Defender
Disinfectant and Cleaner
Surface Friendly
Kills Clostridium difficile spores in 4 minutes
Effective against a broad range of microorganisms

KEEP OUT OF REACH OF CHILDREN
DANGER

ACTIVE INGREDIENT:
Sodium Dichloro-s-triazinetrione ... 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.

Defender is for use in:
- Hospitals, nursing homes, medical and dental offices and clinics, operating rooms, isolation wards, and medical research facilities.
- 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.

Defender provides effective cleaning strength that will not dull high gloss floor finishes with repeated use.

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 the 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. See side panel for additional precautionary statements.

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.

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.

<table>
<thead>
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<th>Solution ppm (mg/L) available chlorine</th>
<th># of Tablets</th>
<th>Quarts of Water</th>
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<tbody>
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40 TABLETS
3.3 gram Tablet Size

TRUSTMEDICAL

40 TABLETS
3.3 gram Tablet Size

NET CONTENTS:
NET Wt: 4.71 oz (0.1336 kg)
EPA Reg. No. 71847-7-92281
EPA Est. No. 71847-IRL-001
EPA Rev. 28 DEC 16
Vendor No. 15442
UMI No. MDCT447442

40 TABLETS
3.3 gram Tablet Size
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 DISINFECTION
This product, DEFENDER, is a Hospital Use Disinfectant. General Healthcare disinfectant (538 ppm available chlorine disinfectant solution) is effective against gram positive and gram negative bacteria (Staphylococcus aureus, Pseudomonas aeruginosa and Salmonella enterica) and C. difficile spores (respiratory syncytial virus, influenza H1N1).

DISINFECTION FOR SURFACES CONTAMINATED WITH CLOSTRIDIUM DIFFICILE IN 4 MINUTES
This product is effective for bloodborne viruses and animal care facilities when used at level of 1076 ppm available chlorine disinfectant solution. It is effective against HIV, Hepatitis B, and Hepatitis A viruses on PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS.

GENERAL DISINFECTION
This product, DEFENDER, is a general disinfectant at 538 ppm available chlorine disinfectant solution effective against Staphylococcus aureus, Salmonella enterica, Pseudomonas aeruginosa and cold and flu (respiratory syncytial virus, influenza A/H1N1). Prepare a 538 ppm solution; refer to Dilution Chart. Apply to pre-cleaned surface 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, feed, or drinking water must be rinsed with potable water before reuse.

DISINFECTION FOR SURFACES CONTAMINATED WITH HIV-1, VIRUS AND OTHER BLOOD-BORNE PATHOGENS
Prepare a 1076 ppm solution; refer to Dilution Chart. Keep in a properly labeled container to protect against contamination. Unused solution must be discarded.

DISINFECTION/VIRUCAL DIRECTIONS
Prepare a 1076 ppm solution; refer to dilution chart. Apply solution to pre-cleaned hard, non-porous, inanimate surfaces with brush, spray device, spounge, cloth, mop, or a combination of any of these. Allow to remain wet for 10 minutes. Sanitize equipment produced by wiping with brush, sponge, or cloth. For spraying applications use a coarse spray device. Apply 600 cubic inches of solution per square foot, and rub with brush, sponge, cloth, or cloth. Do not use spray mist. Before using this product, food products and packaging materials must be removed from the surface or carefully protected. 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.

Kills HIV-1, Hepatitis A, and Hepatitis B viruses on PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other situations in which there is an expected likelihood of soiling of inanimate surfaces/object with blood or body fluids, and in which the surfaces/object likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus (HIV) (associated with AIDS), Hepatitis A virus, and Hepatitis B virus.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTOamination AGAINST HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

1. Personal Protection: Specific barrier protection items are to be used when handling items soaked 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 DEFENDER. This cleaning process may be accomplished with any cleaning solution prepared using DEFENDER. DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and Disposal of the used materials on-site or at an approved waste disposal facility.

2. 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 temperatures 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 in a sanitary landfill.

- EPA Reg. No. 71847-7-92281 EPA Est. No. 71847-IRL-001 Vendor No. 15442 UMI No. MDCT447442

- Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or in a sanitary landfill.
Defender
Disinfectant and Cleaner
Surface Friendly
Kills Clostridium difficile spores in 4 minutes
Effective against a broad range of microorganisms

KEEP OUT OF REACH OF CHILDREN
DANGER

ACTIVE INGREDIENT:
Sodium Dichloro-s-triazinetrione ........................................... 48.21%
OTHER INGREDIENTS ..........................................................................
5.6M
TOTAL .................................................. 100.00%

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

Defender is for use in:
- Hospitals, nursing homes, medical and dental offices and clinics, operating rooms, isolation wards, and medical research facilities.
- 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.

Defender provides effective cleaning strength that will not dull high gloss floor finishes with repeated use.

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 the 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.
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.
See side panel for additional precautionary statements.

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.

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.

Dilution Chart for 3.3 gram Tablets

<table>
<thead>
<tr>
<th>Solution ppm (mg/L)</th>
<th>Tablets</th>
<th>Quarts of Water</th>
</tr>
</thead>
<tbody>
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<td>0.5</td>
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NET CONTENTS:
NET WT 11.78 oz (0.334 kg)
EPA Reg. No. 71847-7-25281
EPA Est. No. 71847-RL-001
EPA Rev. 28 DEC 19
Vendor No. 15443
UMI No. MDCT447443

100 TABLETS
3.3 gram Tablet Size
DIRECTIVES 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.

HEALTHCARE DISINFECTION This product, DEFENDER, is a Hospital Use Disinfectant. General Healthcare disinfectant (538 ppm available chlorine disinfectant solution) is effective against standard gram positive and gram negative bacteria, (Staphylococcus aureus, Pseudomonas aeruginosa and salmonella enteritidis) and Cold and Flu viruses (respiratory syncytial virus, influenza H1N1)

This product is also effectivie for the control of blood borne viruses and animal care facilities when used at level of 1076 ppm available chlorine disinfectant solution. It is effective against HIV, Hepatitis B, Feline Calicivirus, Norovirus, Canine Distemper virus, Infectious Canine hepatitis, Teschen/Falterm disease, Avian influenza, Porcine parvovirus, Ruminating Stunting virus (tonnosvemelvirus, Actinobacillus pleuropneumoniae, Bordetella bronchiseptica/minis), Brachyspira (Treponema/Serpula) hydrogenbreiding (swine, dysentery), Gumbro disease, Streptococcus suis, Streptococcus dysgalactiae, and Clostridium difficile with a 10 minute contact time. For Transmission gastroenteritis (TGE), Swine Vesicular disease, African swine fever, Hog cholera/ Classical swine fever, and Avipox (fowl pox) a 30 minute contact time is required.

Note: The California DPR has not yet approved the use of this product Defender against these animal pathogens. Only approved for use against Canine parvovirus, Newcastle Disease Virus, Pseudorabies, Canine Distemper Virus, & Feline Calicivirus in the state of California.

This product is also effective as an healthcare disinfectant for critical areas potentially contaminated with C. Diff spores when used at a level of 2153 ppm available chlorine disinfectant solution.

Notice to User: This product is not to be used as a terminal sterilant/high level disinfectant on any surface that is (1) 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 consistently 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 DISINFECTION This product, DEFENDER, is a general disinfectant at 538 ppm available chlorine disinfectant solution effective against Staphylococcus aureus, Salmonella enterica, Pseudomonas aeruginosa and cold and flu (respiratory syncytial virus, influenza H1N1). Prepare a 538 ppm solution; refer to Dilution Chart. Apply to pre-cleaned surface with mop, cloth, sponge, brush, wipe, foaming equipment, or coarse trigger sprayer. Allow surface to remain wet for 10 minutes. Allow to 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.

DISINFECTION FOR SURFACES CONTAMINATED WITH HIV AND OTHER VIRUSES AND ANIMAL HOUSING FACILITIES

PREPARATION OF USE SOLUTION Prepare a 1076 ppm solution; refer to Dilution Chart. Keep in a properly labeled container to protect against contamination. Unused solution must be discarded.

DIRECTIONS/VIRUCIDAL DIRECTIONS: Prepare a 1076 ppm solution; refer to dilution chart. Apply 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 10 minutes, then dry by wiping off with brush, sponge, or cloth. For spray applications use a coarse spray device. Spray 6-8 inches from surface, and rub with brush, sponge, or cloth. Do not breathe spray mist. Before using this product, food products and packaging materials must be removed from the room or carefully protected. 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.

Kills HIV-1, Hepatitis A, and Hepatitis B viruses 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, Hepatitis A virus, and Hepatitis B virus.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST 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 eyewore. Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from environmental surfaces. Use the defector. This cleaning process may be accomplished with any cleaning solution including DEFENDER. 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.

DISINFECTION FOR SURFACES CONTAMINATED WITH CLOSTRIDIUM DIFFICILE IN 4 MINUTES

Special Label Instructions for Cleaning Prior to Disinfection against Clostridium difficile: Wear appropriate barrier protection such as gloves, masks, and eye covering. Cleaning Procedure: Fecal matter/waste must be thoroughly cleaned from surfaces 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 cloth. Infected Materials Disposal: Materials used in the cleaning process that may contain feces/wastes are to be disposed immediately in accordance with local regulations for infectious materials disposal.

Prepare a 4,308 ppm solution; refer to Dilution Chart. Apply to pre-cleaned surface 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.

GENERAL DISINFECTION WITHOUT PRECLEAN This product DEFENDER is a Healthcare disinfectant when used at level of 4,306 ppm available chlorhine disinfectant solution. It is effective Norovirus with a 1 minute contact time. For Salmonella enterica, Staphylococcus aureus, pseudomonas aeruginosa and salmonella enterica) and Cold and Flu viruses (respiratory syncytial virus, influenza H1N1). Prepare a 4,306 ppm solution; refer to dilution chart. Apply to surface 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.

DISINFECTION FOR SURFACES CONTAMINATED WITH TUBERCULOSIS IN 4 MINUTES

Special Label Instructions for Cleaning Prior to Disinfection against Tuberculosis: This product when used as directed below is effective against Mycobacterium bovis. This product is introduced directly into the human body, either into or in contact with the blood stream or 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.

Prepare a 4,308 ppm solution; refer to dilution chart. Apply to pre-cleaned surface 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.

See insert for full directions for use.

EPA Reg. No. 71847-7-92281  EPA Est. No. 71847-IRL-001 Vendor No. 15443 UMI No. MDCT474434

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 temperatures below 40°C/104°F. Avoid moisture getting into container.

PESTICIDE DISPOSAL

Pesticides 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

Nonreturnable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill.
This product DEFENDER is a Healthcare disinfectant when used at level of 4,306 ppm available chlorine disinfectant solution, applied as outlined under Disinfection/Virucidal Directions. When used at 1076 ppm solution, applied as outlined under Disinfection/Virucidal Directions, a 10 minute contact time is required. Probable mucosal damage may contraindicate the use of gastric lavage.

**Disinfection for Surfaces Contaminated with CLOSTRIDIUM DIFFICILE**

Special Label Instructions for Cleaning Prior to Disinfection according to CLOSTRIDIUM difficile specif.

**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 before disinfection by applying 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 required to high-touch surfaces. Surfaces in areas that cannot be cleaned in an appropriate manner, such as from right to left or left to right, horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading of the spores. Restrooms to be cleaned last. Do not reuse soiled cloths.

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

**Preparation:** 2510 ppm solution; refer to Dilution Chart. Apply to pre-cleaned surfaces with cloth, sponge, brush, wipe, foaming equipment, or coarse trigger sprayer. Apply surface to remain wet for 10 minutes. Allow to air dry. Pre-pare 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.

**GENERAL DISINFECTION**

This product DEFENDER is a general disinfectant at 538 ppm available chlorine disinfectant solution effective against Staphylococcus aureus, Salmonella enterica, Pseudomonas aeruginosa and cold and flu respiratory syncitial virus, influenza (H1N1). Prepare a 538 ppm solution; refer to Dilution Chart. Apply to pre-cleaned surfaces with mop, cloth, sponge, brush, fine-or coarse trigger sprayer. Allow surface to remain wet for 10 minutes. Allow to dry 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.

**Disinfection for Surfaces Contaminated with HIV and other Viruses and Animal Housing Facilities**

**PREPARATION OF USE SOLUTION:** Prepare a 1076 ppm solution; refer to Dilution Chart. Apply to a properly labeled container. Must be used in a properly labeled container. May be used to clean surfaces that are apt 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), Hepatitis A virus, and Hepatitis B virus.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST 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 should be disposed of in accordance with federal, state and local regulations for infectious waste disposal. CONTACT TIME: Leave solutions wet for 10 minutes.

**ANIMAL PATHOGENS:** When used at 1076 ppm solution, applied as outlined under Disinfection/Virucidal Directions, a 30 minute contact time is required. Infectious Canine hepatitis, Teschen/Talfan disease, Avian influenza, Porcine parvovirus, Ruminant & Swine influenza virus, Rotavirus, Enterovirus, Ross River virus, SARS, Norovirus, Rotavirus, Adenovirus, Mycobacterium bovis (TB) and Tuberculosis.

**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.

**ANIMAL PATHOGENS:** When used at 1076 ppm solution, applied as outlined under Disinfection/Virucidal Directions, a 30 minute contact time is required. Foot and mouth disease, Transmissible gastroenteritis (TGE), Swine Vesicular disease, African swine fever, Hog cholera/Classical swine fever, African swine fever, Gnat hog influenza, Porcine parvovirus, Ruminant & Swine influenza virus, Rotavirus, Enterovirus, Ross River virus, SARS, Norovirus, Rotavirus, Adenovirus, Mycobacterium bovis (TB) and Tuberculosis.

**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.

**ANIMAL PATHOGENS:** When used at 1076 ppm solution, applied as outlined under Disinfection/Virucidal Directions, a 30 minute contact time is required. Foot and mouth disease, Transmissible gastroenteritis (TGE), Swine Vesicular disease, African swine fever, Hog cholera/Classical swine fever, African swine fever, Gnat hog influenza, Porcine parvovirus, Ruminant & Swine influenza virus, Rotavirus, Enterovirus, Ross River virus, SARS, Norovirus, Rotavirus, Adenovirus, Mycobacterium bovis (TB) and Tuberculosis.

**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.

**ANIMAL PATHOGENS:** When used at 1076 ppm solution, applied as outlined under Disinfection/Virucidal Directions, a 30 minute contact time is required. Foot and mouth disease, Transmissible gastroenteritis (TGE), Swine Vesicular disease, African swine fever, Hog cholera/Classical swine fever, African swine fever, Gnat hog influenza, Porcine parvovirus, Ruminant & Swine influenza virus, Rotavirus, Enterovirus, Ross River virus, SARS, Norovirus, Rotavirus, Adenovirus, Mycobacterium bovis (TB) and Tuberculosis.

**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.

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spray method of sanitizing equipment

The spray (or fog) method is generally used to sanitize large, non-porous surfaces that have already been freed of physical soil. It is appropriate for batch pasteurization, holding tanks, weight tanks, tank trucks and cars, vats, the walls, ceilings, and floors. Clean all surfaces after use. Prepare a solution containing 100 ppm available chlorine (refer to Dilution Chart). Use pressure spraying or fogging equipment designed to resist chlorine-containing solutions (e.g., rubber-coated, plastic or stainless steel). When using any other kind of spraying equipment, always empty and thoroughly clean and properly sanitize equipment with potable water immediately after treatment. Apply spray or fog heavily to all surfaces the product will touch. Thoroughly spray (or fog) all treated surfaces, corners and turns until wet. Allow at least one minute contact time before draining. Allow excess solution to drain and air dry then place in storage. Vacate area for at least two hours.

general rinse method

Prepare a solution containing 100 ppm available chlorine (refer to Dilution Chart) sanitize plant floors, walls, and ceilings, and also clean ovens in refrigerated areas and drain systems. Generously flush or swab surfaces with the solution. After one minute contact time allow solution to drain and then air dry.

filtration devices

This product is for use in filtration devices (water purification systems and its cartridge). Its purpose is to clean membranes, such as reverse osmosis membranes of fouling contaminants. One (1) dose of product is necessary to achieve successful sanitizing. Product should be used following the manufacturer’s instructions. Add 3ppm available chlorine (refer to Dilution Chart) to the system water. Repeat this dosage, if necessary, until a free available chlorine (FAC) level of 0.5 - 1.0 ppm is obtained, as determined by use of a reliable test kit.

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 temperatures 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 re-use or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill.

physical or chemical hazards

Strong Oxidizing Agent: Use only clean dry utensils. Mix only into water. Contamination with moisture, dirt, rust, or other chemicals (including 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 process which has been used with any inorganic or unstabilized chlorinating compounds (e.g., calcium hypochlorite). Such use may render the compound hazardous.

warranty

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label and is not otherwise defective. Buyer shall use this product in accordance with label directions under normal conditions of use, but to the extent consistent with applicable law, neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, expressed or implied, extends to the use of this product contrary to label instructions, in unsatisfactory conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use. AVOID CONTACT WITH EYES, SKIN AND MOUTH.

DEFENDER

Inhalation - Remove victim to fresh air. In case of contact with eyes, flush eyes immediately with plenty of water. Call a Poison Control Center or a hospital immediately for medical advice. Do not induce vomiting or give anything by mouth except under medical supervision.

DEFENDER TO TOXICITY

Ingestion - Do not give anything by mouth except under medical supervision. Do not induce vomiting or give anything by mouth except under medical supervision. Do not give stimulants.

DEFENDER TO HUMAN HEALTH

 • Eye Contact: Rinse thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to remove, then continue rinsing.
 • Skin Contact: Wash with soap and water. Cover with aseptic dressing until pain is relieved.
 • Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If breathing stops, immediately apply artificial respiration.
 • Ingestion: Do not give anything by mouth except under medical supervision. Do not induce vomiting or give anything by mouth except under medical supervision. Do not give stimulants.

DEFENDER TO REACTIVITY

Chemicals to Avoid: Do not mix with strong oxidizers or strong reducing agents. Ammonia and strong acids can cause a dangerous reaction.

DEFENDER TO PHYSICAL PROPERTIES

 • Odor: None.
 • Appearance: Clear colorless solution.
 • Specific Gravity: 1.14 (10°C/50°F).
 • Flash Point: Undetermined.
 • Vapors are heavier than air.
 • Volumetric Vapor Pressure: Negligible.
 • Solubility: Slightly soluble in water.
 • Melting Point: Not available.
 • Boiling Point: Not available.
 • Physical Hazards: May irritate eyes, skin, and mucous membranes.

DEFENDER TO CHEMICAL HAZARDS

Acute Oral LD50: 1840 mg/kg (rat).

DEFENDER TO ENVIRONMENTAL EFFECTS

May be toxic to aquatic life.孩子

DEFENDER TO HUMAN HEALTH EFFECTS

Eye Contact: May cause conjunctivitis. Skin Contact: May cause skin irritation.

DEFENDER DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

DEFENDER STORAGE

Store in a cool, dry, well-ventilated area at temperatures below 40°C/104°F. Avoid moisture getting into container.

DEFENDER TO TRANSPORTATION

Class: 8

DEFENDER TO HAZARDOUS WASTE

DEFENDER TO INGREDIENTS

DEFENDER TO LIQUID CHEMICALS

DEFENDER TO MATERIALS

DEFENDER TO PROPERTIES

DEFENDER TO REACTIVITY

DEFENDER TO FIRE FIGHTING

DEFENDER TO HAZARD RATINGS

DEFENDER TO STORAGE

DEFENDER TO TRANSPORTATION

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