

Product Description

3M™ Quat Disinfectant Cleaner Concentrate 5A is a concentrated product to be diluted and dispensed using the 3M™ Flow Control System Wall Mount Dispenser or the 3M™ Flow Control System Portable Dispenser.

3M™ Quat Disinfectant Cleaner Concentrates 5H and 5L are concentrated products to be diluted and dispensed using the 3M™ Twist 'n Fill™ Cleaning Chemical Management System.

This product is a concentrated, one-step, Hospital Use disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal*, including HIV-1, the AIDS Virus and Hepatitis B Virus and Hepatitis C Virus, fungicidal, and inhibits the growth of mold and mildew, and their odors, when used as directed.

The ready-to-use product contains 848 ppm quat. The product is a proven "one-step" disinfectant/cleaner/fungicide/mildewstat/virucide* that is effective in water up to 200 ppm hardness in the presence of 5% serum contamination. This product is a disinfectant that cleans, disinfects and deodorizes in one labor-saving step.

Applications

For hospital, institutional and industrial use

Use on washable, hard, nonporous surfaces of floors, walls, countertops, sinks, garbage cans, tables, chairs, telephones, bathtubs, urinals, toilet bowls, and other hard, nonporous surfaces made of metal, glazed ceramic, plastic and stainless steel.

Packaging

3M™ Quat Disinfectant Cleaner Concentrate 5A

- 0.5 gallon bottle
- 4 bottles per case

Each 0.5 gallon typically yields 128 ready-to-use gallons (1:256 dilution ratio).

3M™ Quat Disinfectant Cleaner Concentrate 5H and 5L

- 0.528 gallon bottle
- 6 bottles per case

Each 0.528 gallon bottle yields 127 ready-to-use gallons (1:256 dilution ratio).

General Use Directions

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

Refer to ready-to-use SDS for personal protective equipment (PPE) recommendations.

Dilute 3M™ Quat Disinfectant Cleaner Concentrate 5A using the 3M™ Flow Control System Dispenser into a properly labeled bottle or mop bucket.

Dilute 3M™ Quat Disinfectant Cleaner Concentrate 5L/5H using the 3M™ Twist 'n Fill™ dispenser into a property labeled bottle of mop bucket.

Quick Links

[Resource Library](#)
[Safety Data Sheets \(SDS\)](#)
[Video Library](#)

Some of these links lead to web-based resources that are not product-specific.

Bactericidal Stability of Use-Dilution

Tests confirm that the use-dilution of this product, when stored in a sealed container such as a spray bottle, remains effective for up to 1 year. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the use-dilution does not apply to open containers such as buckets or pails.

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. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

Disinfection/Virucidal*/Fungicidal/Mold and Mildew Control Directions

Apply use-dilution to hard, non-porous surfaces, thoroughly wetting the surface with a cloth, mop, sponge, sprayer, or by immersion. Treated surfaces should remain wet for 10 minutes.

Wipe dry with a cloth, sponge, mop or allow to air dry. For heavily soiled areas, a preliminary cleaning is required. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface; rub with a brush, sponge or cloth. Do not breathe in spray. Rinse all surfaces that come in contact with food, such as countertops, exteriors of appliances, tables and stovetops with potable water before reuse.

Do not use on utensils, glassware and dishes.

KILLS HIV AND HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD OR BODY FLUIDS

in health care settings 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) or Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

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

- 17-9553-3 (Concentrate)
- 17-9600-2 (RTU)



3M™ Quat Disinfectant Cleaner Concentrates 5A, 5H and 5L

Special instructions for cleaning and decontamination against HIV-1 or HBV or HCV on surfaces/objects soiled with blood/body fluids:

Personal Protection: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, and eye coverings.

Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

Contact Time: Leave surface wet for 60 seconds for HIV-1 and 10 minutes for HBV and HCV with 1/2 oz. per gallon use-dilution. Use a 10-minute contact time for disinfection against all other viruses, bacteria and fungi claimed.

Disposal of Infectious Material: Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

Veterinary Practice/Animal Care/Animal Laboratory/Zoos/Pet Shops/Kennel Disinfection/[Virucidal] Directions: For cleaning and disinfecting hard nonporous surfaces: equipment used for feeding or watering animals, utensils, instruments, cages, kennels, stables, catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings, and manure from floors, walls, and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 1/2 oz. of this product per gallon of water for a period of 10 minutes. Use 2 oz. per gallon of water to kill Adenovirus Type 5 and Type 7. Use 8 oz per gallon of water to kill Feline Panleukopenia Virus. For murine norovirus use dilution must be made with deionize water. Wipe or allow to air dry. Immerse all animal handling and restraining equipment as well as forks, shovels, and scrapers used to remove litter and manure. Thoroughly scrub all treated surfaces, then rinse all surfaces that come in contact with food, including equipment used for feeding or watering, with potable water before reuse. Ventilate buildings, animal enclosures and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set, or dried.

Non-Acid Toilet Bowl and Urinal Disinfectant/Cleaner

Directions: Remove gross filth prior to disinfection. From use-dilution, empty toilet bowl or urinal and apply 1/2 oz. per gallon use-dilution to exposed surfaces and under the rim with a cloth, mop, sponge, or mechanical spray. Allow to stand for 10 minutes and flush.

To clean and deodorize: Use 1/2 oz. of this product per gallon of water to clean and deodorize surfaces. Apply using a cloth, mop, sponge or sprayer. Wipe or allow to air dry.

For fungicidal activity: This product is an effective fungicide against *Trichophyton mentagrophytes* (the Athlete's Foot fungus) in areas such as locker rooms, dressing rooms, shower and bath areas, and exercise facilities. Dilute at 1/2 oz. per gallon in 200 ppm hard water and allow surface to remain wet for 10 minutes.

For mold and mildew: At 1/2 oz. per gallon of water, this product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

To Sanitize Soft Surfaces: Mix 1/2 oz. per gallon of water, 1:256. Apply use-solution with a sprayer. Hold bottle 6 to 8" from surface and spray until fabric is wet. Fabric must remain wet for 5 minutes. Allow fabric to Air dry. Heavily soiled areas must be cleaned prior to sanitizing.

Efficacy

When diluted using the 3M™ Twist 'n Fill™ Cleaning Chemical Management System or 3M™ Flow Control System Dispenser, 3M™ Quat Disinfectant Cleaner is a Hospital Use disinfectant; Bactericidal according to the current AOAC Use-Dilution Test Method and Virucidal* according to the virucidal qualification modified in the presence of 200 ppm hard water plus 5% organic serum and found to be effective against the following microorganisms:

Bacteria

- *Acinetobacter baumannii*
- *Brevibacterium amoniagenes*
- *Burholderia cepacia*
- *Campylobacter jejuni*
- *Enterobacter aerogenes*
- *Enterobacter cloacae* NDM-1 positive
- *Enterococcus faecalis* (*Enterococcus*)
- *Enterococcus faecalis* - Vancomycin Resistant (VRE)
- ESBL *Escherichia coli* - (Extended spectrum beta-lactamase producing *E. coli*)
- *Escherichia coli* (*E. coli*)
- *Escherichia coli* - New Delhi Metallo-Beta Lactamase (NDM-1)
- *Klebsiella pneumoniae*
- *Klebsiella pneumoniae* - NDM-1 positive
- *Legionella pneumophila*
- *Listeria monocytogenes*
- *Pseudomonas aeruginosa*
- *Salmonella enterica*
- *Salmonella schottmuelleri*
- *Salmonella typhi*
- *Serratia marcescens*
- *Shigella dysenteriae*
- *Staphylococcus aureus*
- *Staphylococcus aureus* - Community Associated Methicillin Resistant (CA-MRSA)
- *Staphylococcus aureus* - MDR (Multi-Drug Resistant)
- *Staphylococcus aureus* - VISA (Vancomycin Intermediate Resistant)
- *Streptococcus pyogenes*
- *Vibrio cholerae*

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Viruses

- *Adenovirus Type 5
- *Adenovirus Type 7
- *Hepatitis B Virus (HBV)
- *Hepatitis C Virus (HCV)
- *Herpes Simplex Virus Type 1
- *Herpes Simplex Virus Type 2
- *HIV-1 (AIDS virus)
- *Human Coronavirus
- *Influenza Type A/Brazil
- *Murine Norovirus
- *Norwalk virus - Feline Calicivirus (Norovirus)
- *Respiratory Syncytial Virus (RSV)
- *Rotavirus
- *SARS Associated Coronavirus
- *Vaccinia (Pox Virus)

Animal Viruses

- Avian Influenza Virus H3N2
- Avian Influenza Virus H5N1
- Avian Infectious Bronchitis Virus
- Canine Distemper Virus
- Feline Calicivirus
- Feline Panleukopenia Virus
- Murine Norovirus
- Newcastle's Disease Virus
- Pseudorabies Virus

Fungi

- *Aspergillus fumigatus*
- *Aspergillus niger*
- *Trichophyton mentagrophytes* (the Athlete's Foot Fungus)

EPA Registration

- EPA Reg. No. 6836-78-10350
- EPA Est. No. 10350-WI-001

Health and Safety

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to 3M.com/SDS, or by mail or in case of an emergency, call 1-888-364-3577 or 1-651-737-6501. When using any equipment, always follow the manufacturers' instructions for safe operation.

Commercial Solutions

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St. Paul, MN 55144

1-800-328-0033
3M.com/Facility

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Technical Information

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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.

Warranty

3M warrants that each 3M product will be free from defects in material and manufacture for 90 days from the date of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Limited Remedy

If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

No Extension of Warranty

In the case of an approved warranty claim, the replacement Product will carry only the remaining term of the original warranty period.

Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

