

PEROXigard®

Concentrate

One-Step⁺ Disinfectant Cleaner & Deodorizer

FOR USE IN LIFE SCIENCES

Reference Sheet

**KEEP OUT OF REACH
OF CHILDREN
CAUTION**



Manufactured by:

Virox® Technologies Inc.

2770 Coventry Road
Oakville, ON Canada L6H 6R1
1-800-387-7578 | virox.com

USER SHOULD READ S.D.S.
BEFORE USING THE PRODUCT
SDS available online at www.virox.com

This product is a one-step⁺ disinfectant cleaner and deodorant designed for general cleaning, disinfecting and deodorizing of hard, non-porous surfaces. It cleans quickly by removing urine, fecal matter, blood, food residue, dead skin, dirt and other common soils found in lab animal research facilities, life science laboratories, small and large animal facilities, vivariums, animal housing areas, transportation vehicles, fish facilities, and other small animal facilities.

This product is designed for use on hard, non-porous surfaces such as chrome, glass, glazed ceramic, glazed porcelain, glazed tile, plastic surfaces, stainless steel and vinyl associated with high touch surfaces including countertops, biosafety cabinets, animal equipment, handheld devices, computer screens, cages, carts, and handling equipment.

DILUTION CHART

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

Claims

When used as directed, this product is highly effective against a wide variety of pathogenic microorganisms including bacteria, viruses, fungi, mold and mildew. At a 1:64 – 1:16 dilution (2.0 – 8.0 fl. 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.

BACTERICIDAL:

5 Min. @ 1:64 – 1:16, unless otherwise noted

Acinetobacter baumannii

Bordetella bronchiseptica – 1:64, 10 minutes

Campylobacter jejuni – 1:64, 10 minutes

Chlamydia psittaci

Enterococcus faecium (Vancomycin Resistant (VRE))

Escherichia coli O157:H7

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

Klebsiella pneumoniae

Klebsiella pneumoniae (Carbapenem Resistant (KPC))

Listeria monocytogenes

Mycoplasma orale – 1:64, 10 minutes

Pseudomonas aeruginosa

Salmonella enterica

Salmonella pullorum – 1:64, 10 minutes

Shigella dysenteriae

Staphylococcus aureus

Staphylococcus aureus (Methicillin Resistant (MRSA))

Staphylococcus aureus, Methicillin Resistant (CA-MRSA)

Staphylococcus epidermidis (Methicillin Resistant (MRSE))

Streptococcus pneumoniae (Penicillin Resistant (PRSP))

Streptococcus pyogenes

***VIRUCIDAL: 5 Min. @ 1:64, unless otherwise noted**

Adenovirus Type 8

African Swine Fever Virus (ASFv)

Avian Adenovirus Type 2

Avian Infectious Bronchitis Virus
Avian Influenza A Virus (H3N2)
Avian Reovirus (Strain 2177)
Bovine Viral Diarrhea Virus (BVDV)
Canine Adenovirus
Canine Coronavirus
Canine Distemper Virus
Canine Influenza A Virus (H3N2)
Canine Parainfluenza Virus
Canine Parvovirus – 1:16, 5 minutes
Duck Hepatitis B Virus (DHBV)
Equine Herpes Virus Type 1 (Strain EHV1)
Equine Influenza A (H3N8) Virus
Feline Calicivirus
Feline Infectious Peritonitis Virus
Feline Leukemia Virus
Feline Picornavirus
Feline Rhinotracheitis Virus
Foot and Mouth Disease Virus (FMDv) – 10 minutes
Hepatitis B Virus (HBV)
Hepatitis C Virus (HCV)
Herpes Simplex Virus Type 2
HIV-1 (AIDS virus)
Human Coronavirus
Infectious Laryngotracheitis Virus
Influenza A Virus (H1N1)
Influenza Type A2 Virus
Marek's Disease Virus
Minute Virus of Mice – 1:16, 5 minutes
Newcastle Disease Virus
Norovirus (Feline Calicivirus as the surrogate)
Parainfluenza Type 3 Virus
Poliovirus Type 1 (Strain Brunhilde)
Porcine Epidemic Diarrhea Virus
Porcine Respiratory & Reproductive Syndrome (PRRS) Virus
Porcine Rotavirus
Pseudorabies Virus
Respiratory Syncytial Virus
Rhinovirus Type 37
Rotavirus

SARS-Related Coronavirus 2 (SARS-CoV-2⁺) (the virus that may cause COVID-19)
Seneca Valley Virus
Swine Influenza A (H1N1) Virus
Transmissible Gastroenteritis Virus (TGE)
Vaccinia Virus (Smallpox Vaccine Virus)

FUNGICIDAL: 5 Min. @ 1:16

Microsporum canis

Trichophyton interdigitale (formerly known as *Trichophyton mentagrophytes*)

SANITIZING: 30 Sec. @ 1:16

Enterobacter aerogenes

Enterococcus faecalis, Vancomycin Resistant (VRE)

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

Listeria monocytogenes

Pseudomonas aeruginosa

Salmonella enterica

Staphylococcus aureus

Long Shelf Life: Effective for 90 days once diluted at 1:16 – 1:64

Malodor(s) Activity – Eliminates odors and odor-causing bacteria on hard, non-porous surfaces when used as directed at a 1:128 dilution in 3 minutes.

MILDEWCIDAL: 10 MIN. @ 1:16

Aspergillus niger

MILDEWSTATIC: 10 MIN. @ 1:16

Aspergillus niger

Directions For Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. A potable water rinse is required for food contact surfaces.

For Use as a One-Step Cleaner/Disinfectant: Dilute at 2.0 – 8.0 fl. oz. of product per gallon of water (1:64 – 1:16).

1. Pre-clean visibly soiled areas.
2. Apply use solution onto hard, non-porous surfaces.
3. Allow surfaces to remain visibly wet for 5 minutes when using a 1:16 (8.0 fl. oz. per gallon of water) dilution. If using a 1:64 (2.0 fl. oz. per gallon of water) dilution, allow 5 minutes[†] for *viruses and 10 minutes for bacteria.
4. Allow to air dry.

For Use to Clean and Disinfect Life Science Laboratory Surfaces, Instruments, and Equipment: Dilute at 8.0 fl. oz. of product per gallon of water (1:16).

1. Pre-clean visibly soiled areas.
2. Apply use solution to hard, non-porous surfaces.
3. Allow the surface to remain visibly wet for 5 minutes.
4. Wipe surfaces dry or allow to air dry. If streaking is observed, wipe with a clean, damp cloth.

For Use as a Disinfectant in Animal Housing Facilities: Dilute at 2.0 – 8.0 fl. oz. of product per gallon of water (1:64 – 1:16).

For cleaning and disinfecting the following hard, non-porous surfaces: feeding and watering equipment, utensils, instruments, cages, crates, etc.

1. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc.
2. Remove all litter and feces from floors[‡], walls and surfaces of facilities occupied by animals.
3. Empty or cover all feeding and watering appliances.
4. Thoroughly clean all surfaces by removing visible soils with this product and rinse with potable water.
5. Apply diluted solution on hard, non-porous surfaces.
6. At a 1:16 dilution, allow surfaces to remain visibly wet for 5 minutes for bactericidal, fungicidal, and *virucidal efficacy. At a 1:64 dilution, allow surfaces to remain visibly wet for 5 minutes[†] for *viruses and 10 minutes for bacteria.
7. Thoroughly scrub all automatic feeders and waterers with soap or detergent, and rinse with potable water before reuse.

To Kill Mold and Mildew: Dilute at 8.0 fl. oz. of product per gallon of water (1:16).

1. Pre-clean surfaces.
2. Apply use solution to hard, non-porous surfaces.
3. Allow surfaces to remain visibly wet for 10 minutes.
4. Allow to air dry.

To Control Mold and Mildew: Dilute at 8.0 fl. oz. of product per gallon of water (1:16).

1. Apply use solution to pre-cleaned hard, non-porous surfaces.
2. Allow surfaces to remain visibly wet for 10 minutes.
3. Allow to air dry.
4. Repeat application weekly or when growth reappears.

For Use as a Bactericide, Fungicide and *Virucide with a Mechanical Sprayer/Pressure Sprayer: Dilute product at 2.0 – 8.0 fl. oz. of product per gallon of water (1:64 – 1:16) and fill tank.

1. Pre-clean visibly soiled areas.
2. Spray hard, non-porous surfaces, until thoroughly wet.
3. All surfaces must remain visibly wet for 5 minutes when using a 1:16 (8.0 fl. oz. per gallon of water) dilution for bactericidal, fungicidal and *virucidal efficacy. If using a 1:64 (2.0 fl. oz. per gallon of water) dilution, allow 5 minutes[†] for *viruses and 10 minutes for bacteria.
4. Allow to air dry and rinse.

For Use to Disinfect Hard, Non-porous Surfaces Associated with Aquaculture: Dilute at 8.0 fl. oz. of product per gallon of water (1:16).

1. Remove all feeds from premises or vehicles.
2. Remove excess debris.
3. Apply use solution on to hard, non-porous surfaces.
4. Allow surfaces to remain visibly wet for 5 minutes.
5. Allow to air dry or rinse.

To Sanitize Non-Food Contact Surfaces: Dilute at 8.0 fl. oz. of product per gallon of water (1:16).

1. Pre-clean visibly soiled hard non-porous surfaces.
2. Apply use solution to hard, non-porous surfaces until visibly wet.
3. Allow surface to remain visibly wet for 30 seconds.
4. Wipe surfaces and let air dry.
5. Not for use on food contact surfaces or on food preparation areas.

For Use as a Cleaner/Degreaser: Dilute product at 0.5 – 1.0 fl. oz. of product per gallon of water (1:128 – 1:256).

1. Apply to surfaces.
2. Wipe surfaces or allow to air dry or rinse.

For Use as a Deodorizer: Dilute at 1.0 fl. oz. of product per gallon of water (1:128).

1. Apply to hard, non-porous surfaces.
2. Allow surface to remain visibly wet for three (3) minutes.
3. Allow to air dry.

***THIS PRODUCT KILLS HBV, HCV AND HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in healthcare settings and 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 Hepatitis B Virus (HBV), Hepatitis C Virus (HCV) and Human Immunodeficiency Virus Type 1 (HIV-1).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HBV, HCV and HIV-1 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 and body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

Contact Time: Allow surface to remain visibly wet for 1 minute to kill HIV-1, and for 5 minutes to kill HBV, HCV, and fungi.

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

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.

[∞] Accelerated Hydrogen Peroxide[®] and design are trademarks of Diversey, Inc. | "Accelerated" does not imply increased efficacy.

⁽¹⁾ Non-Critical medical devices are items that come in contact only with intact skin.

[†] When used according to disinfection use directions.

[‡] hard, non-porous surfaces.

[¶] Use a 10 minute contact time for Foot and Mouth Disease virus (FMDV).