

DIRECTIONS FOR USE
HEALTHCARE FACILITIES

diffix+ Disinfectant Tablets is an effective sanitizer and disinfectant, when used at the dilution rates indicated, on visibly clean, hard, nonporous, inanimate surfaces in hospitals, nursing homes, medical and dental offices and clinics, operating rooms, isolation wards, and medical research facilities.

diffix+ Disinfectant Tablets is proven effective, when used according to the directions on this label, against Staphylococcus aureus, methicillin resistant Staphylococcus aureus (MRSA), Salmonella enterica, Pseudomonas aeruginosa, Clostridium difficile spores, Mycobacterium bovis (TB Surrogate) cold and flu viruses (respiratory syncytial virus, influenza H1N1), bloodborne pathogens including the Human Immunodeficiency Virus Type 1 (HIV-1), Hepatitis A virus, Hepatitis B virus, Hepatitis C virus, Norovirus, Adenovirus, Poliovirus and Canine Parvovirus (reference table below for doses and contact times)

USAGE TABLE (Doses and Contact Times):

Pathogen	Dose required (ppm)	Contact time required (minutes)
Food Contact Sanitizer Claims		
Staphylococcus aureus	100 ppm	1 minute
Salmonella enterica	100 ppm	1 minute
Disinfection Claims		
Staphylococcus aureus	a) 500 ppm	10 minutes
	b) 4000 ppm	2 minutes
Staphylococcus aureus + methicillin resistant (MRSA) & glycopeptideresistant (GRSA)	a) 1000 ppm	a) 10 minutes
	b) 4000 ppm	b) 2 minutes
Staphylococcus epidermidis	1000 ppm	10 minutes
Salmonella enterica	a) 500 ppm	10 minutes
	b) 4000 ppm	2 minutes
Pseudomonas aeruginosa	a) 500 ppm	10 minutes
	b) 2000 ppm	2 minutes
Streptococcus pneumoniae	4000 ppm	4 minutes
Escherichia coli O157:H7	1000 ppm	10 minutes
Multidrug resistant Acinetobacter baumannii	4000 ppm	2 minutes
Vancomycin resistant Enterococcus faecalis	4000 ppm	2 minutes
Carbapenem resistant Klebsiella pneumoniae	4000 ppm	2 minutes
Klebsiella pneumoniae	1000 ppm	10 minutes
Respiratory syncytial virus	500 ppm	10 minutes



Disinfectant - Sanitizer
For Use in Hospitals, Health Care Facilities
and Food Processing Facilities

maxill inc.
80 Elm Street, St. Thomas, ON N5R 6C8 Canada
DIN 02505630
LOT No.:
EXPIRY:
ITEM 60086
Questions? Comments?
1-800-268-8633 www.maxill.com

Table with 3 columns: Pathogen, Dose required (ppm), and Contact time required (minutes). It lists various pathogens like Influenza H1N1, HIV-1, Hepatitis A, B, C, and others, along with their respective disinfection doses and times.

NOTICE TO HEALTHCARE FACILITY USER: 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 visibly clean or decontaminate critical or semi-critical medical devices (e.g. surgical instruments, biopsy forceps, arthroscopes, laparoscopes, dental hand pieces, foot care instruments, ear syringe nozzles, pessary and diaphragm fitting rings; however, it is not to be used on endoscopes) prior to sterilization or high level disinfection using a dilution rate of 2000 ppm (refer to Dilution Chart). Instruments should also be rinsed well with potable water after cleaning/decontamination with the product, prior to sterilisation.

GENERAL DISINFECTION
For work surfaces, floors and walls in patient care areas, non-porous bed frames, mattresses, etc. Prepare the appropriate solution strength (refer to Usage Table and Dilution Chart). Clean surface then apply solution with mop, cloth, sponge, brush, wipe, foaming equipment, or coarse trigger sprayer. Allow surface to remain wet for the appropriate contact time (refer to Usage Table). Allow to air dry. Prepare a fresh solution weekly when using closed containers (spray bottles). Prepare a fresh solution daily when using open containers (buckets) or if solution becomes diluted. All treated equipment that will contact food or drinking water must be rinsed with potable water before reuse.

DISINFECTION/VIRUCIDAL DIRECTIONS
Prepare disinfectant solution of appropriate concentration: (refer to Dilution Chart and to Usage Table). Apply use solution to visibly clean, hard, non-porous, inanimate surfaces with brush, spray device, sponge, cloth, wipes or mop to wet all surfaces thoroughly. Allow to remain wet for the appropriate contact time (refer to Usage Table) and allow to air dry. For sprayer applications use a coarse spray device. Spray 15 - 20 centimetres (6-8 inches) from surface, and rub with brush, sponge, wipe or cloth. Do not breathe spray mist. Prepare a fresh solution weekly when using closed containers (spray bottles). Prepare a fresh solution daily when using open containers (buckets) or if solution becomes diluted. All treated equipment that will contact food or drinking water must be rinsed with potable water before reuse.

BLOODBORNE VIRAL PATHOGENS (HIV-1, HEPATITIS A, HEPATITIS B AND HEPATITIS C VIRUSES)
The special cleaning instructions listed below must be followed prior to disinfection: 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 which can be associated with the bloodborne pathogens including the human immunodeficiency virus Type 1 (HIV-1), Hepatitis A virus, Hepatitis B virus and Hepatitis C virus.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST BLOODBORNE

PATHOGENS 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 disinfection. This cleaning process may be accomplished with any cleaning solution including diffix+ Disinfectant Tablets.

DISPOSAL OF INFECTIOUS MATERIALS: Materials used in the cleaning process that may contain feces/wastes are to be disposed of immediately in accordance with provincial regulations for infectious materials disposal.

CLOSTRIDIUM DIFFICILE SPORES
Special 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: Faecal 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.

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

FOR A 10-MINUTE CONTACT TIME (also reference Usage Table):
Prepare a 2000 ppm solution: (refer to Dilution Chart). Clean surface then apply solution with mop, cloth, sponge, brush, wipe, foaming equipment, or coarse trigger sprayer. Allow surface to remain wet for 10 minutes. Allow to air dry. Prepare a fresh solution weekly when using closed containers (spray bottles). Prepare a fresh solution daily when using open containers (buckets) or if solution becomes diluted. All treated equipment that will contact food, or drinking water must be rinsed with potable water before reuse.

FOR A 4-MINUTE CONTACT TIME (also reference Usage Table):
Prepare a 4000 ppm solution: (refer to Dilution Chart). Clean surface then apply solution with mop, cloth, sponge, brush, wipe, foaming equipment, or coarse trigger sprayer. Allow surface to remain wet for 4 minutes. Allow to air dry. Prepare a fresh solution weekly when using closed containers (spray bottles). Prepare a fresh solution daily when using open containers (buckets) or if solution becomes diluted. All treated equipment that will contact food, or drinking water must be rinsed with potable water before reuse.

MYCOBACTERIUM BOVIS (TB Surrogate)
DISINFECTION (also reference Usage Table):
To disinfect hard nonporous surfaces first clean surface by removing gross filth (loose dirt, debris, food materials etc). Prepare a 5000 ppm available chlorine solution. (Refer to Dilution Chart). Clean surface then apply solution with mop, cloth, sponge, brush, wipe, foaming equipment, or coarse trigger sprayer. Allow surface to remain wet for 4 minutes. Allow to air dry. Prepare a fresh solution weekly when using closed containers (spray bottles). Prepare a fresh solution daily when using open containers (buckets) or if solution becomes diluted. All treated equipment that will contact food, feed, or drinking water must be rinsed with potable water before reuse.

DILUTION CHART

Table with 3 columns: Solution ppm (mg/L), Tablets, and Litres of Water. It shows the dilution ratios for different solution strengths (100, 500, 1000, 2000, 4000, 5000 ppm) based on the number of tablets and volume of water.

ACTIVE INGREDIENT: Trolosene sodium . . 50.0 % w/w
Refer to dilution chart for Available Chlorine concentrations



CONTENTS: 100 x 13.1 g TABLETS

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

CORROSIVE

TO PRE-CLEAN INSTRUMENTS PRIOR TO
TERMINAL STERILIZATION/HIGH LEVEL DISINFECTION
Prepare a 2000 ppm solution.

Spray Method - Place instruments into a suitable container. Spray diffix+ Disinfectant Tablets solution onto instruments to thoroughly wet all surfaces. Let stand for up to 10 minutes. Rinse instruments.

Immersion Method - Fill appropriate size container with a sufficient amount of diffix+ Disinfectant Tablets solution to completely submerge instruments. Place instruments into the container of diffix+ Disinfectant Tablets solution, cover, and allow to soak for up to 10 minutes. Remove and rinse and follow with an appropriate cleaning and disinfecting process.

Change solution daily.

Scrubbing Method - Thoroughly pre-rinse dry instruments under running water to remove visible gross debris. Immerse pre-rinsed instruments into an appropriate size container filled with diffix+ Disinfectant Tablets solution. Scrub instruments using a stiff bristle brush until visibly clean. Submerge instruments while scrubbing. Rinse instruments thoroughly. Change solution daily.

Follow with an appropriate disinfection process. Cleaning of critical and semi-critical devices must be followed by an appropriate terminal sterilization/high level disinfection process.

To Disinfect Non-Critical Pre-Cleaned Instruments - Instruments must be thoroughly pre-cleaned to remove excess organic debris rinsed and/or dried. Clean and rinse lumens of hollow instruments before filling with diffix+ Disinfectant Tablets solution or before immersion. Using a soaking tray immerse instruments into diffix+ Disinfectant Tablets solution and allow to soak for 10 minutes.

Change solution for each use. Spray method - Spray all surfaces of instruments with diffix+ Disinfectant Tablets solution until thoroughly wet. Allow surfaces to remain wet for 10 minutes

FOOD PREMISES AND FOOD PROCESSING FACILITIES

SANITIZER FOR FOOD AND BEVERAGE PROCESSING AND FOOD HANDLING OPERATIONS

Prepare a 100 ppm solution: (refer to Usage Table and Dilution Chart). Prepare a fresh solution weekly when using closed containers (spray bottles). Prepare a fresh solution daily when using open containers (buckets) or if solution becomes diluted.

Avoid contact with Food.

This product is recommended for sanitizing all types of hard, non-porous equipment and utensils used in food processing establishments. Use a 100 ppm available chlorine solution (refer to Usage Table and Dilution Chart) to sanitize previously cleaned processing and packaging equipment.

Allow surfaces to remain wet for 1 minute before draining. Allow adequate draining before contact with beverages. All treated equipment that will contact food or drinking water must be rinsed with potable water before reuse.

SANITIZING HARD, NON-POROUS SURFACES, DISHES, GLASSES, FOOD PROCESSING EQUIPMENT AND UTENSILS

Prepare a 100 ppm solution: (refer to Usage Table and Dilution Chart). Prepare a fresh solution weekly when using closed containers (spray bottles). Prepare a fresh solution daily when using open containers (buckets) or if solution becomes diluted.

Avoid contact with food.

Wash surfaces or objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.

- 1. Prepare a 100 ppm solution: (refer to Usage Table and Dilution Chart).
 - 2. Place equipment, utensils, dishes, glasses, etc. in the solution or apply the use solution to surfaces using a cloth, sponge, or coarse sprayer.
 - 3. Allow surfaces to remain wet for 1 minute, drain the excess solution from the surface, and allow to air dry.
 - 4. All treated equipment that will contact food or drinking water must be rinsed with potable water before reuse
- Fresh sanitizing solution must be prepared at least daily or more often if the solution becomes diluted or soiled.

PRECAUTIONARY STATEMENTS

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.

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 lighted cigarette. Do not use this product in any chlorinating device which has been used with any inorganic or unstabilized chlorinating compounds (e.g., calcium hypochlorite). Such use may cause fire or explosion.

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 centre or doctor for treatment advice.

If swallowed: Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice. Remove and wash contaminated clothing before reuse.

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 centre or doctor for further treatment advice. Take container, label or product name and Drug Identification Number (DIN) with you when seeking medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. Wastes resulting from the use of this product must be disposed of on-site, or at a provincially approved waste disposal facility.

STORAGE: Store in a cool, dry, well-ventilated area at a temperature below 40°C. Avoid moisture getting into container.

DISPOSAL:

- 1. This is a non-refillable container. Do not reuse or refill this container.
- 2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
- 3. Dispose of the container in accordance with provincial requirements.
- 4. For information on the disposal of unused, unwanted product contact the Manufacturer.

