

Effervescent Disinfectant Tablets for Hospitals and Institutional Use Food Contact Sanitizer

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.

KEEP OUT OF REACH OF CHILDREN DANGER

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.

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 lit 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.

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.

HEALTHCARE. INSTITUTIONAL. INDUSTRIAL.

For use in Cleaning, Disinfection and Sanitizing on hard non-porous surfaces in hospitals, nursing homes, Intensive Care Unit operating rooms, emergency waiting rooms, dental facilities, schools, universities, institutions, amusement parks, industrial facilities, breweries, beverage and food processing plants, food processing and canning plants, egg processing plants, bottling plants, meat and poultry processing plants, cafeterias, institutional dining establishments, restaurants, food service, stores, catering, veterinary clinics, zoos and aquariums, dairy farms, kennels, boarding facilities, gyms, locker room facilities, tattoo parlors and restrooms.

STRONG. SIMPLE. STABLE. SUSTAINABLE

BruTab 6S when used as directed is formulated to disinfect, clean washable hard, non-porous surfaces of: Hospital beds, examining tables, operating tables, medical equipment surfaces, counters, walls, ceilings, shower stalls, bathroom fixtures, kennel/cage floors, examination tables, athletic mats, exercise equipment, locker rooms areas, whirlpools, Hubbard tanks, food preparation and storage areas, and other hard, non-porous surfaces.

BruTab 6S is designed to provide effective cleaning, and disinfection in areas where it is of prime importance in controlling the hazard of cross contamination on treated pre-cleaned, hard, non-porous, inanimate surfaces.

BruTab 6S is a disinfectant that disinfects pre-cleaned, hard, non-porous, inanimate surfaces. This cleaning process may be accomplished with any cleaner solution including **BruTab 6S**.

BruTab 6S can be applied using spray, mop, wipe, cloth, sponge, brush, coarse trigger sprayer, or coarse mechanical spray.

BruTab 6S provides effective cleaning strength that will not dull high gloss floors finishes with repeated use.

Removes Mold and Mildew stains.

Effective against *Clostridium difficile* spores in 4 minutes

Effective against Hepatitis A Virus, Hepatitis B Virus and Hepatitis C Virus.

BruTab 6S is recommended for sanitizing all types of hard, non-porous equipment and utensils used in food processing and canning plants, bottling plants, breweries, meat and poultry processing plants, milk handling and processing plants, stores, restaurants and institutional dining establishments.

BruTab 6S is an effective sanitizing agent. Treatment with this product throughout food and beverage processing and food handling operations can help ensure the quality of the final product.

BruTab 6S is a sanitizer for pre-cleaned, hard, non-porous, inanimate surfaces. This cleaning process may be accomplished with any cleaner solution including **BruTab 6S**.

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, 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.

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

HEALTHCARE DISINFECTION PERFORMANCE

BruTab 6S is a Hospital Use Disinfectant. As a Healthcare disinfectant it is effective against standard Gram positive and Gram negative bacteria (*Staphylococcus aureus*, *Pseudomonas aeruginosa* and *Salmonella enterica*) and Cold and flu viruses (respiratory syncytial virus, Influenza Virus H1N1). Refer to **Usage Table** for the appropriate doses and contact times.

BruTab 6S is effective as a Healthcare disinfectant for microorganisms and blood borne viruses† when used at the dose and contact time as indicated in the **Usage Table**. 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) & glycopeptide resistant (GRSA), Poliovirus type 1, Rhinovirus Type 14, Herpes simplex virus type 1 and Norovirus.

BruTab 6S is also effective as a Healthcare disinfectant for bloodborne 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**.

BruTab 6S is also effective as a Healthcare disinfectant for critical areas potentially contaminated with *Clostridium difficile* spores when used at the dosage and contact time as detailed in the **Usage Table**.

BruTab 6S is also effective as a Healthcare disinfectant for critical areas potentially contaminated with *Mycobacterium bovis* (Tb) used at a level of 5382 ppm available chlorine disinfectant solution. A 4 minute contact time is required.

HEALTHCARE DISINFECTION/VRUCIDAL* 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.

KILLS HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (HIV-1), HEPATITIS A VIRUS, AND 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). 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 **BruTab 6S**. This cleaning process may be accomplished with any cleaning solution including **BruTab 6S**.

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: Refer to **Usage Table** for correct doses and contact times. Refer to **Dilution Chart** for solution preparation.

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 the appropriate solution strength by referring to **Usage Table**. Refer to **Dilution Chart** for solution preparation. Apply to pre-cleaned surface with mop, cloth, sponge, brush, wipe, or mechanical sprayer. Allow surface to remain wet for appropriate contact time as indicated on **Usage Table**. Allow to air dry.

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):

BruTab 6S when used as directed below is effective against *Mycobacterium bovis* (Tb). **BruTab 6S** 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 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.

HEALTHCARE DISINFECTION WITHOUT PRECLEAN PERFORMANCE

BruTab 6S is a Healthcare disinfectant when used at the doses and contact times indicated in the **Usage Table**.

It is effective against Norovirus, Coxsackievirus and *Aspergillus fumigatus*. 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), & glycopeptide-resistant (GRSA), *Streptococcus pneumoniae* and *Candida albicans*.

HEALTHCARE DISINFECTION WITHOUT PRECLEAN DIRECTIONS

Apply to surface with mop, cloth, sponge, brush, wipe, or mechanical sprayer. Allow surface to remain wet for the appropriate contact time. Refer to **Usage Table**.

To Pre-clean Instruments Prior to Terminal Sterilization/High Level Disinfection

Prepare a 2153 ppm solution.

As a pre-cleaning spray- Place instruments into a suitable container, Spray **BruTab 6S** onto instruments to thoroughly wet all surfaces. Let stand for up to 10 minutes. Rinse instruments.

As a pre-cleaning immersion solution - Fill appropriate size container with a sufficient amount of **BruTab 6S** to completely submerge instruments. Place instruments into the container of **BruTab 6S** 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.

As a manual instrument cleaner - Thoroughly pre-rinse dirty instruments under running water to remove gross debris. Immerse pre-rinsed instruments into an appropriate size container filled with **BruTab 6S**. Scrub instruments using a stiff bristle brush until 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 rough dried (Clean and rinse lumens of hollow instruments before filling with **BruTab 6S** or before immersion.

Immersion method using a soaking tray- Immerse instruments into **BruTab 6S** and let stand for ten or 10 minutes. Change solution for each use.

Spray method - Spray all surfaces of instruments with **BruTab 6S** until thoroughly wet. Let stand for 10 minutes.

ANIMAL PREMISES**ANIMAL PATHOGENS PERFORMANCE:**

*When used at dosage and contact times as outlined in the **Usage Table, BruTab 6S** is effective against the following animal pathogens: Canine Parvovirus, Herpes simplex virus type 1 *, Newcastle Disease Virus, Pseudorabies, Feline Calicivirus, Norovirus, Canine Distemper Virus, Infectious Canine hepatitis *, Teschen/Talfan Disease *, Avian influenza Virus *, Porcine parvovirus *, Runting & Stunting virus (tenosynovitis) *, *Actinobacillus Pleuropneumoniae* *, *Bordetella bronchiseptica* (rhinitis) *, *Brachyspira* (Treponema/Serpulina) *, Hyodysenteriae (swine dysentery) *, Gumboro disease *, Porcine Epidemic Diarrhea Virus *, Streptococcus uberis *, Transmissible gastroenteritis (TGE) *, Swine Vesicular disease *, African swine fever *, Hog cholera/Classical swine fever *, Avipox (fowl pox) *, Respiratory syncytial virus *, Bovine Viral Diarrhea Virus * and Porcine epidemic diarrhea virus *. Re-apply product as necessary to ensure surface remains wet.

*Note: these organisms not approved by the state of California.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION IN ANIMAL HOUSING AND ANIMAL TRANSPORT 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. Immerse 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, cars, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried.
8. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and allow to air dry before reuse.

POULTRY, SWINE, CATTLE, LIVESTOCK DRINKING WATER DISINFECTION

If the water supply is badly fouled, then add 5ppm available chlorine (refer to **Dilution Chart**) to the water supply.

After 24 hours the addition rate can be reduced to 1ppm available chlorine (refer to **Dilution Chart**). If the microbiological content of the water is eliminated, the concentration of available chlorine can be reduced to 0.5ppm.

If the microbiological control is not adequate at 1ppm available chlorine, then add 1.5ppm available chlorine to the livestock drinking water. **BruTab 6S** should be administered continuously into the drinking water from the time of placement (day one). Cease treating the drinking water 24 hours prior to vaccination and re-administer 24 hours after vaccination.

SANITIZER PERFORMANCE

BruTab 6S is an effective Sanitizer against *Staphylococcus aureus* and *Salmonella enterica* at 100ppm with a 1 minute contact time.

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

Prepare a 100 ppm solution; refer to **Dilution Chart** for the number of tablets to use.

FOOD CONTACT SANITIZING DIRECTIONS**HANDWASHING OF ITEMS IN A 3 COMPARTMENT SINK**

1. Remove all gross food particles and soil by a preflush or prescrape and, when necessary, presoak treatment. Wash surfaces or objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.
2. Prepare a 100ppm available chlorine sanitizing solution (refer to **Dilution Chart**).
3. Place equipment, utensils, dishes, glasses, etc. in the solution or apply the use solution to surfaces using a cloth, sponge, or coarse sprayer.
4. Allow to stand for at least 1 minute, drain the excess solution from the surface, and allow to air dry.
5. Fresh sanitizing solution must be prepared at least daily or more often if the solution becomes diluted or soiled.

HANDWASHING OF ITEMS IN A 2 COMPARTMENT SINK

1. Remove all gross food particles and soil by a preflush or prescrape and, when necessary, presoak treatment. Wash surfaces or objects with a good detergent or compatible cleaner,
2. Prepare a 100 ppm available chlorine sanitizing solution (refer to **Dilution Chart**).
3. Place equipment, utensils, dishes, glasses, etc. in the solution or apply the use solution to surfaces using a cloth, sponge, or coarse sprayer.
4. Allow to stand for at least 1 minute, drain the excess solution from the surface, and allow to air dry.
5. Fresh sanitizing solution must be prepared at least daily or more often if the solution becomes diluted or soiled.

MACHINE WASHING OF ITEMS

1. Remove all gross food particles and soil by a preflush or prescrape and, when necessary, presoak treatment. Wash surfaces or objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.
2. Prepare a 100 ppm available chlorine solution (refer to **Dilution Chart**).
3. Add the solution to the feed tank of immersion or spray type machines that can provide at least 1 minute contact time for sanitizing dishes, glasses, food processing equipment, or utensils. Allow to drain and air dry before use.
4. Promptly use the sanitizing solution after preparation. Discard unused solutions.

Use a suitable chlorine test kit to check solution frequently. Change the solution as needed to prevent concentration from falling below 100ppm available chlorine at any time.

The following Directions for Use are not allowed in the state of California:

SHOE AND BOOT BATH DEODORIZER

To deodorize footwear worn in animal areas and in packaging and storage areas of food plants. Shoe and Boot baths containing one inch of freshly made 100 ppm available chlorine solution (refer to **Dilution Chart**) should be placed at all entrances to buildings, hatcheries, and at all the entrances to the production and packaging rooms. Scrape waterproof shoes and boots and place into solution for at least 1 minute prior to entering area. Change the solution in the bath at least daily or sooner if solution appears diluted or dirty.

MILK HANDLING AND PROCESSING EQUIPMENT

BruTab 6S can be used on dairy farms and in plants processing milk, cream, ice cream, and cheese. Rinse milking machines, utensils, and all equipment with cold water to remove excess milk. Clean with a suitable detergent and/or water as appropriate and rinse prior to sanitizing. To sanitize, spray or rinse all pre-cleaned surfaces with 100 ppm available chlorine solution (refer to **Dilution Chart**). Allow at least a 1 minute contact time before draining. Allow adequate draining before contact with dairy products. It is important to clean out large deposits of milk or other organic matter before sanitizing. A sharp decline in the available chlorine content of the sanitizer following circulation through milk processing equipment is usually regarded as evidence of inadequate cleaning of the equipment and should be promptly investigated.

The following Directions for Use are not allowed in the state of California:

SPRAY METHOD OF SANITIZING EQUIPMENT

The spray method is generally used to sanitize large, non-porous surfaces that have already been freed of physical soil. It is appropriate for batch pasteurizers; holding tanks, weigh tanks, tank trucks and cars, vats, tile walls, ceilings, and floors. Clean all surfaces after use using an appropriate compatible detergent cleaning product and/or water. Prepare a solution containing 100 ppm available chlorine (refer to **Dilution Chart**). Use pressure spraying 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 rinse the spray equipment with potable water immediately after treatment. Thoroughly spray all treated surfaces, corners and turns until wet. Allow at least a 1 minute contact time before draining. Allow excess solution to drain and air dry then place in service. Vacate area for at least two hours.

GENERAL RINSE METHOD

Prepare a solution containing 100 ppm available chlorine (refer to **Dilution Chart**) to sanitize plant floors, walls and ceilings, and also control odors in refrigerated areas and drain platforms. Generously flush or swab surfaces with the solution. After 1 minute contact time allow solution to drain and then air dry.

161021 - 8N - 13.1g per tablet

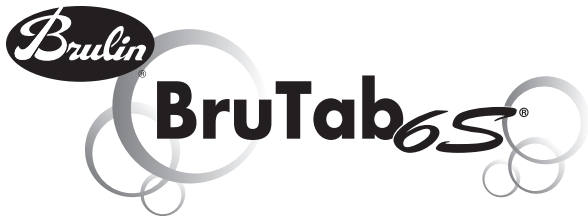
DILUTION CHART		
Tablet Size	13.1g	
Solution ppm (mg/L) Available Chlorine	Tablets	Gallons of Water
1	1	1076
5	1	215
100	1	10
538	1	2
1076	1	1
2153	2	1
4306	4	1
5382	5	1

Manufactured for:
Bruhin & Co., Inc.
P.O. Box 270
Indianapolis, IN 46206
1.800.776.7149

Reorder Product No. 161021

EPA Reg. No. 71847-6-106
EPA Est. No. 71847-IRL-001

LN-4038/0618
EPA 30 APR 18



ACTIVE INGREDIENT:

Sodium dichloro-s-triazinetrione..... 48.21%*

OTHER INGREDIENTS:.....51.79%

TOTAL100.00%

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

**KEEP OUT OF REACH OF CHILDREN
DANGER**

Usage Table:		
Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Food Contact Sanitizer Claims		
<i>Staphylococcus aureus</i>	100 ppm	1 minute
<i>Salmonella enterica</i>	100 ppm	1 minute
Disinfection Claims - Bacteria		
<i>Staphylococcus aureus</i>	a) 538 ppm	a) 10 minutes
	b) 4306 ppm	b) 2 minutes
<i>Staphylococcus aureus</i> – methicillin resistant (MRSA) & glycopeptide-resistant (GRSA)	a) 1076 ppm	a) 10 minutes
	b) 4306 ppm	b) 2 minutes
<i>Staphylococcus epidermidis</i>	1076 ppm	10 minutes
<i>Salmonella enterica</i>	a) 538 ppm	a) 10 minutes
	b) 4306 ppm	b) 2 minutes
<i>Pseudomonas aeruginosa</i>	a) 538 ppm	a) 10 minutes
	b) 2153 ppm	b) 2 minutes
<i>Streptococcus pneumoniae</i>	4306 ppm	4 minutes
<i>Escherichia coli</i> O157:H7	1076 ppm	10 minutes
<i>Acinetobacter baumannii</i>	4306 ppm	4 minutes
Multi-drug resistant <i>Acinetobacter baumannii</i>	4306 ppm	2 minutes
Vancomycin resistant <i>Enterococcus faecalis</i>	a) 1076ppm	a) 10 minutes
	b) 4306 ppm	b) 2 minutes
Carbapenem resistant <i>Klebsiella pneumoniae</i>	4306 ppm	2 minutes
<i>Klebsiella pneumoniae</i>	1076 ppm	10 minutes

Virucidal Claims		
Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Respiratory syncytial virus †	538 ppm	10 minutes
Rhinovirus Type 14 †	1076 ppm	10 minutes
Influenza Virus H1N1†	a) 538 ppm	a) 10 minutes
	b) 4306 ppm	b) 1 minute
Human Immunodeficiency Virus Type 1 (HIV-1) †	a) 1076 ppm	a) 10 minutes
	b) 4306 ppm	b) 1 minute
Hepatitis A virus †	a) 1076 ppm	a) 10 minutes
	b) 4306 ppm	b) 1 minute
Hepatitis B virus †	a) 1076 ppm	a) 10 minutes
	b) 4306 ppm	b) 1 minute
Hepatitis C virus †	4306 ppm	1 minute
Avian influenza A Virus (H5N1)†	a) 1076 ppm	a) 10 minutes
	b) 4306 ppm	b) 1 minute
Norovirus †	2153 ppm	1 minute
Poliovirus Type 1 †	1076 ppm	10 minutes
Coxsackievirus B3 †	4306 ppm	1 minute
Herpes simplex virus type 1 †	1076 ppm	10 minutes

Usage Table:		
Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Fungicidal/Yeasticidal Claims		
<i>Aspergillus fumigatus</i>	4306 ppm	1 minute
<i>Candida albicans</i>	4306 ppm	1 minute
<i>Trichophyton interdigitale</i>	a) 1076 ppm	a) 10 minutes
	b) 4306 ppm	b) 2 minutes

Clostridium difficile Claims		
Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
<i>Clostridium difficile</i> spores	a) 2153 ppm	a) 10 minutes
	b) 4306 ppm	b) 4 minutes

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

Animal Pathogens ¹		
Pathogen	Minimum Dose required (ppm)	Minimum Contact time required (minutes)
Canine Parvovirus †	1076 ppm	10 minutes
Herpes simplex virus type 1 *†	1076 ppm	10 minutes
Newcastle Disease Virus †	1076 ppm	10 minutes
Pseudorabies †	1076 ppm	10 minutes
Feline Calicivirus †	a) 1076 ppm	a) 10 minutes
	b) 2153 ppm	b) 1 minute
Canine Distemper virus †	1076 ppm	10 minutes
Infectious Canine hepatitis *†	1076 ppm	10 minutes
Teschen/Talfan disease *†	1076 ppm	10 minutes
Avian influenza virus H5N1 *†	a) 1076 ppm	a) 10 minutes
	b) 4306 ppm	b) 1 minute
Porcine parvovirus *†	1076 ppm	10 minutes
Runting & Stunting virus (tenosynovitis) *†	1076 ppm	10 minutes
Actinobacillus pleuropneumoniae *†	1076 ppm	10 minutes
Bordetella bronchiseptica (rhinitis) *†	1076 ppm	10 minutes
Brachyspira (Treponema/Serpulina) *†	1076 ppm	10 minutes
Hyodysenteriae (swine dysentery) *†	1076 ppm	10 minutes
Gumboro disease *†	1076 ppm	10 minutes
Streptococcus uberis *†	1076 ppm	10 minutes
Transmissible gastroenteritis (TGE) *†	1076 ppm	30 minutes
Swine Vesicular disease *†	1076 ppm	30 minutes
African swine fever *†	1076 ppm	30 minutes
Hog cholera/Classical swine fever *†	1076 ppm	30 minutes
Avipox (fowl pox) *†	1076 ppm	30 minutes
Respiratory syncytial virus *†	538 ppm	10 minutes
Bovine Viral Diarrhea Virus *†	4306 ppm	1 minute
Porcine epidemic diarrhea virus *†	1076 ppm	10 minutes

¹Note: This use has not been approved by the California DPR
²Note: These organisms not approved by the state of California

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