

# PUR·ONE®

EFFERVESCENT CLEANER & DISINFECTANT TABLETS



## 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 Disinfection on hard non-porous 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 *Clostridium difficile* spores. Effective against Hepatitis A virus, Hepatitis B virus and Hepatitis C virus.

### Effervescent Disinfectant Tablets for Hospitals and Institutional Use

PUR·ONE 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 virus H1N1, respiratory syncytial virus, Canine Parvovirus, Newcastle Disease Virus, Pseudorabies virus, Canine Distemper Virus, Feline Calicivirus, Norovirus, Coxsackievirus, *Trichophyton*, *interdigitale*, *Aspergillus fumigatus*, *Mycobacterium bovis* (TB) and *Clostridium difficile* spores. Refer to Usage Table for solution concentration and contact times.

PUR·ONE 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.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

### FIRST AID:

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

### IN THE EVENT OF A MEDICAL EMERGENCY CALL YOUR POISON CONTROL CENTER AT 1-800-222-1222.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**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.

## 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.

PUR·ONE 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.

**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.

### GENERAL DISINFECTION PERFORMANCE

PUR·ONE is a general disinfectant effective against *Staphylococcus aureus*, *Salmonella enterica*, *Pseudomonas aeruginosa* and cold and flu respiratory syncytial virus, Influenza Virus H1N1 when used at the dosage and contact time as detailed in the usage table.

### GENERAL DISINFECTION DIRECTIONS

Prepare a 538 ppm solution (refer to Dilution Chart). Apply to pre-cleaned surface with mop, cloth, sponge, brush, wipe, or coarse trigger sprayer. Allow surface to remain wet for 10 minutes. then remove product by wiping with brush, sponge, or cloth, or allow to air dry.

### DISINFECTION/VIRUCIDAL<sup>†</sup> 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 mop, cloth, sponge, brush, wipe, or mechanical sprayer to wet all surfaces thoroughly. Allow surface 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.

Before using this product, food products and packaging materials must be removed from the room or carefully protected.

### HEALTHCARE DISINFECTION WITHOUT PRECLEAN

PUR·ONE is a Healthcare disinfectant when used at a level of 4,306 ppm available chlorine disinfectant solution. It is effective against Norovirus, Coxsackievirus, and *Aspergillus fumigatus* with a 1 minute contact time. 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*, Influenza Virus H1N1, and Avian influenza A virus with a 4 minute contact time.

### HEALTHCARE DISINFECTION WITHOUT PRECLEAN DIRECTIONS

Prepare a 4,306 ppm solution; refer to Dilution Chart. Apply use solution 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), then remove product by wiping with brush, sponge, or cloth, or allow to air dry.

### PERFORMANCE AGAINST BACTERIA GROWING IN A BIOFILM ON HARD NON-POROUS

**NON-FOOD CONTACT SURFACES:** PUR·ONE is also effective against bacteria ‡ *Staphylococcus aureus* and *Pseudomonas aeruginosa* growing in biofilms on hard, non-porous, non-food contact surfaces when used at a level of 4306 ppm available chlorine disinfectant solution with a 4 minute contact time.

**DIRECTIONS FOR USE AGAINST BACTERIA GROWING IN A BIOFILM:** Pre-clean surfaces to remove soil and filth. Wipe dry. Prepare a 4306 ppm solution. Thoroughly wet pre-cleaned surface with product. Allow surface to remain wet for 4 minutes. Rinse thoroughly.

### 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). Kills Human Immunodeficiency Virus Type 1 (HIV-1), Hepatitis A virus and Hepatitis B virus at 1076 ppm active chlorine solution in 10 minutes. Kills, Human Immunodeficiency Virus Type 1 (HIV-1), Hepatitis A virus, Hepatitis B virus and Hepatitis C virus at 4306 ppm active chlorine solution in 1 minute. 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 PUR·ONE. This cleaning process may be accomplished with any cleaning solution including PUR·ONE.

**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.

PUR·ONE is also effective as a Healthcare disinfectant for critical areas potentially contaminated with *Clostridium difficile* spores when used at a level of 2153ppm available chlorine disinfectant solution. A 10 minute contact time is required.

### *Clostridium Difficile*

### DISINFECTION FOR SURFACES CONTAMINATED WITH CLOSTRIDIUM DIFFICILE

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

**Personal Protection:** Wear appropriate barrier protection such as gloves, gowns, masks or eye covering.

**Cleaning Procedure:** Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with a clean cloth, mop, and/or sponge saturated with the disinfectant product. Cleaning is to include vigorous wiping and/or scrubbing, until all visible soil is removed. Special attention is needed for high-touch surfaces. Surfaces in patient rooms are to be cleaned in an appropriate manner, such as from right to left or left to right on horizontal surfaces, and top to bottom on vertical surfaces, to minimize spreading of the spores. Restrooms are to be cleaned last. Do not reuse soiled cloths.

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

**Directions for Use:** Prepare a 2153 ppm solution; refer to Dilution Chart. Apply to pre-cleaned surface with mop, cloth, sponge, brush, wipe, or mechanical sprayer. Allow surface to remain wet for 10 minutes then remove product by wiping with brush, sponge, or cloth, or allow to air dry.

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

### 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):** 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 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 gross filth (loose dirt debris food materials etc). Prepare a 5,382 ppm available chlorine solution. Apply use solution to pre-cleaned, hard, non-porous, inanimate surfaces with mop, cloth, sponge, brush, wipe, or mechanical sprayer to wet all surfaces thoroughly. Allow surface to remain wet for for 4 minutes then remove product by wiping with brush, sponge, or cloth, or allow to air dry.

### ANIMAL PATHOGENS:

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

<sup>†</sup>Note: These organisms not approved by the state of California.

## SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION IN ANIMAL HOUSING FACILITIES:

1. Remove all animals and feed from premises, vehicles, and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with appropriate solution strength for the appropriate contact time, refer to Usage Table for correct dose and contact time, and to Dilution Chart for solution preparation.
6. 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.

### SANITIZER PERFORMANCE

PUR-ONE is an effective Sanitizer against *Staphylococcus aureus* and *Salmonella enterica* at 100 ppm with a 1 minute contact time.

### 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 food processing and canning plants, bottling plants, breweries, fish processing plants, meat and poultry processing plants, milk handling and processing plants, stores, restaurant 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 one minute contact time before draining. Allow adequate draining before contact with beverages.

### 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.

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

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 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 at least one minute, drain the excess solution from the surface, rinse thoroughly with potable water 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 one minute contact time for sanitizing dishes, glasses, food processing equipment, or utensils. Allow to drain, rinse thoroughly with potable water and allow to air dry before use.
4. Promptly use the sanitizing solution. Prepared solutions cannot be reused for sanitizing.

DILUTION CHART					
Tablet size	0.3 g	3.34 g		13.1 g	
Solution ppm (mg/L) Available Chlorine	Tablets per one Quart of Water	Tablets	Quarts of Water	Tablets	Gallons of Water
0.5	1 in 200 qt	1	2170	1	2153
1	1 in 100 qt	1	1085	1	1076
1.5	1 in 66 qt	1	723	1	718
3	1 in 33 qt	1	362	1	359
4	1 in 25 qt	1	271	1	269
5	1 in 20 qt	1	217	1	215
10	1 in 10 qt	1	100	1	100
100	1	1	10	1	10
538	6	1	2	1	2
1076	11	1	1	1	1
2153	21	2	1	2	1
4306	42	4	1	4	1
5382	53	5	1	5	1

Sold by:



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EPA Reg. No. 71847-7-91524  
EPA Est. No. 71847-IRL-001

## USAGE TABLE:

PATHOGEN	MINIMUM DOSE REQUIRED (PPM)	MINIMUM CONTACT TIME REQUIRED (MINUTES)
<b>Sanitizer Claims</b>		
<i>Staphylococcus aureus</i> (ATCC 6538)	100 ppm	1 minute
<i>Salmonella enterica</i> (ATCC 6539)	100 ppm	1 minute
<b>Disinfection Claims - bacteria</b>		
<i>Staphylococcus aureus</i> (ATCC 6538)	538 ppm	10 minutes
	4306 ppm	4 minutes
<i>Staphylococcus aureus</i> - methicillin resistant (MRSA) & glycopeptide-resistant (GRSA) (ATCC 33592)	1076 ppm	10 minutes
	4306 ppm	4 minutes
<i>Staphylococcus epidermidis</i> (ATCC 51624)	1076 ppm	10 minutes
<i>Salmonella enterica</i> (ATCC 10708)	538 ppm	10 minutes
	4306 ppm	4 minutes
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	538 ppm	10 minutes
	4306 ppm	4 minutes
<i>Streptococcus pneumoniae</i> (ATCC 6305)	4306 ppm	4 minutes
<i>Escherichia coli</i> O157:H7 (ATCC 35150)	1076 ppm	10 minutes
<i>Acinetobacter baumannii</i> (ATCC BAA-1709)	4306 ppm	4 minutes
Vancomycin resistant <i>Enterococcus faecalis</i> (ATCC 51575)	1076 ppm	10 minutes
	4306 ppm	4 minutes
Carbapenem resistant <i>Klebsiella pneumoniae</i> (ATCC BAA-1705)	4306 ppm	4 minutes
<i>Klebsiella pneumoniae</i> (ATCC 4352)	1076 ppm	10 minutes
<b>Biofilm Claims</b>		
<i>Pseudomonas aeruginosa</i> (in a biofilm) <sup>†</sup> (ATCC 15442)	4306 ppm	4 minutes
<i>Staphylococcus aureus</i> (in a biofilm) <sup>†</sup> (ATCC 6538)	4306 ppm	4 minutes
<b>Virucidal Claims</b>		
Respiratory syncytial virus <sup>†</sup> (ATCC VR-26)	538 ppm	10 minutes
Rhinovirus Type 14 <sup>†</sup> (ATCC VR-284)	1076 ppm	10 minutes
Influenza Virus H1N1 <sup>†</sup> (ATCC VR-99)	538 ppm	10 minutes
Human Immunodeficiency Virus Type 1 (HIV-1) <sup>†</sup> (Strain IIIB)	1076 ppm	10 minutes
	4306 ppm	1 minute
Hepatitis A virus <sup>†</sup> (Strain HM175/18f)	1076 ppm	10 minutes
	4306 ppm	1 minute
Hepatitis B virus <sup>†</sup> (Duck Hepatitis B virus (DHBV))	1076 ppm	10 minutes
	4306 ppm	1 minute
Hepatitis C virus <sup>†</sup> (Bovine Viral Diarrhea Virus Strain NADL - surrogate for Hepatitis C virus)	4306 ppm	1 minute
Avian influenza A virus (H5N1) <sup>†</sup> (CDC #2006719965)	4306 ppm	1 minute
Norovirus <sup>†</sup> (ATCC VR-782)	2153 ppm	1 minute
Poliovirus Type 1 <sup>†</sup> (ATCC VR-1000)	1076 ppm	10 minutes
Coxsackievirus B3 <sup>†</sup> (ATCC VR-30)	4306 ppm	1 minute
Herpes simplex virus type 1 <sup>†</sup> (ATCC VR-733)	1076 ppm	10 minutes
<b>Fungicidal/Yeastocidal Claims</b>		
<i>Aspergillus fumigatus</i> (ATCC 36607)	4306 ppm	1 minute
<i>Trichophyton interdigitale</i> (ATCC 9533)	1076 ppm	10 minutes
<b>Clostridium difficile Claims</b>		
<i>Clostridium difficile</i> spores (ATCC 43598)	2153 ppm	10 minutes
	4306 ppm	4 minutes
<b>Mycobactericidal Claims</b>		
<i>Mycobacterium bovis</i> (TB) (ATCC 35743)	5382 ppm	4 minutes
<b>Animal Pathogens<sup>1</sup></b>		
Canine Parvovirus <sup>†</sup> (ATCC VR-2017)	1076 ppm	10 minutes
Herpes simplex virus type 1 <sup>†</sup> (ATCC VR-733)	1076 ppm	10 minutes
Newcastle Disease Virus <sup>†</sup>	1076 ppm	10 minutes
Pseudorabies virus <sup>†</sup> (ATCC VR-135)	1076 ppm	10 minutes
Feline Calicivirus <sup>†</sup> (ATCC VR-782)	1076 ppm	10 minutes
	2153 ppm	1 minute
Canine Distemper virus <sup>†</sup> (ATCC VR-128)	1076 ppm	10 minutes
Infectious Canine hepatitis <sup>†</sup> (ATCC VR 293)	1076 ppm	10 minutes
Teschen/Talfan disease <sup>†</sup> (ATCC VR-669)	1076 ppm	10 minutes
Avian influenza virus H5N1 <sup>†</sup> (ATCC VR-1608)	4306 ppm	1 minute
Porcine parvovirus <sup>†</sup> (ATCC VR-742)	1076 ppm	10 minutes
Runting & Stunting virus (tenosynovitis) <sup>†</sup> (ATCC VR-2449) (ATCC VR-21)	1076 ppm	10 minutes
<i>Actinobacillus pleuropneumoniae</i> <sup>†</sup> (NCTC 12370) (ATCC 27088)	1076 ppm	10 minutes
<i>Bordetella bronchiseptica</i> (rhinitis) <sup>†</sup> (ATCC 19)	1076 ppm	10 minutes
<i>Brachyspira hyodysenteriae</i> (Treponema/Serpulina) (swine dysentery) <sup>†</sup> (ATCC 27164)	1076 ppm	10 minutes
Gumboro disease <sup>†</sup> (ATCC VR-478)	1076 ppm	10 minutes
<i>Streptococcus uberis</i> <sup>†</sup> (ATCC 9927)	1076 ppm	10 minutes
Transmissible gastroenteritis (TGE) <sup>†</sup> (ATCC VR-743)	1076 ppm	30 minutes
Swine Vesicular disease <sup>†</sup> (ATCC VR-158)	1076 ppm	30 minutes
African swine fever <sup>†</sup> (ASFV)	1076 ppm	30 minutes
Hog cholera/Classical swine fever <sup>†</sup> (CSFV)	1076 ppm	30 minutes
Avipox (fowl pox) <sup>†</sup> (FPV)	1076 ppm	30 minutes
Respiratory syncytial virus <sup>†</sup> (ATCC VR-26)	538 ppm	10 minutes
Bovine Viral Diarrhea Virus <sup>†</sup> (Strain NADL)	4306 ppm	1 minute
Porcine epidemic diarrhea virus <sup>†</sup> (Strain Colorado)	1076 ppm	10 minutes

<sup>1</sup> Note: This use has not been approved by the California DPR.

<sup>†</sup> Note: These organisms not approved by the state of California