

Product Description

3M™ MBS Disinfectant Cleaner Concentrate is a concentrated one-step, hospital-use disinfectant cleaner that is effective against a broad spectrum of bacteria and is virucidal* including HIV-1, the AIDS Virus, Hepatitis B Virus, and Hepatitis C Virus when used according to disinfection directions. Also, effective against SARS-Related Coronavirus 2 SARS-CoV-2 in 1 minute.

3M™ MBS Disinfectant Cleaner Concentrate, 42A is a concentrated product to be diluted and dispensed using only the 3M™ Flow Control System Wall Mount Dispenser or the 3M™ Flow Control System Portable Dispenser.

3M™ MBS Disinfectant Cleaner Concentrate, 42H and 42L are concentrated products to be diluted and dispensed using only the 3M™ Twist 'n Fill™ Cleaning Chemical Management System.

Use

Use on washable, hard, nonporous surfaces of tablet computers, countertops, floors, showers, tables, toilets, walls, non-critical medical equipment surfaces, beds, and other hard nonporous surfaces made of glazed ceramic, metal, plastic, stainless steel, and finished woodwork.

Applications

For hospitals, institutional and industrial use

Use this product on hard non-porous surfaces in clinics, dental offices, healthcare facilities, hospitals, medical offices, medical related facilities, nursing homes, cafeterias, restaurants, athletics facilities, business and office buildings, correctional facilities, hotels, schools, kennels, veterinary clinics, airports, ships and transportation terminals.

Packaging

3M™ MBS Disinfectant Cleaner Concentrate, 42A

- 0.5-gallon bottle
- 4 bottles per case

Each 0.5-gallon bottle makes 110 ready-to-use gallons (typical yield).

3M™ MBS Disinfectant Cleaner Concentrate, 42H and 42L

- 0.528-gallon bottle
- 6 bottles per case

Each 0.528-gallon bottle makes 123 ready-to-use gallons (typical yield).

General Use Directions

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

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected.

Quick Links

[Resource Library](#)

[Safety Data Sheets \(SDS\)](#)

[Video Library](#)

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

Preparation of Disinfectant Use-Solution: Add 1/2 oz. per gallon of water.

Use clean solution effective for up to 1 year after dilution when stored in a sealed container.

The product is effective in one step against *Candida albicans* at 1/2 oz. per gallon in 250 ppm hard water and 5% serum. Treated surfaces must remain wet for 5 minute contact time.

Bactericidal stability of use-dilutions:

Tests confirm that the use solution of this product, when stored in a sealed container such as a spray bottle, remains effective for up to 1 year at the indicated bactericidal contact time. If the 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.

Disinfection/Virucidal Directions

Apply use-solution to hard, nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion. Treated surfaces must remain wet for 5 minutes. For SARS-CoV-2, treated surfaces must remain visibly wet for 1 minute. Wipe dry with a cloth, sponge or 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 spray.

Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes.

To disinfect food processing facilities: Spray surfaces with solution and allow to remain wet for 5 minutes. Rinse food contact surfaces with potable water prior to reuse.

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 pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

*KILLS HIV AND HBV AND HCV ON PRE-CLEANED 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 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] or Hepatitis C Virus [HCV].

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

Personal Protection: Cleanup must always be done wearing protective gloves, gowns, masks and eye protection.

Cleaning Procedure: Blood and other body fluids containing HIV-1 or HBV or HCV must be thoroughly cleaned from surfaces and objects before application of this product.

Contact Time: Leave surface wet for 5 minutes with a 1/2 oz. per gallon use solution.

Disposal of Infectious Material

Blood, body fluids, cleaning materials and clothing must be disposed of according to local regulations for infectious waste disposal.

Non-acid toilet bowl and urinal disinfectant/cleaner directions: Remove gross filth prior to disinfection. From Use Solution: Add 1/2 oz. of product to toilet water. Brush or swab thoroughly; allow to stand for 5 minutes and flush.

For use on finished floors: To limit gloss reduction use this product at 1/2 oz. per gallon. Apply with a damp mop, spray mop system or auto scrubber or spray. Allow surface to remain wet for 5 minutes. Wipe or allow to air dry.

Veterinary practice/animal care/animal laboratory/zoos/pet shop/kennels 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 [or equivalent dilution] for a period of 5 minutes. 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. Rinse all surfaces that come in contact with food, including equipment used for feeding or watering, with potable water before reuse. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

Deodorizing Directions:

Nursing homes, hospitals, hotels, schools, restaurants: Using 1/2 oz. per gallon in chemical toilets, waste receptacles, bed pans, drainage bottles, diaper pails, hampers, disposals, commodes and air conditioner pans will eliminate odors.

Mopping solutions, automatic scrubbers: Use 1/2 oz. per gallon per gallon of cleaning solution eliminates undesirable odors.

Effective in hard water up to 250 ppm hardness (calculated as CaCO₃) in the presence of 5% serum contamination.

Efficacy

This product is a one-step 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 250 ppm hard water plus 5% organic serum against:

5 minute contact time:

Bacteria

Acinetobacter baumannii

Enterobacter aerogenes

Enterobacter cloacae NDM-1 - Carbapenem Resistant [CRE]

Escherichia coli [E. coli]

Escherichia coli O157:H7 [E. coli O157:H7]

Escherichia coli - Extended Spectrum Beta Lactamase producing [ESBL E. coli]

Escherichia coli NDM-1 - Carbapenem Resistant[CRE]

Enterococcus faecalis - Vancomycin resistant [VRE]

Klebsiella pneumoniae

Klebsiella pneumoniae - Extended Spectrum Beta Lactamase producing *Klebsiella pneumoniae* NDM-1 - Carbapenem Resistant [CRE]

Pseudomonas aeruginosa

Salmonella enterica

Staphylococcus aureus

Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] (NRS384) (USA300)

Staphylococcus aureus - Methicillin-Resistant [MRSA]

Staphylococcus aureus - Vancomycin Resistant - [VRSA]

Staphylococcus aureus- Vancomycin Intermediate Resistant- [VISA]

Listeria monocytogenes

Legionella pneumophila

Streptococcus pyogenes

Human Viruses

- *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 A Virus (H7N9)
- *Influenza A Virus/Hong Kong [Influenza]
- *Norwalk Virus - Norovirus
- *Respiratory Syncytial Virus [RSV]
- *SARS associated Coronavirus [SARS]
- *SARS Related Coronavirus 2 [SARS-CoV-2][Cause of COVID-19]
- *Rotavirus, Strain WA
- *Vaccinia Virus [Pox Virus]

Animal Viruses

- Avian Influenza (H5N1)
- Feline Calicivirus

Fungi

- Candida albicans*

EPA Registration

EPA Reg. No. 6836-361-10350

EPA Est. No. 75521-WI-002

This product contains no phosphates or phosphorous compounds.

NOTE: Refer to product Safety Data Sheets for specific health hazard, first aid and precautionary information.

38-1445-6 (Concentrate)

38-2037-0 (RTU)

Health and Safety

CAUTION

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](https://www.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.

Technical Information

The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information. If you have questions about this Product, contact the **Customer Service Department at 1-800-626-8578**.

Product Selection and 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. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer

Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability

Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Commercial Solutions

3M Center, Building 220-12E-04
St. Paul, MN 55144

1-800-626-8578
3M.com/Facility

© 3M 2021. All rights reserved.
3M and Twist 'n Fill are trademarks of 3M.
Used under license in Canada.
All other trademarks are property of their respective owners.
Revision C, April 2021 Please recycle.

3M Science.
Applied to Life.™