

WIPES

One-Step Disinfectant Cleaner

Reference Sheet

Manufactured by:

Virox Technologies Inc. 2770 Coventry Road Oakville, ON CANADA L6H 6R1 1-800-387-7578 | virox.com



FOR USE IN LIFE SCIENCE LABORATORIES AND MEDICAL FACILITIES

This product is a one-step germicidal disinfectant cleaner and deodorant designed for general cleaning and disinfecting of hard, non-porous environmental surfaces⁵.

It cleans quickly by removing dirt, grime, dead skin, blood, body oils and other common soils found in laboratory settings, medical facilities, transportation facilities, airports, barber/beauty salons and clinics.

This product cleans, disinfects and deodorizes hard, non-porous environmental surfaces in one step with no rinsing required⁵. It is designed for use on the following hard, non-porous environmental surfaces: stainless steel, vinyl, glass, plastic surfaces, chrome, aluminum, painted surfaces, glazed ceramic, glazed porcelain, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, glazed tile, and sinks.

Bactericidal: 1 Minute

Acinetobacter baumannii

Community Associated Methicillin Resistant Staphylococcus aureus

- CA-MRSA (NARSA NRS 123)

Community Associated Methicillin Resistant Staphylococcus aureus

- CA-MRSA (NARSA NRS 384)

Enterococcus faecalis (Vancomycin Resistant (VRE))

Escherichia coli O157:H7

Escherichia coli (beta-lactamase resistance (ESBL))

Klebsiella pneumoniae

Pseudomonas aeruginosa

Salmonella enterica (formerly known as Salmonella choleraesuis)

Shigella dysenteriae

Staphylococcus aureus

 $Staphylococcus\ aureus\ (Methicillin\ Resistant\ (MRSA))$

***Virucidal: 1 Minute**

Adenovirus Type 8 (Strain Trim)

Avian Influenza A

Feline Calicivirus

Hepatitis B Virus (HBV)

Hepatitis C Virus (HCV)

Herpes Simplex Virus, Type 1 (HSV-1)

Herpes Simplex Virus, Type 2 (HSV-2)

HIV-1 (AIDS virus) (Strain HTLV-III_R)

Human Coronavirus

Influenza A Virus (Strain Hong Kong)

Norovirus (Feline Calicivirus as the surrogate)

Poliovirus Type 1 (Strain Chat)

Rhinovirus Type 14

Rotavirus (Strain WA)

SARS-Related Coronavirus 2 (SARS-CoV-2) (COVID-19 Virus)

Tuberculocidal: 5 Minutes

Mycobacterium bovis† (TB)

Fungicidal: 10 Minutes

Trichophyton interdigitale (Athlete's Foot Fungus)

Non-Food Contact Sanitizer: 30 Seconds

Enterococcus faecalis (Vancomycin Resistant (VRE))

Escherichia coli O157:H7

Klebsiella pneumoniae

Pseudomonas aeruginosa

Staphylococcus aureus

Staphylococcus aureus (Methicillin Resistant (MRSA))

Salmonella enterica (formerly known as Salmonella choleraesuis)

DIRECTIONS FOR USE

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

FOR USE AS A ONE-STEP CLEANER/DISINFECTANT:

- 1. Pre-clean visibly soiled areas.
- Pull towelette from canister and wipe hard, non-porous environmental surfaces.
- **3.** All surfaces must remain visibly wet for 1 minute. Use a 5 minute contact time for TB⁺. Use a 10 minute contact time for fungi.
- 4. Allow to air dry.

FOR USE AS A NON-FOOD CONTACT SANITIZER:

- 1. Pre-clean visibly soiled areas.
- Pull towelette from canister and wipe hard, non-porous environmental surfaces.
- 3. Allow the surface to remain visibly wet for 30 seconds.
- 4. Allow to air dry.
- 5. Change towelette after each use.

FOR USE AS A TUBERCULOCIDE:

- 1. Pre-clean visibly soiled areas.
- Pull towelette from canister and wipe hard, non-porous environmental surfaces.
- **3.** Allow the surface to remain visibly wet for 5 minutes. Use additional towelettes if needed to ensure the correct wet contact time.
- 4. Wipe surfaces dry.
- 5. Change towelette after each use.

TO KILL FUNGI:

- 1. Pre-clean visibly soiled areas.
- Pull towelette from canister and wipe hard, non-porous environmental surfaces.
- **3.** All surfaces must remain visibly wet for 10 minutes. Use additional towelettes if needed to ensure the correct wet contact time.
- 4. Allow to air dry.

FOR USE AS A CLEANER AND/OR DEODORIZER

- Pull towelette from canister and wipe hard, non-porous environmental surfaces.
- 2. Allow to air dry.

*KILLS HIV-1, 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 B Virus (HBV), or Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV OR HCV ON 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 and objects before application of this product.

Contact Time: Allow surface to remain wet for 1 minute to kill HIV-1, HBV and HCV. Use a 5 minute contact time for Tb[†] and 10 minute contact for fungi.

Disposal of Infectious Material: Cleaning materials used that may contain blood and other body fluids must be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

STORAGE AND DISPOSAL

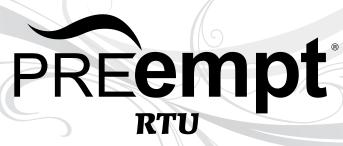
PESTICIDE STORAGE: Store this product in a cool dry area, away from direct sunlight and heat.

For canisters and soft packs that are not intended to be refilled by consumer:

CONTAINER HANDLING: Dispose of wipe in trash after use. Do not flush. Tightly close flap between uses to retain moisture. Non-refillable container. Do not reuse or refill this container. Offer empty container for recycling. If recycling is not available, discard container in trash.

§ When used according to disinfection use directions.

Accelerated Hydrogen Peroxide technology and design are trademarks of Diversey, Inc. "Accelerated" does not imply increased product efficacy.



Ready to Use One-Step[§] Disinfectant Cleaner

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Manufactured by:

Virox Technologies Inc. 2770 Coventry Road Oakville, ON CANADA L6H 6R1 1-800-387-7578 | virox.com



FOR USE IN LIFE SCIENCE LABORATORIES AND MEDICAL FACILITIES

This product is a one-step[§] disinfectant cleaner and deodorant designed for general cleaning and disinfecting, of hard, non-porous environmental surfaces. This product cleans by removing dirt, grime, dead skin, blood and other common soils found in laboratory settings, medical facilities, transportation facilities, airplanes, airports, vehicles, spas, salons and clinics.

This product cleans, disinfects and deodorizes hard, non-porous surfaces in one step⁵ with no rinsing required. It is designed for use on the following hard, non-porous surfaces: stainless steel, vinyl, glass, plastic surfaces, chrome, aluminum, painted surfaces, glazed ceramic, glazed porcelain, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, glazed tile, and sinks.

For use on soft surfaces[†] such as blinds, bedding, blankets, chairs, couches, curtains, drapes, linens, mattresses, soft cushions, sheets, sofas, upholstered furniture, wash cloths and window treatments.

***Virucidal: 1 Minute**

Adenovirus Type 8 (Strain Trim)

Avian Influenza A (H3N2)

Feline Calicivirus, Strain F9

Hepatitis B Virus (HBV)

Hepatitis C Virus (HCV)

Herpes Simplex Virus, Type 1 (HSV-1)

Herpes Simplex Virus, Type 2 (HSV-2)

HIV-1 (AIDS virus) (Strain HTLV-III_B)

Human Coronavirus

Influenza A Virus (Strain A/Hong Kong/8/68)

Norovirus

Poliovirus Type 1 (Strain Brunhilde)

Rhinovirus Type 37

Rotavirus (Strain WA)

SARS-Related Coronavirus 2 (SARS-CoV-2) (the virus that causes COVID-19) $\,$

Bactericidal: 1 Minute

Acinetobacter baumannii

Enterococcus faecalis (Vancomycin Resistant (VRE))

Escherichia coli (Extended Spectrum Beta- Lactamase (ESBL))

Escherichia coli O157:H7

Klebsiella pneumoniae

Pseudomonas aeruginosa

Salmonella enterica (formerly known as Salmonella choleraesuis)

Shigella dysenteriae

Staphylococcus aureus

Staphylococcus aureus (Community Associated Methicillin Resistant (CA-MRSA))

Staphylococcus aureus (Methicillin Resistant (MRSA))

Tuberculocidal: 5 Minutes

Mycobacterium bovis[†] (TB) (BCG)

Fungicidal: 10 Minutes

Trichophyton interdigitale (formerly known as *Trichophyton mentagrophytes*) (Athlete's Foot and Nail Fungus)

Non-Food Contact Sanitizing: 30 Seconds

Enterococcus faecalis (Vancomycin Resistant (VRE))

Escherichia coli O157:H7

Klebsiella pneumoniae

Pseudomonas aeruginosa

Salmonella enterica (formerly known as Salmonella choleraesuis)

Staphylococcus aureus

Staphylococcus aureus (Methicillin Resistant (MRSA))

Soft Surface[∓] Sanitization: 1 Minute

For use on soft surfaces[†] such as blinds, bedding, blankets, curtains, drapes, linens, sheets, wash cloths and window treatments.

Enterobacter aerogenes

Staphylococcus aureus

*KILLS HIV-1, 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 visibly wet for 1 minute to kill HIV-1, HCV and HBV. Use a 5 minute contact time for TB[†] and a 10 minute contact time 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.

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:

- 1. Pre-clean visibly soiled areas.
- **2.** Apply solution by spray, cloth, disposable wipe or mop to hard, non-porous surfaces.
- 3. All surfaces must remain visibly wet for 1 minute. Use a 5 minute contact time for TB⁺ and a 10 minute contact time for fungi.
- 4. Allow to air dry.

FOR USE AS A NON-FOOD CONTACT SANITIZER:

- 1. Apply to hard non-porous surfaces.
- 2. Allow to remain visibly wet for 30 seconds.
- **3.** Allow to air dry.

TO KILL FUNGI:

- 1. Pre-clean visibly soiled areas.
- **2.** Apply solution by spray, cloth or disposable wipe to hard non-porous surface.
- 3. Allow the surface to remain visibly wet for 10 minutes.
- 4. Allow to air dry.

TO SANITIZE SOFT SURFACES[†] (FABRICS[†]):

- 1. Hold bottle upright 6"-8" from surfaces.
- 2. Spray until fabric is visibly wet. Do not saturate.
- 3. All surfaces must remain visibly wet for 1 minute. Allow to air dry.
- 4. To test for color fastness, locate a small inconspicuous area on your fabric and apply the solution as per the use directions. Once dry evaluate discoloration.

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

- 1. Pre-clean visibly soiled areas.
- **2.** Apply solution by spray, cloth or disposable wipe 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 visibly wet for 1 minute. Use a 5 minute contact time for TB⁺ and a 10 minute contact time 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*, PRE-CLEANED INSTRUMENTS AND MEDICAL DEVICES:

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

FOR USE AS A CLEANER AND/OR DEODORIZER:

- 1. Apply to surfaces by spray, cloth, or mop.
- 2. Wipes surfaces dry or allow to air dry.

DISCLAIMER: You must read and follow the instructions on the label for our product and use the product for the particular applications specified on the product label. To the full extent permitted under applicable law, Virox Technologies Inc. shall not be liable for any damages whatsoever, arising out of or otherwise in connection with any failure to follow those instructions or any use of its products which is not specified on the product's label. The instructions on the product label are not a warranty, express or implied, and Virox Technologies, Inc. expressly disclaims any implied warranties, including any warranty of fitness for a particular purpose. Under applicable law, some of the above waivers or disclaimers of warranty, or exclusions of liability for certain types of damages may not apply to you. In such cases, our liability will be limited to the fullest extent permitted by applicable law.

TB[†] stands for BCG (Mycobacterium bovis)

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

[™] Accelerated Hydrogen Peroxide[®] technology and design are trademarks of Diversey, Inc. | "Accelerated" does not imply increased product efficacy. | For relevant patents, visit: virox.com/patents

^{*}Non-critical medical devices are items that come in contact only with intact skin.

[§]When used according to disinfection use instructions/directions.

[†]Composed of cotton or polyester



Multi-Surface One-Step Disinfectant Cleaner

Reference Sheet

Manufactured by:
Virox Technologies Inc.
2770 Coventry Road
Oakville, ON CANADA L6H 6R1
1-800-387-7578 | virox.com



When used as directed, this product is highly effective against a broadspectrum of pathogenic microorganisms (including bacteria, antibioticresistant bacteria, *viruses, fungi, mold and mildew). At a 1:16 dilution (8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard non-porous inanimate surfaces:

USE DILUTION MADE EASY

Ratio	Per Gallon of Water	Per Liter of Water
1:16	8 oz.	64 mL
1:64	2 oz	16 mL
1:128	1 oz.	8 mL
1:256	0.5 oz.	4 mL

Bactericidal: 5 Minute @ 1:16

Acinetobacter baumannii, (ATCC 19606)

Escherichia coli O157:H7 (ATCC 35150)

Klebsiella pneumoniae (ATCC 4352)

Listeria monocytogenes (ATCC 19111)

Pseudomonas aeruginosa (ATCC 15442)

Salmonella enterica, (ATCC 10708)

(formerly known as Salmonella choleraesuis)

Shigella dysenteriae (ATCC 13313)

Staphylococcus aureus (ATCC 6538)

Streptococcus pyogenes (ATCC 12204)

Antibiotic-Resistant Bactericidal Activity

Enterococcus faecium, (Resistant to Vancomycin [VRE]) (ATCC 51559)

Escherichia coli, (Extended Spectrum Beta-lactamase resistance ESBL, (ATCC BAA-196)

Klebsiella pneumoniae, (Carbapenem-resistant [KPC]), (ATCC BAA-1705)

Staphylococcus aureus, (CA-MRSA) (clinical Isolate 08001) (Genotype USA300)

Staphylococcus aureus, (CA-MRSA) (clinical Isolate 08005) (Genotype USA400)

Staphylococcus aureus (MRSA) (ATCC 33591)

Staphylococcus epidermidis (MRSE) (ATCC 51625)

Streptococcus pneumoniae, Penicillin Resistant (PRSP), (ATCC 700671)

*Virucidal: 5 Minutes @ 1:16 - 1:64

At 1:16 - 1:64 dilution (2 - 8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard, non-porous inanimate surfaces:

- *Adenovirus type 8, (ATCC VR-1368, Strain Trim)
- *Herpes simplex Type 2 (VR-734)
- *Human Coronavirus (VR-740)
- *Influenza Type A2 (Hong Kong) (VR-544)
- *Norovirus (Feline Calicivirus as the surrogate) (VR-782)
- *Parainfluenza Type 3 (VR-93)
- *Poliovirus Type 1 (ATCC VR-1000)
- *Respiratory Syncytial Virus (VR-26)
- *Rhinovirus Type 37, Strain 151-1, (ATCC VR-1147)
- *Rotavirus (Strain WA)
- *Vaccinia Virus (smallpox vaccine virus) (ATCC VR-119)

Kills *Hepatitis B Virus (HBV) & *Hepatitis C Virus (HCV) when used as directed on hard, non-porous inanimate surfaces with a 5 minute contact time.

Kills *HIV-1 (AIDS virus) (HTLV-III_B) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

*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.

Fungicidal: 5 Minutes @ 1:16

This product is fungicidal when used as directed on hard, non-porous inanimate surfaces at a 1:16 dilution (8 oz. per gallon of water), and in the presence of a 5% serum load and 5 minute contact time.

Trichophyton mentagrophytes, (ATCC 9533)

Malodors

Malodors – reduces odors and odor-causing bacteria on hard nonporous surfaces in restroom areas, behind and under sinks and counters, and storage areas and other places where bacterial growth can cause malodors, when used as directed at a 1:16 dilution (8 oz. of product per gallon of water, in the presence of 200 ppm hard water and a 30 second contact time.

Mold/Mildew

Kills the growth of mold and mildew when diluted at 1:16 in 200 ppm hard water at a 10 minute contact time: *Aspergillus niger* (ATCC 16404) and the odors caused by them when applied to hard, non-porous environmental surfaces.

Controls and prevents the growth of mold and mildew when diluted at 1:16 in 200 ppm hard water at a 10 minute contact time: *Aspergillus niger* (ATCC 6275) and the o dors caused by them when applied to hard, non-porous environmental surfaces.

Broad-Spectrum Non-Food Contact Sanitizing: 1:16 @ 30 Seconds

Sanitizing: When used as a non-food contact sanitizer at a 1:16 dilution (8 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load, this product reduces the following bacteria by 99.9% with a 30 second contact time on hard non-porous inanimate surfaces:

Enterobacter aerogenes (ATCC 13048)

Enterococcus faecalis, Vancomycin-Resistant (VRE), (ATCC 51575)

Escherichia coli, Extended Spectrum Beta-lactamase resistance (ESBL), (ATCC BAA-196)

Listeria monocytogenes, (ATCC 19111)

Pseudomonas aeruginosa (ATCC 15442)

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

Staphylococcus aureus (ATCC 6538)

Broad-Spectrum Non-Food Contact Sanitizing: 1:128 @ 3 Minutes

Sanitizing: When used as a non-food contact sanitizer at a 1:128 dilution (1 oz. of product per gallon of water), in the presence of 200 ppm hard water, 5% serum load, this product reduces the following bacteria by 99.9% with a 3 minute contact time on hard non-porous inanimate surfaces:

Escherichia coli (ATCC 11229)

Enterococcus faecalis (ATCC 29212)

Klebsiella pneumoniae (ATCC 4352)

Listeria monocytogenes (ATCC 19111)

Pseudomonas aeruginosa (ATCC 15442)

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

Staphylococcus aureus (ATCC 6538)

Bactericidal Stability of Use-Solution

Tests show this product as a disinfectant, when diluted at 1:16 dilution (8 oz. of product per gallon of water) in 200 ppm hard water, in the presence of 5% serum, remains effective against *Staphylococcus aureus*, *Salmonella enterica* (formerly known as *Salmonella choleraesuis*) and *Pseudomonas aeruginosa* for up to 10 - 90 days in storage as long as the bottle remains sealed.

If the use-solution becomes visibly dirty or contaminated, it must be discarded and a fresh product prepared. Always use clean, dry containers when diluting this product. Treated surfaces must remain wet for 5 minutes.

DIRECTIONS FOR USE

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

To Kill Mold and Mildew:

Dilute at 8.0 oz. of product per gallon of water (1:16). Pre-clean surfaces. Apply Use Solution to hard, non-porous environmental surfaces. Allow surfaces to remain wet for ten (10) minutes. Wipe surfaces and let air dry.

To Control Mold and Mildew:

Dilute at 8.0 oz. of product per gallon of water (1:16). Apply Use Solution to pre-cleaned hard, non-porous environmental surfaces. Wipe surfaces and let air dry. Repeat application weekly or when growth reappears.

To Kill Fungi:

Dilute at 8.0 oz. of product per gallon of water (1:16). Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surface to remain wet for five (5) minutes. Wipe surfaces and let air dry.

For use as a *Virucide: Dilute at 2 - 8 oz. of product per gallon of water (1:16 - 1:64).

- 1. Pre-clean heavily soiled areas.
- 2. Apply Use Solution until thoroughly wet.
- 3. Let stand for five (5) minutes.
- 4. Wipe surfaces and let air dry.