



## 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

# KEEP OUT OF REACH OF CHILDREN DANGER

## See product container label for additional precautionary statements and first aid and full directions for use.

For use in Cleaning and Disinfecting surfaces in beverage and food processing plants, schools, hospitals, nursing homes, child care centers, restaurants, stores, veterinary clinics, zoos and aquariums, dairy farms, farms, poultry premises, industrial facilities, kennels, boarding facilities, laboratories, lab animal facilities, institutions, catering, kitchens, Intensive Care Unit, operating rooms, dental facilities, gyms, health clubs, and restrooms. Effective against *Clostridioides difficile* spores. Effective against Hepatitis A virus, Hepatitis B virus and Hepatitis C virus. **PurTabs** 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. **PurTabs** is effective against the following micro-organisms on pre-cleaned, hard, non-porous, inanimate surfaces: *Salmonella enterica*, *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Klebsiella pneumoniae*, *Staphylococcus epidermidis*, *Escherichia coli* O157:H7, *Staphylococcus aureus* – methicillin-resistant (MRSA) & glycopeptide-resistant (GRSA), carbapenem resistant *Klebsiella pneumoniae*, *Acinetobacter baumannii*, *Streptococcus pneumoniae*, vancomycin resistant *Enterococcus faecalis*, Poliovirus type 1, Herpes simplex virus type 1, Hepatitis A virus, Hepatitis B virus, Hepatitis C virus, Human Immunodeficiency Virus Type 1 (associated with AIDS), Influenza A Virus H1N1, respiratory syncytial virus, Canine Parvovirus, Newcastle Disease Virus, Pseudorabies virus, Canine Distemper Virus, Feline Calicivirus, Norovirus, Coxsackievirus (Type B3), *Trichophyton interdigitale*, *Aspergillus fumigatus*, *Candida albicans*, *Mycobacterium bovis* (TB) *Clostridioides difficile* spores (formerly *Clostridium difficile*) and SARS Associated Coronavirus 2. Refer to Usage Table for solution concentration and contact times **PurTabs** is an effective Healthcare disinfectant tablet against *Candida auris* with a 2 minute contact time. Refer to Usage Table for solution concentration. **PurTabs** is designed to provide effective cleaning, and disinfection in areas where it is of prime importance in controlling cross contamination on treated pre-cleaned, hard, non-porous, inanimate surfaces. **PurTabs** is a disinfectant that disinfects pre-cleaned, hard, non-porous, inanimate surfaces. This cleaning process may be accomplished with any cleaner solution including PurTabs. **PurTabs** provides effective cleaning strength that will not dull high gloss floors finishes with repeated use.

## 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. See additional precautionary and first aid statements inside the label.

### 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. **PHYSICAL OR CHEMICAL HAZARDS:** STRONG OXIDIZING AGENT: Use only clean dry utensils. Mix only into water. Contamination with moisture, dirt, organic matter, 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.

## 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 daily with water of up to 400 ppm hardness or if solution becomes diluted or contaminated. 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.

### GENERAL SOLUTION APPLICATION:

Apply use solution to hard, non-porous, inanimate surfaces with brush, spray device, sponge, cloth, or mop as appropriate to wet all surfaces thoroughly. Allow to remain wet for contact time as indicated in the Usage Table, then remove product by wiping with brush, sponge, or cloth or allow to air dry. For sprayer applications using a spray device, spray at appropriate distance from surface depending on sprayer type (6 – 8 inches for spray bottles), (24 inches) for electrostatic spray devices. For applications using an electrostatic sprayer device, also refer to "Directions for Use when using an electrostatic sprayer device". Allow surface to remain visibly 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. **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.

### DIRECTIONS FOR USE WHEN USING AN ELECTROSTATIC SPRAYER DEVICE:

**Note:** This application method is appropriate for use against viruses at a concentration of 2153 ppm or above with a contact time of 1 minute, and bacteria at a concentration of 4306 ppm and above with a contact time of 4 minutes, as listed in the Usage Table: Electrostatics Only. It is not appropriate for use against fungi, *C difficile*, *M Bovis* (TB), biofilm or sanitization claims, as outlined in the General Usage Table. Prepare solution strength as required, refer to Usage Table : Electrostatics Only for correct doses and contact times; refer to Dilution Chart for solution preparation. Transfer solution to sprayer reservoir or prepare solution in sprayer reservoir as required; refer to sprayer manufacturing instruction. The median droplet size of the solution must be ≥40 µm in diameter. Ensure operator is wearing appropriate PPE, including N95 filtering facepiece respirators or half face respirators with N95 filters. Ensure area is vacated prior to spraying, all bystanders and pets must be removed from the area. Place the electrostatic spray function in the ON position for electrostatic spray models that have the functionality to toggle ON/OFF. Spray surfaces as per sprayer instructions from a 2 feet (24 inches) distance. Ensure all other appropriate directions for use as per this product label are also followed. Ensure surface remains visibly wet for the appropriate contact time, Re-apply if necessary. Allow to air dry.

### HEALTHCARE AND GENERAL DISINFECTION PERFORMANCE:

PurTabs 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 A Virus H1N1). Refer to Usage Table for the appropriate doses and contact times.

### HEALTHCARE AND GENERAL DISINFECTION DIRECTIONS

Prepare a 1076 ppm solution; (refer to Dilution Chart). Apply solution as directed under "General Solution Application". Note: Where a surface is visibly soiled, a pre-clean should always be completed.

### HEALTHCARE DISINFECTION WITHOUT PRECLEAN PERFORMANCE

PurTabs is a Healthcare disinfectant when used at the doses and contact times indicated in the Usage Table when used at the dosage and contact time as indicated in the Usage Table.

### HEALTHCARE DISINFECTION WITHOUT PRECLEAN DIRECTIONS

Prepare a 4306 ppm solution; refer to Dilution Chart. Apply solution as directed under General Solution Application. Refer to Usage Table for contact times required.

### 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 PurTabs 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 PurTabs to completely submerge instruments. Place instruments into the container of PurTabs, 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 visible debris. Immerse pre-rinsed instruments into an appropriate size container filled with PurTabs. 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 PurTabs or before immersion. **Immersion method using a soaking tray:** Immerse instruments into PurTabs and let stand for ten or 10 minutes. Change solution for each use. **Spray method** - Spray all surfaces of instruments with PurTabs until thoroughly wet. Let stand for 10 minutes.

†PurTabs is effective as a Healthcare disinfectant for microorganisms and blood borne viruses† (refer to Usage table) when used at the dose and contact time as indicated in the Usage Table.

Re-apply product as necessary to ensure surface remains wet.

†PurTabs 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.

### HEALTHCARE DISINFECTION/VIRUCIDAL† DIRECTIONS:

Prepare solution strength as required, refer to Usage Table for correct doses and contact times; refer to Dilution Chart for solution preparation. Apply solution as directed under "General Solution Application".

**KILLS HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (HIV-1), HEPATITIS A VIRUS, HEPATITIS B VIRUS AND HEPATITIS C VIRUS ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS). 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 PurTabs. This cleaning process may be accomplished with any cleaning solution including PurTabs. **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.

**PurTabs is also effective as a Healthcare disinfectant for hard, non-porous surfaces in critical areas potentially contaminated with Clostridioides difficile spores (formerly Clostridium difficile) when used at a level of 4306 ppm available chlorine disinfectant solution. A 4 minute contact time is required.**

### DISINFECTION FOR HARD, NON-POROUS SURFACES CONTAMINATED WITH CLOSTRIDIODES DIFFICILE (formerly Clostridium difficile)

**Directions for Use:** Prepare a 4306 ppm solution; refer to Dilution Chart. Apply solution as directed under "General Solution Application".

### Special Instructions for Cleaning Prior to Disinfection against Clostridioides 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.

**PurTabs is also effective as a healthcare disinfectant for hard, non-porous surfaces in critical areas potentially contaminated with Mycobacterium bovis (Tb) when used at a level of 5382 ppm available chlorine disinfectant solution. A 4 minute contact time is required.**

### DISINFECTION FOR HARD, NON-POROUS SURFACES CONTAMINATED WITH MYCOBACTERIUM BOVIS (Tb) IN 4 MINUTES AT 20°C (68°F)

**Special Label Instructions for Cleaning Prior to Disinfection against Mycobacterium bovis (Tb):** This product when used as directed below is effective against *Mycobacterium bovis*. (Tb) This product can be used on hard non-porous surfaces in commercial institutional hospital and other premises (including kitchens, bathrooms, nurseries, sick rooms, laundry rooms, eating establishments, pet kennels, and veterinary premises. To disinfect hard non-porous surfaces, first clean surface by removing visible filth (loose dirt, debris, food materials etc.). Prepare a 5382 ppm available chlorine solution. Thoroughly wet surface with the solution and allow it to remain in contact with the surface for 4 minutes. Remove product by rubbing with brush, sponge, wipe or cloth or allow to air dry.

**PurTabs is also effective as a Healthcare disinfectant for hard, non-porous surfaces in critical areas potentially contaminated with Candida auris when used at a level of 4306 ppm available chlorine disinfectant solution. A 2 minute contact time is required.**

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

**Personal Protection:** Wear appropriate barrier protection such as gloves, gowns, masks, or eye covering. **Cleaning Procedure:** Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with a clean cloth, mop, and/or sponge saturated with the product. Pre-cleaning is to include vigorous wiping and/or scrubbing and all visible soil is removed. Surfaces in patient rooms are to be cleaned in an appropriate manner, such as from right to left or left to right, on horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading the organism. Restrooms are to be cleaned last. Do not reuse soiled cloths. **Infectious Waste Disposal:** Materials used in the cleaning process that may contain feces/wastes are to be disposed of immediately in accordance with local regulations for infectious materials disposal. Apply solution as directed under "General Solution Application" Refer to Usage Table for doses and contact times.

### ANIMAL PATHOGENS PERFORMANCE:

When used at dosage and contact times as outlined in the Usage Table, PurTabs is effective against the following animal pathogens: Canine Parvovirus, Newcastle Disease Virus, Pseudorabies virus, Feline Calicivirus, Canine Distemper virus, Infectious Canine hepatitis<sup>2</sup>, Minute Virus of Mouse, Teschen/Talfan disease<sup>2</sup>, Influenza A Virus H1N1, Influenza A Virus H3N2, Avian Influenza A virus<sup>2</sup>, Porcine parvovirus<sup>2</sup>, Runting & Stunting virus (tenosynovitis)<sup>2</sup>, *Actinobacillus pleuropneumoniae*<sup>2</sup>, *Bordetella bronchiseptica*<sup>2</sup>, *Brachyspira Hyodysenteriae* (Treponema/Serpulina) (swine dysentery)<sup>2</sup>, Gumboro disease<sup>2</sup>, *Streptococcus uberis*<sup>2</sup>, Transmissible gastroenteritis (TGE)<sup>2</sup>, Swine Vesicular disease<sup>2</sup>, African swine fever<sup>2</sup>, Hog cholera/Classical swine fever<sup>2</sup>, Avipox (fowl pox)<sup>2</sup>, Respiratory syncytial virus<sup>2</sup>, Bovine Viral Diarrhea Virus<sup>2</sup>, Porcine epidemic diarrhea virus<sup>2</sup>, Porcine respiratory and reproductive syndrome (PRRS) virus. Re-apply product as necessary to ensure surface remains wet.

<sup>2</sup>Note: This use has not been approved by the California DPR.

### SPECIAL INSTRUCTIONS FOR CLEANING AND DISINFECTION 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 hard, non-porous surfaces with soap or detergent and rinse with water.
5. Saturate all hard, non-porous 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 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 remove product by rubbing with brush, sponge, wipe or cloth or allow to air dry before reuse.

### SANITIZER PERFORMANCE

PurTabs is an effective Sanitizer against *Staphylococcus aureus* *Listeria monocytogenes* and *Salmonella enterica* at 100 ppm with a 1 minute contact time on pre-cleaned, hard, non-porous surfaces.



### SANITIZER FOR FOOD AND BEVERAGE PROCESSING AND FOOD HANDLING OPERATIONS

Prepare a 100 ppm solution; refer to Dilution Chart for the number of tablets to use. This product is recommended for sanitizing all types of hard, non-porous equipment and utensils used in stores, restaurants, and institutional dining establishments. Use a 100 ppm available chlorine solution (refer to Dilution Chart) to sanitize previously cleaned processing and packaging equipment. Allow at least a 1 minute contact time before draining. Allow adequate draining before contact with beverages.

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

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

### FOOD CONTACT SANITIZING DIRECTIONS

#### HANDWASHING OF ITEMS IN A 2 COMPARTMENT SINK

1. Remove all visible 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.

Follow local health codes.

Where equipment and utensils are used for the preparation of foods on a continuous or production-line basis, utensils and the food-contact surfaces of equipment must be washed, rinsed with potable water and sanitized at intervals throughout the day on a schedule based on food temperature, type of food, and amount of food particle accumulation.

### SANITIZING APPLICATION METHODS

Prepare a 100 ppm solution; refer to Dilution Chart for the number of tablets to use. Freshly prepare all sanitizing solutions. Test solutions during use to ensure the concentration does not drop below the recommended level. Keep in properly labeled containers to protect against contamination. Discard unused solutions.

### 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.

### Soft, non-food contact surfaces sanitizer (natural or cotton fabrics) Directions for Use – Sprayer application

Prepare a 538 ppm solution (refer to Dilution Chart). Test on an inconspicuous area of fabric to ensure material compatibility or contact the manufacturer for advice. Spray surface until wet using suitable spray bottle. Surface must remain visibly wet for 2 minutes. Allow to air dry.

### Soft, non-food contact surfaces sanitizer (natural or cotton fabrics) Directions for Use – Soaking application

Prepare a 538 ppm solution (refer to Dilution Chart). Test on an inconspicuous area of fabric to ensure material compatibility or contact the manufacturer for advice. Soak fabric in solution ensuring fabric is completely wet for at least 2 mins. Remove fabric from solution and allow to air dry.

### DISINFECTION OF DRINKING WATER IN EMERGENCY/PUBLIC/INDIVIDUAL SYSTEMS

**EMERGENCY DRINKING WATER:** Use PurTabs to disinfect raw or pre-treated (settled, coagulated, and/or filtered) human and domestic animal drinking supplies on an emergency basis as defined in 40 CFR, Part 165-179. The treated water source may be a river, lake, well, cistern or similar system. The treated water should be clear and free of dirt and organic debris to obtain the optimum disinfection results. If the water source is cloudy and contains dirt and organic debris, the water should be in holding tanks or pond, treated with coagulating agents and filtered to remove dirt and organic debris. Add 10 g of PurTabs tablets per 70 gallons of water. Refer to Dilution Chart for the number of tablets to use to achieve available chlorine concentration of 10 ppm; Allow water to stand for seven to fifteen minutes before use. Maintain 1 ppm available chlorine residual, as determined by a reliable chlorine test kit, to ensure disinfection.

### INDIVIDUAL SYSTEMS:

**Dug Wells:** After the casing (lining) has been completed, use a stiff brush to wash the interior of the casing (lining) with a 100 ppm available chlorine solution. Refer to Dilution Chart for the number of tablets to use.

Cover the well, then pour the disinfecting solution through both the pipe sleeve opening and the pipeline. Wash the exterior of the pump cylinder with the disinfecting solution. Start the pump and pump water until a strong chlorine odor is detected in the water. Stop the pump and wait at least 24 hours. After 24 hours has passed, flush the well to remove all traces of chlorine from the water. Contact your local Health Department for further details.

### EMERGENCY DISINFECTION AFTER FLOODS:

**Wells:** Use a 500 ppm available chlorine solution to thoroughly flush the contaminated casing. Mix 70 g of PurTabs tablets with 10 gallons of water to prepare the use solution. Backwash the well to eliminate turbidity and increase yield. Add enough chlorinating solution to the backwash to produce 10 ppm available chlorine residual, as measured by a reliable chlorine test kit. After reducing the turbidity and treating the casing, add enough chlorinating solution to produce a 50 ppm available chlorine residual. Flush the well after 24 hours to remove all traces of chlorine from the water. Pump the well until a representative raw water sample is obtained. Conduct bacteriological sampling of the water to determine whether further treatment is necessary. If the water samples are biologically unacceptable repeat the disinfection treatment. Contact your local Health Department for further details.

**Reservoirs:** Establish chlorinating stations upstream of the reservoir if overflowing streams cause contamination. Chlorinate the inlet water until 0.2 ppm available chlorine residual in the entire reservoir is established, as measured by a reliable chlorine test kit. If surface drainage causes contamination, add enough PurTabs tablets directly to the reservoir to achieve a 0.2 ppm available chlorine residual in all areas.

### 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 puncture and dispose of in a sanitary landfill. Intro Section as per below

DILUTION CHART							
Tablet size	0.3 g		3.3 g		13.1 g		
Solution ppm (mg/L) Available Chlorine	Tablets per one Quart of Water	Tablets	Quarts of water	Tablets	Gallons of Water	Tablets	Quarts of water
0.5	1 in 200 qt	1	2170	1	2153	1	8612
1	1 in 100 qt	1	1085	1	1076	1	4304
1.5	1 in 66 qt	1	723	1	718	1	2872
3	1 in 33 qt	1	362	1	359	1	1436
4	1 in 25 qt	1	271	1	269	1	1076
5	1 in 20 qt	1	217	1	215	1	860
10	1 in 10 qt	1	100	1	100	1	400
100	1	1	10	1	10	1	40
538	6	1	2	1	2	1	8
1076	11	1	1	1	1	1	4
2153	21	2	1	2	1	1	2
4306	42	4	1	4	1	1	1
5382	53	5	1	5	1	5	4

Sold by:



EarthSafe Chemical Alternatives  
Braintree, MA 02184 | 1-866-666-2305



EPA Reg. No. 71847-6-91524  
EPA Est. No. 71847-IRL-001

USAGE TABLE		
	NON-ELECTROSTATIC USE	ELECTROSTATIC USE
PATHOGEN	MINIMUM REQUIRED DOSE (PPM) / CONTACT TIME	MINIMUM REQUIRED DOSE (PPM) / CONTACT TIME
<b>No Rinse Food Contact Sanitizer Claims</b>		
<i>Staphylococcus aureus</i> (ATCC 6538)	100 ppm / 1 minute	N/A
<i>Salmonella enterica</i> (ATCC 6539)	100 ppm / 1 minute	
<i>Listeria monocytogenes</i> (ATCC 19117)	100 ppm / 1 minute	
<b>Soft Non-Food Contact Surfaces Sanitizer Claims (Natural or Cotton Fabrics)</b>		
<i>Klebsiella aerogenes</i>	538 ppm / 2 minutes	N/A
<i>Staphylococcus aureus</i>	538 ppm / 2 minutes	
<b>Hard Surface Disinfection Claims – bacteria</b>		
<i>Staphylococcus aureus</i> (ATCC 6538)	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 2 minutes	4306 ppm <sup>3</sup> / 4 minutes
<i>Staphylococcus aureus</i> – methicillin resistant (MRSA) & glycopeptide-resistant (GRSA) (ATCC 33592)	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 2 minutes	4306 ppm <sup>3</sup> / 4 minutes
<i>Staphylococcus epidermidis</i> (ATCC 51624)	1076 ppm <sup>3</sup> / 4 minutes	4306 ppm <sup>3</sup> / 4 minutes
<i>Salmonella enterica</i> (ATCC 10708)	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 2 minutes	4306 ppm <sup>3</sup> / 4 minutes
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	1076 ppm <sup>3</sup> / 4 minutes 2153 ppm <sup>3</sup> / 2 minutes	4306 ppm <sup>3</sup> / 4 minutes
<i>Streptococcus pneumoniae</i> (ATCC 6305)	4306 ppm <sup>3</sup> / 4 minutes	4306 ppm <sup>3</sup> / 4 minutes
<i>Streptococcus uberis</i> (ATCC 19436)	1076 ppm <sup>3</sup> / 4 minutes	N/A
<i>Escherichia coli</i> O157:H7 (ATCC 35150)	1076 ppm <sup>3</sup> / 4 minutes	4306 ppm <sup>3</sup> / 4 minutes
<i>Acinetobacter baumannii</i> (ATCC BAA-1709)	4306 ppm <sup>3</sup> / 4 minutes	4306 ppm <sup>3</sup> / 4 minutes
Multi-drug resistant <i>Acinetobacter baumannii</i>	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 2 minutes	4306 ppm <sup>3</sup> / 4 minutes
Vancomycin resistant <i>Enterococcus faecalis</i> (ATCC 51575)	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 2 minutes	4306 ppm <sup>3</sup> / 4 minutes
Carbapenem resistant <i>Klebsiella pneumoniae</i> (ATCC BAA-1705)	4306 ppm <sup>3</sup> / 2 minutes	4306 ppm <sup>3</sup> / 4 minutes
<b>Virucidal Claims †</b>		
SARS Associated Coronavirus 2 (SARS- CoV-2) Strain Isolate USA-WA1/2020 †	1076 ppm / 4 minutes 2153 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 1 minute
Human Coronavirus strain 229E (ATCC VR-740) †	1076 ppm <sup>3</sup> / 2 minutes	2153 ppm <sup>3</sup> / 2 minutes
Respiratory syncytial virus† (ATCC VR-26)	538 ppm / 10 minutes 1076 ppm <sup>3</sup> / 2 minutes	2153 ppm <sup>3</sup> / 2 minutes
Rhinovirus Type 14 † (ATCC VR-284)	1076 ppm <sup>3</sup> / 2 minutes	2153 ppm <sup>3</sup> / 2 minutes
Influenza A Virus H1N1† (ATCC VR-99)	1076 ppm <sup>3</sup> / 10 minutes 4306 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 10 minutes
Influenza A Virus H3N2† (ATCC VR-544)	1076 ppm <sup>3</sup> / 2 minutes	2153 ppm <sup>3</sup> / 2 minutes
Human Immunodeficiency Virus Type 1 (HIV-1) † (Strain IIB)	1076 ppm <sup>3</sup> / 2 minutes 4306 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 2 minutes 4306 ppm <sup>3</sup> / 1 minute
Hepatitis A virus† (Strain HM175/18f)	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 1 minute 4306 ppm <sup>3</sup> / 1 minute
Hepatitis B virus† (Duck Hepatitis B virus (DHBV))	1076 ppm <sup>3</sup> / 2 minutes 4306 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 2 minutes 4306 ppm <sup>3</sup> / 1 minute
Hepatitis C virus† (Bovine Viral Diarrhea Virus Strain NADL – surrogate for Hepatitis C virus)	1076 ppm <sup>3</sup> / 2 minutes 4306 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 2 minutes 4306 ppm <sup>3</sup> / 1 minute
Avian Influenza A Virus (H5N1) † (CDC #2006719965)	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 1 minute
Norovirus† (ATCC VR-782)	1076 ppm / 4 minutes 2153 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 1 minute
Poliovirus Type 1 † (ATCC VR-1000)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
Coxsackievirus Type B3 † (ATCC VR-30)	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 1 minute
Herpes simplex virus type 1 † (ATCC VR-733)	1076 ppm <sup>3</sup> / 2 minutes	2153 ppm <sup>3</sup> / 2 minutes
<b>Fungicidal Claims</b>		
<i>Aspergillus fumigatus</i> (ATCC 36607)	4306 ppm <sup>3</sup> / 1 minute	N/A
<i>Candida albicans</i> (ATCC 10231)	4306 ppm <sup>3</sup> / 1 minute	
<i>Candida auris</i> (CDC AR-0381)	4306 ppm <sup>3</sup> / 2 minutes	
<i>Trichophyton interdigitale</i> (ATCC 9533)	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm <sup>3</sup> / 2 minutes	
<b>Clostridioides difficile Claims</b>		
<i>Clostridioides difficile</i> spores (ATCC 43598)	2153 ppm / 10 minutes 4306 ppm <sup>4</sup> / 4 minutes	N/A
<b>Mycobactericidal Claims</b>		
<i>Mycobacterium bovis</i> (TB) (ATCC 35743)	5382 ppm / 4 minutes	N/A
<b>Animal Pathogens<sup>1</sup></b>		
Canine Parvovirus † (ATCC VR-2017)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
Newcastle Disease Virus † (ATCC VR-180)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
Pseudorabies virus † (ATCC VR-135)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
Feline Calicivirus † (ATCC VR-782)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 1 minute
Canine Distemper virus † (ATCC VR-128)	1076 ppm / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
Infectious Canine hepatitis <sup>2†</sup> (ATCC VR 293)	1076 ppm / 10 minutes	N/A
Minute Virus of Mouse (MVM) <sup>†</sup> (ATCC VR-1346)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
Teschen/Talfan disease <sup>2†</sup> ATCC VR-669)	1076 ppm / 10 minutes	2153 ppm / 10 minutes
Influenza A Virus H1N1† (ATCC VR-99)	1076 ppm / 10 minutes 4306 ppm <sup>3</sup> / 1 minute	2153 ppm <sup>3</sup> / 10 minutes
Influenza A Virus H3N2† (ATCC VR-544)	1076 ppm <sup>3</sup> / 2 minutes	2153 ppm <sup>3</sup> / 2 minutes
Avian Influenza A virus (H5N1) <sup>2†</sup> (ATCC VR-1608)	1076 ppm <sup>3</sup> / 4 minutes 4306 ppm / 1 minute	2153 ppm <sup>3</sup> / 4 minutes 4306 ppm / 1 minute
Porcine parvovirus <sup>2†</sup> (ATCC VR-742)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
Runting & Stunting virus (tenosynovitis) <sup>2†</sup> Avian reovirus (ATCC VR-2449)( ATCC VR-21)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
<i>Actinobacillus pleuropneumoniae</i> <sup>2†</sup> (ATCC 27088)	1076 ppm / 10 minutes	4306 ppm / 10 minutes
<i>Bordetella bronchiseptica</i> <sup>2†</sup> (ATCC 10580)	1076 ppm / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
<i>Brachyspira Hyodysenteriae</i> (Treponema/ Serpulina) (swine dysentery) <sup>2†</sup> (ATCC 27164)	1076 ppm / 10 minutes	4306 ppm <sup>3</sup> / 10 minutes
Gumboro disease <sup>2†</sup> (ATCC VR-478)	1076 ppm / 10 minutes	2153 ppm / 10 minutes
<i>Streptococcus uberis</i> <sup>2†</sup> (ATCC 9927)	1076 ppm <sup>3</sup> / 4 minutes	4306 ppm <sup>3</sup> / 4 minutes
Transmissible gastroenteritis (TGE) <sup>†</sup> (ATCC VR-743)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
Swine Vesicular disease <sup>2†</sup> (ATCC VR-158)	1076 ppm / 30 minutes	2153 ppm / 30 minutes
African swine fever <sup>2†</sup> (ASFV)	1076 ppm / 30 minutes	2153 ppm / 30 minutes
Hog cholera/Classical swine fever <sup>2†</sup> (CSFV)	1076 ppm / 30 minutes	2153 ppm / 30 minutes
Avipox (fowl pox) <sup>2†</sup> (FPV)	1076 ppm / 30 minutes	2153 ppm / 30 minutes
Respiratory syncytial virus <sup>2†</sup> (ATCC VR-26)	538 ppm / 10 minutes 1076 ppm <sup>3</sup> / 2 minutes	2153 ppm <sup>3</sup> / 2 minutes
Bovine Viral Diarrhea Virus <sup>2†</sup> (Strain NADL)	4306 ppm <sup>3</sup> / 1 minute	4306 ppm <sup>3</sup> / 1 minute
Porcine epidemic diarrhea virus <sup>2†</sup> (Strain Colorado)	1076 ppm <sup>3</sup> / 4 minutes	2153 ppm <sup>3</sup> / 4 minutes
Porcine respiratory and reproductive syndrome (PRRS) virus (Strain NVSL)	1076 ppm / 4 minutes	2153 ppm / 4 minutes

<sup>1</sup>Note: these organisms not approved by the state of California

<sup>2</sup>Note: testing has been conducted in the presence of ≥5% serum soil load

<sup>3</sup>Note: testing has been conducted in the presence of 0.25% Bovine Serum Albumin, 0.08% Bovine Mucin and 0.35% Yeast Extract soil load