



Technical Data

3M™ TB Quat Disinfectant Cleaner Ready-to-Use

Description

3M™ TB Quat Disinfectant Cleaner Ready-to-Use 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 Ready-to-Use 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 like:

- 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 product 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 Ready-to-Use 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 1 minute for HIV-1, and for 5 minutes for HBV and HCV. 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 or objects, and in which the surfaces or 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 or 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 5 minutes for HBV and HCV, and for 1 minute for HIV-1. 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.

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.

NOTE:

Refer to product Material Safety Data Sheet for specific physical properties, health hazard, first aid and precautionary information.

TB Quat Disinfectant
Ready-To-Use Cleaner

- 16-4509-2

Efficacy

Using approved AOAC test methods, in the presence of 5% blood serum and a 3- minute contact time, unless otherwise noted, 3M™ TB Quat Disinfectant Ready-to-Use Cleaner kills the following organisms on hard, non-porous, inanimate surfaces:

Bacteria

- *Corynebacterium ammoniagenes* (ATCC 6871)
- *Enterococcus faecium* (ATCC 6569)
- *Escherichia coli* (ATCC 11229)
- *Escherichia coli* 0157:H7(ATCC 43895)
- *Listeria monocytogenes* (ATCC 35152)
- *Pseudomonas aeruginosa* (ATCC 15442)
- *Salmonella enterica* (ATCC 10708)
- *Salmonella* (typhi) (ATCC 6539)
- *Staphylococcus aureus* (ATCC 6538)
- *Streptococcus pyogenes* (V.A. Medical Center Isolate 04001)
- *Yersinia enterocolitica* (ATCC 23715)

Antibiotic-Resistant Bacteria

- (CA-MRSA) Community Associated Methicillin resistant *Staphylococcus aureus* (CA-MRSA USA400 NRS 123, CA-MRSA USA300 NRS 384)
- (MRSA) Methicillin resistant *Staphylococcus aureus* (ATCC 33593)

- (MRSE) Methicillin resistant *Staphylococcus epidermidis* (ATCC 51625)
- (VISA) Vancomycin intermediate resistant *Staphylococcus aureus* (CDC isolate 99287)
- (VRE) Vancomycin resistant
- *Enterococcus faecalis* (ATCC 51575)

Virucidal

(Minutes contact time)

- Avian Influenza A H3N2 (2 min) (ATCC VR-2072)
- Avian Influenza A H9N2 (2 min) (Charles River Lab.)
- Bovine Viral Diarrhea Virus (BVDV) (5 min)
- Canine Parvovirus (10 min) (ATCC VR-2017)
- HIV-1 (associated with AIDS) (1 min) (Advanced Biotechnologies, Inc)
- Hepatitis A Virus (HAV) (10 min) (University of Ottawa)
- Hepatitis B Virus (HBV) (5 min)
- Hepatitis C Virus (HCV) (5 min)
- Norwalk virus (30 seconds)
- Feline Calicivirus (30 seconds)
- Human Coronavirus (2 minutes) (ATCC VR-740)
- Paramyxovirus (Mumps) (ATCC VR-1438) (3 min)

- Poliovirus Type 1 (10 min) (ATCC VR-1000)
- Rabies Virus (30 seconds) (CDC)
- Rhinovirus type 39 (3 min) (ATCC VR-340)
- Rotavirus (3 min) (University of Ottawa)
- SARS associated Coronavirus (2 min) (ZeptoMetrix)

Fungicidal

(10-minute contact time)

- Trichophyton mentagrophytes (Athlete's Foot Fungus)

Tuberculocidal

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

Product Specifications

(Typical Values)

Active Ingredients

- n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chlorides - 0.105%
- n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl ammonium chlorides - 0.105%

EPA Registration

EPA Reg. No. 1839-83-10350

Important Notice to User

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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