

## For Use in Life Science Laboratories, Medical Clinics and Offices and Spas/Salons

This product is a one-step germicidal disinfectant cleaner and odor neutralizer designed for general cleaning, and disinfecting, of hard, non-porous environmental surfaces. PREempt RTU cleans by removing dirt, grime, food residue, dead skin, blood and other organic matter commonly found on medical surfaces and in laboratory settings. It eliminates odors, leaving surfaces smelling clean and fresh. Use where odors are a problem.

It also cleans by removing dirt, grime, dead skin, blood, mold stains, body oils and other common soils found in airplanes, airports, vehicles, transportation terminals, spas, salons, and tattoo parlors.

This product cleans, disinfects and deodorizes hard, non-porous environmental surfaces in one step. Its non-abrasive formula is designed for use on the following hard, non-porous environmental surfaces listed on this label made from: painted surfaces, plastic, glazed ceramic, glazed porcelain, chrome, stainless steel, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, and sinks, including those found in shower rooms and fume hoods found in laboratory settings.

For use on soft surfaces<sup>1</sup> (blinds, bedding, blankets, chairs, couches, curtains, drapes, linens, mattresses, soft cushions, sheets, sofas, upholstered furniture, wash cloths and window treatments). (<sup>1</sup>composed of cotton or polyester)

### Directions For Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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.

#### FOR USE AS A ONE-STEP CLEANER/DISINFECTANT PRODUCT:

1. Pre-clean heavily soiled areas.
2. Apply Solution by spray, cloth, disposable wipe or mop to hard, non-porous environmental surfaces.
3. All surfaces must remain wet for 1 minute. Use a 5 minute contact time for TB<sup>1</sup> and a 10 minute contact for fungi.
4. Wipe surfaces dry.



LICENSED

8477.5

PERIOD 2015-2017 LIC. NO.

# PREempt RTU

## Ready to Use Multi-Surface One-Step Disinfectant Cleaner

### Active Ingredient:

Hydrogen Peroxide..... 0.5%

Inert Ingredients .....99.5%

Total .....100.0%

### KEEP OUT OF REACH OF CHILDREN

Part No. XXXXX

See reference sheet for a complete list of pathogenic organisms, additional features, and claims.

Meets OSHA Bloodborne Pathogen Standard for \*HBV & \*HCV

EPA Reg. No. 74559-1  
EPA Est. No. 74559-CAN-1



Net Contents:

# 1 U.S. Quart

### Claims

See reference sheet for a complete list of pathogenic organisms claimed for this product.

#### \*VIRUCIDAL: 1 MIN.

In the presence of 5% serum load and 1 minute contact time at 20°C on hard, non-porous environmental surfaces.

- \*Poliovirus Type 1, Strain Brunhilde (ATCC VR-1000)
- \*Feline Calicivirus, Strain F9 (ATCC VR-782)
- \*Norovirus (Feline Calicivirus, as the surrogate)
- \*HIV-1 (AIDS Virus), Strain HTLV-IIIB (HIV-1)
- \*Human Coronavirus (ATCC VR-740)

\*This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.

#### BACTERICIDAL: 1 MIN.

In the presence of 5% serum load and 1 minute contact time at 20°C on hard, non-porous environmental surfaces against:

- Pseudomonas aeruginosa* (ATCC 15442)
- Staphylococcus aureus* (ATCC 6538)
- Salmonella enterica* (formerly known as *Salmonella choleraesuis*) (ATCC 10708)
- Staphylococcus aureus* MRSA (ATCC 33592)
- Enterococcus faecalis* VRE (ATCC 51575)
- Escherichia Coli* with extended beta-lactamase resistance (ESBL) (ATCC BAA-196)

#### FUNGICIDAL: 10 MIN.

In the presence of 5% serum load and 10 minute contact time at 20°C on hard, non-porous environmental surfaces.

- Trichophyton mentagrophytes* (ATCC 9533)

#### TUBERCULOCIDAL: 5 MIN.

In the presence of 5% serum load and 5 minute contact time at 20°C on hard, non-porous environmental surfaces.

- \**Mycobacterium bovis* (BCG) (OT 451C150)

#### BROAD-SPECTRUM NON-FOOD CONTACT SANITIZING: 30 SEC.

In the presence of 5% serum load and 30 second contact time at 20°C on hard, non-porous environmental surfaces.

- Klebsiella pneumoniae* (ATCC 432)
- Staphylococcus aureus* (ATCC 6538)

#### SOFT SURFACE<sup>1</sup> SANITIZING: 1 MIN.

- Enterobacter aerogenes* (ATCC 13048)
- Staphylococcus aureus* (ATCC 6538)

TB<sup>1</sup> stands for BCG (*Mycobacterium bovis*)  
READ S.D.S. BEFORE USING PRODUCT.  
S.D.S. is available on line at [www.virox.com](http://www.virox.com)

PREempt RTU is an effective disinfectant on non-food contact surfaces.

**\*KILLS HIV, HCV AND HBV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings and other settings in which there is an expected likelihood of soiling of inanimate surfaces / objects with blood / body fluids, and in which the surfaces / objects likely to be soiled with blood / body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis C Virus (HCV) or Hepatitis B Virus (HBV).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS), HCV OR HBV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings must be worn during all cleaning of body fluids, blood, and decontamination procedures.

**Cleaning Procedures:** Blood / body fluids must be thoroughly cleaned from surfaces / objects before application of PREempt RTU.

**Contact Time:** Allow surface to remain wet for 1 minute to kill HIV-1, HCV and HBV. Use a 5 minute contact time for TB<sup>1</sup> and a 10 minute contact for fungi.

**Disposal of Infectious Material:** Blood / body fluids should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

### Storage and Disposal

**PESTICIDE STORAGE:** Store in original container in areas inaccessible to small children. Keep securely closed.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill empty container. Rinse thoroughly. Offer for recycling or discard in trash.

**NOTICE TO USER:** PREempt RTU may not be suitable for all items or surfaces. Prolonged exposure to copper, brass, anodized aluminum and some coatings should be avoided. If you are uncertain as to the material composition of your item, confirm with the manufacturer before proceeding or visit the Compatibility section on [www.virox.com](http://www.virox.com) for a listing of compatible materials.



Manufactured by:  
**Virox Technologies Inc.**  
2770 Coventry Road  
Oakville, ON Canada L6H 6R1  
1-800-387-7578 | [virox.com](http://virox.com)



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## For Use in Life Science Laboratories, Medical Clinics and Offices and Spas/Salons

This product is a one-step germicidal disinfectant cleaner and odor neutralizer designed for general cleaning, and disinfecting, of hard, non-porous environmental surfaces. PREempt RTU cleans by removing dirt, grime, food residue, dead skin, blood and other organic matter commonly found on medical surfaces and in laboratory settings. It eliminates odors, leaving surfaces smelling clean and fresh. Use where odors are a problem.

It also cleans by removing dirt, grime, dead skin, blood, mold stains, body oils and other common soils found in airplanes, airports, vehicles, transportation terminals, spas, salons, and tattoo parlors.

This product cleans, disinfects and deodorizes hard, non-porous environmental surfaces in one step. Its non-abrasive formula is designed for use on the following hard, non-porous environmental surfaces listed on this label made from: painted surfaces, plastic, glazed ceramic, glazed porcelain, chrome, stainless steel, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, and sinks, including those found in shower rooms and fume hoods found in laboratory settings.

For use on soft surfaces<sup>†</sup> (blinds, bedding, blankets, chairs, couches, curtains, drapes, linens, mattresses, soft cushions, sheets, sofas, upholstered furniture, wash cloths and window treatments).

## Directions For Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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.

### FOR USE AS A CLEANER AND/OR DEODORIZER

Apply to surfaces by spray, cloth, sponge, or mop. Wipe surfaces dry.

### FOR USE AS A ONE-STEP CLEANER/DISINFECTANT PRODUCT:

1. Pre-clean heavily soiled areas.
2. Apply Solution by spray, cloth, disposable wipe or mop to hard, non-porous environmental surfaces.
3. All surfaces must remain wet for 1 minute. Use a 5 minute contact time for TB<sup>†</sup> and a 10 minute contact for fungi.
4. Wipe surfaces dry.

**TO SANITIZE SOFT SURFACES<sup>†</sup>:** Spray a light even coating on soiled fabric until damp. Allow area to remain damp for 1 minute. Gently blot area with a clean, damp, color-safe cloth. Repeat as needed (for stubborn stains or heavy fabrics). Let air dry.

### FOR USE TO CLEAN AND DISINFECT LIFE SCIENCE LABORATORY SURFACES, INSTRUMENTS, AND GLASSWARE:

1. Pre-clean heavily soiled areas.
2. Apply Solution by spray, cloth, disposable wipe or mop to hard, non-porous environmental surfaces or completely immerse pre-cleaned glassware and compatible instruments in the solution.
3. Immerse or allow the surface to remain wet for 1 minute. Use a 5 minute contact time for TB<sup>†</sup> and a 10 minute contact for fungi.
4. For glassware/instrument: Rinse surface thoroughly and let air dry before reuse. For surfaces: Wipe surface dry.
5. Change immersion solution after each use.

# PREempt RTU

## Ready to Use Multi-Surface One-Step Disinfectant Cleaner

### Active Ingredient:

Hydrogen Peroxide ..... 0.5%

Inert Ingredients ..... 99.5%

Total..... 100.0%



See reference sheet for a complete list of pathogenic organisms, additional features, and claims.

### KEEP OUT OF REACH OF CHILDREN

Meets OSHA Bloodborne Pathogen Standard for \*HBV & \*HCV

Net Contents:

# 1 Gallon

EPA Reg. No. 74559-1  
EPA Est. No. 74559-CAN-1

Part No. XXXXX

## Claims

See reference sheet for a complete list of pathogenic organisms claimed for this product.

### \*VIRUCIDAL: 1 MIN.

In the presence of 5% serum load and 1 minute contact time at 20°C on hard, non-porous environmental surfaces.

- \*Poliovirus Type 1, Strain Brunhilde (ATCC VR-1000)
- \*HIV-1 (AIDS Virus), Strain HTLV-IIIB (HIV-1)
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- \*Norovirus (Feline Calicivirus, as the surrogate)
- \*Human Coronavirus (ATCC VR-740)

\*This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.

### BACTERICIDAL: 1 MIN.

In the presence of 5% serum load and 1 minute contact time at 20°C on hard, non-porous environmental surfaces against:

- Pseudomonas aeruginosa* (ATCC 15442)
- Staphylococcus aureus* (ATCC 6538)
- Salmonella enterica* (formerly known as *Salmonella choleraesuis*) (ATCC 10708)
- Staphylococcus aureus* MRSA (ATCC 33592)
- Enterococcus faecalis* VRE (ATCC 51575)
- Escherichia Coli* with extended beta-lactamase resistance (ESBL) (ATCC BAA-196)

### FUNGICIDAL: 10 MIN.

In the presence of 5% serum load and 10 minute contact time at 20°C on hard, non-porous environmental surfaces.

*Trichophyton mentagrophytes* (ATCC 9533)

### TUBERCULOCIDAL: 5 MIN.

In the presence of 5% serum load and 5 minute contact time at 20°C on hard, non-porous environmental surfaces.

<sup>†</sup>*Mycobacterium bovis* (BCG) (OT 451C150)

### BROAD-SPECTRUM NON-FOOD CONTACT SANITIZING: 30 SEC.

In the presence of 5% serum load and 30 second contact time at 20°C on hard, non-porous environmental surfaces.

- Klebsiella pneumoniae* (ATCC 4352)
- Salmonella enterica* (formerly known as *Salmonella choleraesuis*) (ATCC 10708)
- Pseudomonas aeruginosa* (ATCC 15442)
- Staphylococcus aureus* (ATCC 6538)
- Escherichia Coli* O157:H7 (ATCC 35150)

### SOFT SURFACE<sup>†</sup> SANITIZATION: 1 MIN.

- Enterobacter aerogenes* (ATCC 13048)
- Staphylococcus aureus* (ATCC 6538)

<sup>†</sup>composed of cotton or polyester  
TB<sup>†</sup> stands for BCG (*Mycobacterium bovis*)



LICENSED

PERIOD 2015-2017 LIC. NO. **8477.5**

READ S.D.S. BEFORE USING PRODUCT.  
S.D.S. is available on line at [www.virox.com](http://www.virox.com)

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**\*KILLS HIV, HCV AND HBV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings and other settings in which there is an expected likelihood of soiling of inanimate surfaces / objects with blood / body fluids, and in which the surfaces / objects likely to be soiled with blood / body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis C Virus (HCV) or Hepatitis B Virus (HBV).

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings must be worn during all cleaning of body fluids, blood, and decontamination procedures.

**Cleaning Procedures:** Blood / body fluids must be thoroughly cleaned from surfaces / objects before application of PREempt RTU.

**Contact Time:** Allow surface to remain wet for 1 minute to kill HIV-1, HCV and HBV. Use a 5 minute contact time for TB<sup>†</sup> and a 10 minute contact for fungi.

**Disposal of Infectious Material:** Blood / body fluids should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS), HCV OR HBV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

## Storage and Disposal

**PESTICIDE STORAGE:** Store in original container in areas inaccessible to small children. Keep securely closed.

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### FOR USE AS A CLEANER AND/OR DEODORIZER

Apply to surfaces by spray, cloth, sponge, or mop. Wipe surfaces dry.

### FOR USE AS A ONE-STEP CLEANER/ DISINFECTANT PRODUCT:

1. Pre-clean heavily soiled areas.
2. Apply Solution by spray, cloth, disposable wipe or mop to hard, non-porous environmental surfaces.
3. All surfaces must remain wet for 1 minute. Use a 5 minute contact time for TB<sup>†</sup> and a 10 minute contact for fungi.
4. Wipe surfaces dry.

**TO SANITIZE SOFT SURFACES<sup>‡</sup>:** Spray a light even coating on soiled fabric until damp. Allow area to remain damp for 1 minute. Gently blot area with a clean, damp, color-safe cloth. Repeat as needed (for stubborn stains or heavy fabrics). Let air dry.

### FOR USE TO CLEAN AND DISINFECT LIFE SCIENCE LABORATORY SURFACES, INSTRUMENTS, AND GLASSWARE:

1. Pre-clean heavily soiled areas.
2. Apply Solution by spray, cloth, disposable wipe or mop to hard, non-porous environmental surfaces or completely immerse pre-cleaned glassware and compatible instruments in the solution.
3. Immerse or allow the surface to remain wet for 1 minute. Use a 5 minute contact time for TB<sup>†</sup> and a 10 minute contact for fungi.
4. For glassware/instrument: Rinse surface thoroughly and let air dry before reuse. For surfaces: Wipe surface dry.
5. Change immersion solution after each use.

# PREempt<sup>®</sup> RTU

## Ready to Use Multi-Surface One-Step Disinfectant Cleaner

**Active Ingredient:**  
Hydrogen Peroxide..... 0.5%  
**Inert Ingredients..... 99.5%**  
Total..... 100.0%



**LICENSED**

PERIOD **2015-2017** LIC. NO. **8477.5**

Part No. 21109



See reference sheet for a complete list of pathogenic organisms, additional features, and claims.

Meets OSHA Bloodborne Pathogen Standard for \*HBV & \*HCV

EPA Reg. No. 74559-1  
EPA Est. No. 74559-CAN-1

Net Contents:  
**5 Gallon**

## Claims

See reference sheet for a complete list of pathogenic organisms claimed for this product.

### \*VIRUCIDAL: 1 MIN.

In the presence of 5% serum load and 1 minute contact time at 20°C on hard, non-porous environmental surfaces.

\*Poliovirus Type 1, Strain Brunhilde (ATCC VR-1000)

\*HIV-1 (AIDS Virus), Strain HTLV-IIIB (HIV-1)

\*Feline Calicivirus, Strain F9 (ATCC VR-782)

\*Norovirus (Feline Calicivirus, as the surrogate)

\*Human Coronavirus (ATCC VR-740)

\*This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.

### BACTERICIDAL: 1 MIN.

In the presence of 5% serum load and 1 minute contact time at 20°C on hard, non-porous environmental surfaces against:

*Pseudomonas aeruginosa* (ATCC 15442)

*Staphylococcus aureus* (ATCC 6538)

*Salmonella enterica* (formerly known as *Salmonella choleraesuis*) (ATCC 10708)

*Staphylococcus aureus* MRSA (ATCC 33592)

*Enterococcus faecalis* VRE (ATCC 51575)

*Escherichia coli* with extended beta-lactamase resistance (ESBL) (ATCC BAA-196)

### FUNGICIDAL: 10 MIN.

In the presence of 5% serum load and 10 minute contact time at 20°C on hard, non-porous environmental surfaces.

*Trichophyton mentagrophytes* (ATCC 9533)

### TUBERCULOCIDAL: 5 MIN.

In the presence of 5% serum load and 5 minute contact time at 20°C on hard, non-porous environmental surfaces.

<sup>†</sup>*Mycobacterium bovis* (BCG) (OT 451C150)

### BROAD-SPECTRUM NON-FOOD CONTACT SANITIZING: 30 SEC.

In the presence of 5% serum load and 30 second contact time at 20°C on hard, non-porous environmental surfaces.

*Klebsiella pneumoniae* (ATCC 4352)

*Salmonella enterica* (formerly known as *Salmonella choleraesuis*) (ATCC 10708)

*Pseudomonas aeruginosa* (ATCC 15442)

*Staphylococcus aureus* (ATCC 6538)

*Escherichia coli* O157:H7 (ATCC 35150)

### SOFT SURFACE<sup>†</sup> SANITIZATION: 1 MIN.

*Enterobacter aerogenes* (ATCC 13048)

*Staphylococcus aureus* (ATCC 6538)

<sup>†</sup>composed of cotton or polyester TB<sup>†</sup> stands for BCG (*Mycobacterium bovis*)

### READ S.D.S. BEFORE USING PRODUCT.

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**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS), HCV OR HBV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings must be worn during all cleaning of body fluids, blood, and decontamination procedures.

**Cleaning Procedures:** Blood / body fluids must be thoroughly cleaned from surfaces / objects before application of PREempt RTU.

**Contact Time:** Allow surface to remain wet for 1 minute to kill HIV-1, HCV and HBV. Use a 5 minute contact time for TB<sup>†</sup> and a 10 minute contact for fungi.

**Disposal of Infectious Material:** Blood / body fluids should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

## Storage and Disposal:

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

**PESTICIDE STORAGE:** Store in dry, well ventilated area away from chemicals, direct light, heat or open flame. Do not mix with other cleaning or disinfecting products.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. For more information on the disposal of unused, unwanted product and the clean up of spills, contact the EPA Regional Office or the Manufacturer for guidance.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill; or incinerate, or, if allowed by state and local authorities, burn. If burned, stay out of smoke.

## Environmental Hazards:

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting agency has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.



Manufactured by:  
**Virox Technologies Inc.**  
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Oakville, ON Canada L6H 6R1  
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UPC CODE  
0-68460-20266-2

Made in Canada

VHH019(15/293)

# PREempt

RTU

Ready to Use Multi-Surface One-Step  
Disinfectant Cleaner

## Reference Sheet

Manufactured by:  
**Virox Technologies Inc.**  
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Oakville, ON CANADA L6H 6R1  
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### Bactericidal: 1 Minute

In the presence of 5% serum load and 1 minute contact time on hard, non-porous environmental surfaces against

*Acinetobacter baumannii* (ATCC 19606)

*Enterococcus faecalis* VRE (ATCC 51575)

*Escherichia coli* O157:H7 (ATCC 35150)

*Escherichia coli* with extended beta-lactamase resistance (ESBL) (ATCC BAA-196)

*Klebsiella pneumoniae* (ATCC 4352)

*Pseudomonas aeruginosa* (ATCC 15442)

*Salmonella enterica*

(formerly known as *Salmonella choleraesuis*) (ATCC 10708)

*Shigella dysenteriae* (ATCC 11835)

*Staphylococcus aureus* (ATCC 6538)

*Staphylococcus aureus* (CA-MRSA) (NARSA NRS 384) (Genotype US300)

*Staphylococcus aureus* MRSA (ATCC 33592)

Community Associated Methicillin Resistant *Staphylococcus aureus* (CA-MRSA) (NARSA NRS 123) (Genotype US400) Community Associated Methicillin Resistant

Bactericidal activity was determined by the AOAC Use Dilution Test Method.

### \*Virucidal: 1 Minute

In the presence of 5% serum load and 1 minute contact time on hard, non-porous environmental surfaces

\*Adenovirus type 8 (ATCC VR-1368)

\*Avian Influenza A (ATCC VR-2072)

\*Feline Calicivirus, Strain F9 (ATCC VR-782)

\*Hepatitis B Virus (HBV)

\*Hepatitis C Virus (HCV)

\*Herpes Simplex Virus, Type 1 (HSV-1) (ATCC VR-733)

\*Herpes Simplex Virus, Type 2 (HSV-2) (ATCC VR-734)

\*HIV-1 (AIDS Virus), Strain HTLV-III<sub>b</sub> (HIV-1), (Acquired from Adv. Biotechnologies, Inc.)

\*Human Coronavirus (ATCC VR-740)

\*Influenza A/Hong Kong (ATCC VR-544)

\*Norovirus (Feline Calicivirus, as the surrogate)

\*Poliovirus Type 1, Strain Brunhilde (ATCC VR-1000)

\*Rhinovirus Type 37, Strain 151-1 (ATCC VR-1147)

\*Rotavirus WA (Acquired from University of Ottawa)

\*This product has demonstrated effectiveness against Influenza A virus and is expected to inactivate all Influenza A viruses including Pandemic 2009 H1N1 Influenza A virus.

\*Virucidal activity was determined by the efficacy test methods for virucidal agents intended for inanimate environmental surfaces; ASTM 1053-97 Standard Test Method for Efficacy of Virucidal Agents Intended for Inanimate Environmental Surfaces and EPA protocols for surrogate viral testing.

### Tuberculocidal: 5 Minutes

In the presence of 5% serum load and 5 minute contact time on hard, non-porous environmental surfaces

\**Mycobacterium bovis* (BCG) (OT 451C150)

Tuberculocidal activity was determined by the EPA Quantitative Tuberculocidal Activity Test Method.

### Fungicidal: 10 Minutes

In the presence of 5% serum load and 10 minute contact time on hard, non-porous environmental surfaces

*Trichophyton mentagrophytes* (ATCC 9533)

Fungicidal activity was determined by the AOAC Fungicidal Activity of Disinfectants Method

### Broad-Spectrum Non-Food Contact Sanitizing: 30 sec

In the presence of 5% serum load and 30 second contact time on hard, non-porous environmental surfaces

*Enterococcus faecalis* VRE (ATCC 51575)

*Escherichia coli* O157:H7 (ATCC 35150)

*Klebsiella pneumoniae* (ATCC 4352)

*Pseudomonas aeruginosa* (ATCC 15442)

*Salmonella enterica*

(formerly known as *Salmonella choleraesuis*) (ATCC 10708)

*Staphylococcus aureus* (ATCC 6538)

*Staphylococcus aureus* MRSA (ATCC 33592)

Sanitizing activity was determined by the EPA Sanitizer Test for Inanimate, Non-Food Contact Surfaces and ASTM E1153 Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces.

## Soft Surface<sup>‡</sup> Sanitization

For use on soft surfaces<sup>‡</sup> (blinds, bedding, blankets, chairs, couches, curtains, drapes, linens, mattresses, soft cushions, sheets, sofas, upholstered furniture, wash cloths and window treatments).

<sup>‡</sup> composed of cotton or polyester

## Soft Surface<sup>‡</sup> Sanitization against the following organisms in 1 minute

*Enterobacter aerogenes* (ATCC 13048)

*Staphylococcus aureus* (ATCC 6538)

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### Broad Spectrum Non-Food Contact Sanitizer:

Apply to hard non-porous surface; allow to remain wet for 30 seconds. Wipe dry. For heavily soiled areas a pre-cleaning is required.

### To sanitize Soft Surfaces<sup>‡</sup>:

Spray a light even coating on soiled fabric until damp. Allow area to remain damp for 1 minute. Gently blot area with a clean, damp, color-safe cloth. Repeat as needed (for stubborn stains or heavy fabrics). Let air dry.

### For Use To Clean and Disinfect Life Science Laboratory Surfaces, Instruments, and Glassware:

1. Pre-clean heavily soiled areas.
2. Apply Solution by spray, cloth, disposable wipe or mop to hard, non-porous environmental surfaces or completely immerse pre-cleaned glassware and compatible instruments in the solution.
3. Immerse or allow the surface to remain wet for 1 minute. Use a 5 minute contact time for TB<sup>†</sup> and a 10 minute contact for fungi.
4. For glassware/instrument: Rinse surface thoroughly and let air dry before reuse. For surfaces: Wipe surface dry.
5. Change immersion solution after each use.

### To Disinfect Non-Critical<sup>‡</sup>, Pre-Cleaned Instruments and Medical Devices:

1. Instruments must be thoroughly pre-cleaned to remove excess organic debris, rinsed, and dried.
2. Clean and rinse lumens of hollow instruments before filling with this product.
3. Spray all surfaces of instruments with this product until thoroughly wet. Let stand for 1 minute. Use a 5 minute contact time for TB<sup>†</sup> and a 10 minute contact time for fungi.
4. Wipe with a clean, damp cloth or paper towel and allow to air dry

<sup>‡</sup> Non-critical medical devices are items that come in contact only with intact skin.

Note: Critical and Semi-critical devices must be followed up by appropriate terminal sterilization/high-level disinfection process.

TB<sup>†</sup> stands for BCG (*Mycobacterium bovis*)

**\*KILLS HIV, HCV and HBV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings and other settings in which there is an expected likelihood of soiling of inanimate surfaces / objects with blood / body fluids, and in which the surfaces / objects likely to be soiled with blood / body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis C Virus (HCV) or Hepatitis B Virus (HBV).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS Virus), HCV OR HBV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings must be worn during all cleaning of body fluids, blood, and decontamination procedures.

**Cleaning Procedures:** Blood / body fluids must be thoroughly cleaned from surfaces / objects before application of PREempt RTU.

**Contact Time:** Allow surface to remain wet for 1 minute to kill HIV-1, HCV and HBV. Use a 5 minute contact time for TB<sup>†</sup> and a 10 minute contact for fungi.

**Disposal of Infectious Material:** Blood / body fluids should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.