coronavirus (2 min)

**Fungicidal:**

(10 minute contact time)

- Trichophyton mentagrophytes (Athlete's Foot Fungus)

**Mildewstat:**

To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

**Product Specifications:**

(Typical Values)

**Active Ingredients:**

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>) dimethyl benzyl ammonium chlorides - 0.105%

n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl ethylbenzyl ammonium chlorides - 0.105%

**EPA Registration:**

EPA Reg. No. 1839-83-10350

**Ready-to-Use:**

1. pH: 11.7
2. Flash Point: N/A
3. Solubility in Water: Complete
4. Specific Gravity: 1.0
5. Viscosity: <100 cps
6. Boiling point > 95 °F
7. Fragrance: Lemon
8. Appearance: Clear liquid

**Precaution Summary:**

Eye Contact: Moderate eye irritant

Skin Contact: Moderate skin irritant

Inhalation: Upper respiratory irritant and central nervous system depression

**Note:**

**Refer to product (MSDS) Material Safety Data Sheet 16-4509-2 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

### **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

### **CANADA**

1840 Oxford Street East  
London, Ontario, N5V3G2  
Canada  
Telephone: 519-451-2500  
Facsimile: 519-452-6262

### **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)

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