

USAGE TABLE

Pathogen	Minimum Dose Required (ppm)	Minimum Contact Time Required (minutes)
Food Contact Sanitizer Claims		
<i>Staphylococcus aureus</i> , <i>Salmonella enterica</i>	100 ppm	1 minute
Disinfection Claims – Bacteria		
<i>Salmonella enterica</i>	538 ppm	10 minutes
<i>Escherichia coli</i> O157:H7, <i>Klebsiella pneumoniae</i> , <i>Staphylococcus epidermidis</i> , <i>Staphylococcus aureus</i> , <i>Staphylococcus aureus</i> – methicillin resistant (MRSA) & glycopeptide resistant (GRSA), Vancomycin resistant <i>Enterococcus faecalis</i>	1076 ppm	10 minutes
<i>Acinetobacter baumannii</i> , <i>Pseudomonas aeruginosa</i> , <i>Streptococcus pneumoniae</i>	4306 ppm	4 minutes
Virucidal¹ Claims		
Respiratory syncytial virus ¹ , Influenza A Virus H1N1 ¹	538 ppm	10 minutes
Rhinovirus Type 14 ¹ , Poliovirus Type 1 ¹ , Herpes simplex virus type 1 ¹	1076 ppm	10 minutes
Norovirus ²	2153 ppm	1 minute
Human Immunodeficiency Virus Type 1 (HIV-1) ³ , Hepatitis A virus ⁴ , Hepatitis B virus ⁴ , Hepatitis C virus ⁴ , Coxsackievirus Type B3 ⁴ , Avian Influenza A Virus (H5N1) ⁴	4306 ppm	1 minute
Fungicidal/Yeastical Claims		
<i>Trichophyton interdigitale</i>	1076 ppm	10 minutes
<i>Aspergillus fumigatus</i>	4306 ppm	1 minute
Animal Pathogens		
Canine Parvovirus ⁵ , Newcastle Disease Virus ⁵ , Pseudorabies ⁵ , Canine Distemper virus ⁶ , Infectious Canine hepatitis ⁶ , Teschen/Taifan disease ⁶ , Porcine parvovirus ⁷ , Runtling & Stunting virus (tenosynovitis) ⁸ , <i>Actinobacillus pleuropneumoniae</i> ⁹ , <i>Bordetella bronchiseptica</i> (rhinitis) ⁹ , <i>Brachyspira</i> (Treponema/Serpulina) ¹⁰ , Hyodysenteriae (swine dysentery) ¹¹ , Gumboro disease ¹² , Porcine epidemic diarrhea virus ¹³ , <i>Streptococcus uberis</i> ¹⁴	1076 ppm	10 minutes
Transmissible gastroenteritis (TGE) ¹⁵ , Swine Vesicular disease ¹⁶ , African swine fever ¹⁷ , Hog cholera/Classical swine fever ¹⁸ , Avipox (fowl pox) ¹⁹	1076 ppm	30 minutes
Feline Calicivirus ²⁰	2153 ppm	1 minute
Avian influenza virus ²¹ , Bovine Viral Diarrhea Virus ²²	4306 ppm	1 minute

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.
PESTICIDE STORAGE: Store in a cool, dry, well-ventilated area at a temperature below 40°C/104°F. Avoid moisture getting into container. **PESTICIDE DISPOSAL:** Pesticide may be acutely hazardous. Wastes resulting from the use of this product must be disposed of on-site, or at an approved waste disposal facility. **CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill.

USAGE TABLE (continued)

Pathogen	Minimum Dose Required (ppm)	Minimum Contact Time Required (minutes)
Clostridium difficile Claims		
<i>Clostridium difficile</i> spores	4306 ppm	4 minutes
Mycobactericidal Claims		
<i>Mycobacterium bovis</i> (TB)	5382 ppm	4 minutes

¹Note: these organisms not approved by the state of California

DILUTION CHART

Solution ppm (mg/L) Available Chlorine	Tablets	Gallons of Water
100	1	5
538	1	1
1076	2	1
2153	4	1
4306	8	1
5382	10	1

• KILLS 99.9% OF VIRUSES¹ AND BACTERIA • FOOD CONTACT SANITIZER • NEUTRAL pH

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes, on skin, or clothing. Avoid breathing dust. Wear chemical-resistant gloves and safety glasses or face shield when making up solution. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED: Call a poison control center, or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IN THE EVENT OF A MEDICAL EMERGENCY CALL YOUR POISON CONTROL CENTER AT 1-800-222-1222.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

This product is for use in: •Hospitals, nursing homes, medical and dental offices and clinics, operating rooms, isolation wards, and medical research facilities. •Daycare centers and nurseries. •Veterinary clinics, animal life science laboratories, kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, and other animal care facilities. •Cosmetic, pharmaceutical, and medical device manufacturing facilities, biotechnology firms, pharmacies, and compounding pharmacies.

DIRECTIONS FOR USE

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.

General Solution Preparation: Prepare a fresh solution twice weekly (every 3 days) when using closed containers (spray bottles). Prepare a fresh solution daily when using open containers (buckets) 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.

This product is not for use on medical device surfaces.

DISINFECTION/VIRUCIDAL¹ DIRECTIONS:

Prepare solution strength as required, refer to Usage Table for correct doses and contact times; refer to Dilution Chart for solution preparation. 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. For sprayer applications using a spray device, spray at appropriate distance from surface depending on sprayer type (6 – 8 inches for spray bottles). Allow 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.

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*:
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. To disinfect hard non-porous surfaces, first clean surface by removing gross filth (loose dirt, debris, food materials 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.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION IN ANIMAL HOUSING FACILITIES:

1. Remove all animals and feed from premises, vehicles, and enclosures. **2.** Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. **3.** Empty all troughs, racks, and other feeding and watering appliances. **4.** Thoroughly clean all surfaces with soap or detergent and rinse with water. **5.** Saturate all surfaces with appropriate solution strength for the appropriate contact time, refer to Usage Table for correct dose and contact time, and to Dilution Chart for solution preparation. **6.** Remove all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. **7.** Ventilate buildings and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried. **8.** Thoroughly scrub all related feed racks, manglers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and allow to air dry before reuse.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST Human Immunodeficiency Virus Type 1 (HIV-1) OF SURFACES/OBJECTS SOILED WITH BLOOD OR BODY FLUIDS

PERSONAL PROTECTION: Screen 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 surface and objects before application of Cdiff DISINFECTANT TABLETS. This cleaning process may be accomplished with any cleaning solution including Cdiff DISINFECTANT 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 1 minute when using a 4306 ppm solution.

DISINFECTION FOR SURFACES CONTAMINATED WITH CLOSTRIDIUM DIFFICILE:

Special Label Instructions for Cleaning Prior to Disinfection against *Clostridium difficile* spores:

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 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 4,306 ppm solution; refer to Dilution Chart. Apply to pre-cleaned surface with mop, brush, sponge, brush, wipe, or mechanical sprayer. Allow surface to remain wet for 4 minutes. Allow to air dry.

SANITIZER FOR FOOD AND BEVERAGE PROCESSING AND FOOD HANDLING OPERATIONS: This product is recommended for sanitizing all types of hard, non-porous equipment and utensils used in food processing and handling plants, bottling plants, breweries, fish processing plants, meat and poultry processing plants, milk handling and processing plants, stores, restaurants, and institutional dining establishments. Use a 100 ppm available chlorine solution to sanitize previously cleaned processing and packaging equipment. Allow at least a one minute contact time before draining. Allow adequate draining before contact with beverages.

PHYSICAL OR CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Use only clean dry utensils. Mix only into water. Contamination with moisture, dirt, organic matter or other chemicals, or any other foreign matter may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. Avoid any contact with flaming or burning material such as a lighter or cigarette. Do not use this product in any chlorinating device which has been used with any inorganic or unstable chlorinating compounds (e.g., calcium hypochlorite). Such use may cause fire or explosion.



Nonfood Compounds
Program Listed D2
Registration No. 154798

0160.043018.CA

TOTAL SOLUTIONS[®]

Cdiff[™] DISINFECTANT TABLETS

Kills *C. diff* in 4 Minutes!

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for additional precautionary statements and first aid.
See inside panels for additional directions for use.
See inside panel for storage and disposal.

Active Ingredient:
Sodium dichloro-s-triazinetriene 48.21%*
Other Ingredients: 51.79%
Total 100.00%
* Equivalent to 31.10% active chlorine by tablet weight.
Refer to dilution chart for Available Chlorine concentrations.

EPA Reg. No. 71847-6-68562 EPA Est. 10088-WI-2

Net Contents: 120 Tablets
NET WT: 1.73 Lbs. (0.79 kg) Tablet Size: 6.55 g

Distributed By: Total Solutions[®]
PO Box 240014 • Milwaukee, WI 53224

