

Quick Links[Facilities Website](#)[Safety Data Sheets \(SDS\)](#)

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

Product Description

3M™ C. diff Solution Tablets is a concentrated product to be diluted with water.

This product is a concentrated tablet disinfectant cleaner for Hospital Use that, when used as directed per the product label, is effective against *Clostridioides difficile* and a broad spectrum of bacteria. This product is also virucidal and effective against HIV-1, Hepatitis A, Hepatitis B and Hepatitis C in 1 minute.

This product is a broad spectrum disinfectant that is effective against *Clostridioides difficile* spores in 4 minutes.

Applications

- Hospitals, institutional and industrial use
- Hard, nonporous surfaces in commercial, institutional and hospital premises; kitchens; bathrooms; sick rooms; laundry rooms; eating establishments; pet kennels and veterinary premises
- Can be applied using spray, mop, wipe, cloth, sponge, brush, coarse trigger sprayer or coarse mechanical sprayer

Packaging

Tablets are packaged in strip packs of 4 tablets or bulk loose tablet format.

Strip packs of 4 tablets:

Quart size: 140 tablets/container, 3.3 grams/tablet

Gallon size: 140 tablets/container, 13.1 grams/tablet

Each quart-size container yields 35 ready-to-use quarts (4306 ppm solution).

Each gallon-size container yields 35 ready-to-use gallons (4306 ppm solution).

Bulk loose tablet format:

Quart size: 200 tablets/container, 3.3 grams/tablet

Gallon size: 100 tablets/container, 13.1 grams/tablet

Each quart-size container yields 50 ready-to-use quarts (4306 ppm solution).

Each gallon-size container yields 25 ready-to-use gallons (4306 ppm solution).

General Use Directions

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read the entire label and use strictly in accordance with precautionary statements and directions.

Refer to Safety Data Sheet (SDS) for personal protective equipment (PPE) recommendations. Dispense 3M™ C. diff Solution Tablets into a properly labeled container. Refer to product label for full directions for use. Prepare a fresh solution daily or if solution becomes diluted. Follow specific Directions for Use and Usage Table and Dilution Chart when preparing solution. Do not use hot water for solution preparation.

All treated equipment that will contact food, feed or drinking water must be rinsed with potable water before reuse.

Dilution Charts

Quart Size

3.3 Gram Tablet		
Solution ppm, (mg/L) Available Chlorine	Tablets	Quarts of Water
538	1	2
1,076	1	1
2,153	2	1
4,036	4	1
5,382	5	1

Gallon Size

13.1 Gram Tablet		
Solution ppm, (mg/L) Available Chlorine	Tablets	Gallons of Water
538	1	2
1,076	1	1
2,153	2	1
4,036	4	1
5,382	5	1

Efficacy

When diluted and used according to directions contained on the product label, 3M™ C. diff Solution Tablets is a Hospital Use disinfectant and kills the following organisms on hard, non-porous, inanimate surfaces:

Usage Table

Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Disinfection Claims – bacteria		
<i>Staphylococcus aureus</i> (ATCC 6538)	1076 ppm	10 minutes
	4306 ppm	4 minutes
<i>Staphylococcus aureus</i> – methicillin resistant (MRSA) & glycopeptide-resistant (GRSA) (ATCC 33592)	1076 ppm	10 minutes
	4306 ppm	4 minutes
<i>Staphylococcus epidermidis</i> (ATCC 51624)	1076 ppm	10 minutes
<i>Salmonella enterica</i> (ATCC 10708)	1076 ppm	10 minutes
	4306 ppm	4 minutes
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	1076 ppm	10 minutes
	4306 ppm	4 minutes
<i>Streptococcus pneumoniae</i> (ATCC 6305)	4306 ppm	4 minutes
<i>Escherichia coli</i> O157:H7 (ATCC 35150)	1076 ppm	10 minutes
<i>Acinetobacter baumannii</i> (ATCC BAA-1709)	4306 ppm	4 minutes
Vancomycin resistant <i>Enterococcus faecalis</i> (ATCC 51575)	1076ppm	10 minutes
	4306 ppm	4 minutes
Carbapenem resistant <i>Klebsiella pneumoniae</i> (ATCC BAA-1705)	4306 ppm	4 minutes
<i>Klebsiella pneumoniae</i> (ATCC 4352)	1076 ppm	10 minutes

Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Virucidal Claims †		
SARS Associated Coronavirus 2 (SARSCoV-2) Strain Isolate USA-WA1/2020†	1076 ppm	4 minutes
Respiratory syncytial virus† (ATCC VR-26)	538 ppm	10 minutes
Rhinovirus Type 14† (ATCC VR-284)	1076 ppm	10 minutes
Influenza A Virus H1N1† (ATCC VR-99)	1076 ppm	10 minutes

Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Virucidal Claims †		
Human Immunodeficiency Virus Type 1 (HIV-1) † (Strain IIIB)	1076 ppm	10 minutes
	4306 ppm	1 minute
Hepatitis A virus† (Strain HM175/18f)	1076 ppm	10 minutes
	4306 ppm	1 minute
Hepatitis B virus† (Duck Hepatitis B virus (DHBV))	1076 ppm	10 minutes
	4306 ppm	1 minute
Hepatitis C virus† (Bovine Viral Diarrhea Virus Strain NADL – surrogate for Hepatitis C virus)	1076 ppm	2 minutes
	4306 ppm	1 minute
Avian Influenza A Virus (H5N1)† (CDC #2006719965)	4306 ppm	1 minute
Norovirus † (ATCC VR-782)	2153 ppm	1 minute
Poliovirus Type 1 † (ATCC VR-1000)	1076 ppm	10 minutes
Coxsackievirus Type B3† (ATCC VR-30)	4306 ppm	1 minute
Herpes simplex virus type 1 † (ATCC VR-733)	1076 ppm	10 minutes

Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Fungicidal/Yeasticidal Claims		
<i>Aspergillus fumigatus</i> (ATCC 36607)	4306 ppm	1 minute
<i>Candida albicans</i> (ATCC 10231)	4306 ppm	4 minutes
<i>Candida auris</i> (CDC AR-0381)	4306 ppm	2 minutes
<i>Trichophyton interdigitale</i> (ATCC 9533)	1076 ppm	10 minutes

Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Clostridioides difficile Claims		
<i>Clostridioides difficile</i> spores formerly <i>Clostridium difficile</i> (ATCC 43598)	2153 ppm	10 minutes
	4306 ppm	4 minutes

Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Mycobactericidal Claims		
<i>Mycobacterium bovis</i> (TB) (ATCC 35743)	5382 ppm	4 minutes

i IMPORTANT NOTE

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 blood stream 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.

General Solution Application:

Apply use solution to hard, non-porous, inanimate surfaces with brush, spray device, sponge, cloth, or mop to wet all surfaces thoroughly. Allow to remain wet for contact time as indicated in the Usage Table, then remove product by wiping with brush, sponge, or cloth or allow to air dry. For sprayer applications using a spray device, spray at appropriate distance from surface depending on sprayer type. Allow surface to remain wet for contact time as indicated in the Usage Table, then remove product by rubbing with brush, sponge, wipe or cloth or allow to air dry. Do not breathe spray mist. Before using this product, food products and packaging materials must be removed from the room or carefully protected.

General Solution Application with pre-clean:

Apply use solution to pre-cleaned hard, non-porous, inanimate surfaces with brush, spray device, sponge, cloth, or mop to wet all surfaces thoroughly. Allow to remain wet for contact time as indicated in the Usage Table, then remove product by wiping with brush, sponge, or cloth or allow to air dry. For sprayer applications using a spray device, spray at appropriate distance from surface depending on sprayer type. Allow surface to remain wet for contact time as indicated in the Usage Table, then remove product by rubbing with brush, sponge, wipe or cloth or allow to air dry. Do not breathe spray mist. Before using this product, food products and packaging materials must be removed from the room or carefully protected.

HEALTHCARE AND GENERAL DISINFECTION PERFORMANCE

This product is a Hospital Use Disinfectant. As a Healthcare disinfectant it is effective against standard Gram positive and Gram negative bacteria (*Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Salmonella enterica*), Cold and flu viruses† (respiratory syncytial virus†, and Influenza Virus H1N1†). Refer to Usage Table for the appropriate doses and contact times.

HEALTHCARE AND GENERAL DISINFECTION DIRECTIONS:

Prepare a 538 ppm solution; refer to Dilution Chart. Apply solution as directed under “General Solution Application with pre-clean”.

This product is effective as a Healthcare and General disinfectant for micro-organisms and blood borne viruses† when used at the

dose and contact time as indicated in the Usage Table or at a level of 1076 ppm available chlorine disinfectant solution. It is effective against, Human Immunodeficiency Virus Type 1 (HIV-1)†, Hepatitis B Virus†, Hepatitis A Virus†, vancomycin-resistant *Enterococcus faecalis*, *Trichophyton interdigitale*, *Klebsiella pneumoniae*, *Staphylococcus epidermidis*, *Streptococcus pneumoniae*, *Escherichia coli O157:H7*, *Staphylococcus aureus* – methicillin-resistant (MRSA) and glycopeptide-resistant (GRSA), Poliovirus type 1†, Rhinovirus Type 14†, Herpes simplex virus type 1†, and Norovirus†, with a 10 minute contact time; Re-apply product as necessary to ensure surface remains wet. This product is also effective as a Healthcare disinfectant for blood borne viruses (HIV-1†, Hepatitis A Virus†, Hepatitis B Virus† and Hepatitis C Virus†) when used at the dosage and contact time as detailed in the Usage Table or when used at a level of 4306 ppm available chlorine disinfectant solution with a 1 minute contact time, in 5% organic soil load.

HEALTHCARE DISINFECTION/VIRUCIDAL† DIRECTIONS:

Prepare solution strength as required, refer to Usage Table for correct doses and contact times; refer to Dilution Chart for solution preparation. Apply solution as directed under “General Solution Application with pre-clean”.

KILLS HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (HIV-1), HEPATITIS A VIRUS, HEPATITIS B VIRUS AND HEPATITIS C VIRUS 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)†. Kills Human Immunodeficiency Virus Type 1 (HIV-1)†, Hepatitis A†, and Hepatitis B virus† at 1076 ppm active chlorine solution in 10 minutes. Kills Human Immunodeficiency Virus Type 1 (HIV-1)†, Hepatitis A Virus†, Hepatitis B Virus† and Hepatitis C Virus† at 4306 ppm active chlorine solution in 1 minute. Refer to Usage Table for correct doses and contact times. Refer to Dilution Chart for solution preparation.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (HIV-1) OF 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 3M™ C. diff Solution Tablets. This cleaning process may be accomplished with any cleaning solution, including 3M™ C. diff Solution Tablets.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

CONTACT TIME: Leave surfaces wet for 10 minutes when using a 1076 ppm solution. Leave surfaces wet for 1 minute when using a 4306 ppm solution. Refer to Usage Table for correct doses and contact times. Refer to Dilution Chart for solution preparation.

DISINFECTION FOR SURFACES CONTAMINATED WITH CLOSTRIDIoidES DIFFICILE

Special Label Instructions for Cleaning Prior to Disinfection against Clostridioides difficile spores: Personal Protection: Wear appropriate barrier protection such as gloves, gowns, masks or eye coverings.

Cleaning Procedure: Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with a clean cloth, mop and/or sponge saturated with the disinfectant product. Cleaning is to include vigorous wiping and/or scrubbing, until all visible soil is removed. Special attention is needed for high-touch surfaces. Surfaces in patient rooms are to be cleaned in an appropriate manner, such as from right to left or left to right, on horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading of the spores. Restrooms are to be cleaned last. Do not reuse soiled cloths.

Infectious Materials Disposal: Materials used in the cleaning process that may contain feces/wastes are to be disposed of immediately in accordance with local regulations for infectious materials disposal.

Directions for Use: Prepare a 4306 ppm solution; refer to Dilution Chart. Prepare the appropriate solution strength by referring to Usage Table. Refer to Dilution Chart for solution preparation.

Add 4 tablets to 1 gallon of water. Apply solution as directed under “General Solution Application with pre-clean”.

GENERAL DISINFECTION WITHOUT PRECLEAN

3M™ C. diff Solution Tablets is a healthcare disinfectant when used at a level of 4,306 ppm available chlorine disinfectant solution. It is effective against Norovirus†, Coxsackievirus† and Aspergillus fumigatus with a 1-minute contact time. It is effective against *Salmonella enterica*, *Staphylococcus aureus*, *Pseudomonas aeruginosa*, carbapenem-resistant *Klebsiella pneumoniae*, *Acinetobacter baumannii*, vancomycin-resistant *Enterococcus faecalis*, *Staphylococcus aureus*-methicillin-resistant (MRSA) and glycopeptide-resistant (GRSA), *Streptococcus pneumoniae* and *Candida albicans* with a 4 minute contact time.

GENERAL DISINFECTION WITHOUT PRECLEAN DIRECTIONS: Prepare 4,306 ppm solution; refer to Dilution Chart. Add 4 tablets to 1 gallon of water. Apply solution as directed under “General Solution Application”.

This product is also effective as a Healthcare disinfectant for critical areas potentially contaminated with *Mycobacterium bovis* (TB) when used at the dosage and contact as detailed in the Usage Table or when used at a level of 5382 ppm available chlorine disinfectant solution. A 4-minute contact time is required.

DISINFECTION FOR SURFACES CONTAMINATED WITH MYCOBACTERIUM BOVIS (TB) IN 4 MINUTES AT 20°C (68°F)

Special Label Instructions for Cleaning Prior to Disinfection

against Mycobacterium bovis (TB): This product when used as directed below is effective against *Mycobacterium bovis*. This product can be used on hard non-porous surfaces in commercial institutional hospital and other premises (including kitchens, bathrooms, sick rooms, laundry rooms, eating establishments, pet kennels, and veterinary premises). To disinfect hard non-porous surfaces first clean surface by removing gross filth (loose dirt debris, food material, etc). Prepare a 5,382 ppm available chlorine solution. Thoroughly wet surface with the solution and allow it to remain in contact with the surface for 4 minutes. Allow to air dry.

This product is also effective as a Healthcare disinfectant for critical areas potentially contaminated with *Candida auris* when used at a level of 4306 ppm available chlorine disinfectant solution. A 2 minute contact time is required.

Special Label Instructions for Cleaning Prior to Disinfection against Candida auris:

Personal Protection: Wear appropriate barrier protection such as gloves, gowns, masks, or eye covering.

Cleaning Procedure: Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with a clean cloth, mop, and/or sponge saturated with the product. Pre-cleaning is to include vigorous wiping and/or scrubbing and all visible soil is removed. Surfaces in patient rooms are to be cleaned in an appropriate manner, such as from right to left or left to right, on horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading of the organism. Restrooms are to be cleaned last. Do not reuse soiled cloths.

Infectious Waste Disposal: Materials used in the cleaning process that may contain feces/wastes are to be disposed of immediately in accordance with local regulations for infectious materials disposal.

POOLS FOR SUPERCHLORINATION

The pool water should be superchlorinated or shocked every seven days or whenever the combined chlorine level is above 0.5 ppm (mg/L). Combined chlorine is the difference between total and free chlorine, as measured by a suitable test kit. Add a sufficient amount of an appropriate shock product, such as this product directly to the circulating water as outlined below to raise the available chlorine level to 5-6 ppm (mg/L), based on test kit readings. If the combined chlorine reading is not below 0.5 ppm (mg/L), repeat the shock treatment described above. The addition of 50 tablets (to be used only for 13.1 g tablet) per 10,000 gallons of water will provide approximately 5 ppm (mg/L) of available chlorine. If the combined chlorine reading is not below 0.5 ppm (mg/L) and the water has not been restored to its normal clarity, repeat the shock treatment described above. Reentry into treated swimming pools is prohibited above levels of 4 ppm chlorine.

 **IMPORTANT NOTE**

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

Tablets: 35-7888-7

Use Solution: 35-9011-4

Product Specifications (Typical Values)

Active Ingredients: Sodium dichloro-s triazinetrione 48.21%*

Other Ingredients: 51.79%

* = Equivalent to 31.10% active chlorine by tablet weight. Refer to dilution chart for Available Chlorine concentrations.

EPA Registration

EPA Reg. No. 71847-6-10350

EPA Est. No. 71847-IRL-001

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.

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Commercial Solutions

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

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

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