

Farm Animal Care

Disinfectant[†] Cleaner & Deodorizer

Concentrate



EPA Reg. No. 74559-4
EPA Est. No. 74559-CAN-1

Kills African Swine Fever virus (ASFv)

Manufactured by:
Virox Technologies Inc.
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Keep Out of
Reach of Children
CAUTION

This product is designed for use as a cleaner, disinfectant[†] or sanitizer^g on hard non-porous surfaces of farm vehicles, trucks, carts, animal crates, grooming equipment, handling equipment, buckets, brushes, tables, transportation crates, foot baths, boots, automatic feeders^g, troughs^g, feed racks^g, wash stalls, fencing, gates, gathering equipment, guiding equipment commonly found in animal housing facilities, poultry facilities, barns, agriculture & livestock buildings, and breeding establishments.

Claims:

When used as directed, this product is effective against a wide variety of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew. At 1:64 – 1:16 dilution (2 – 8 fl. oz. of product per gallon of water), in the presence of 200ppm hard water, 5% serum load and 5 minute contact time, unless otherwise noted, this product kills the following on hard non-porous inanimate surfaces:

*Virucidal 5 mins @ 1:64 Unless otherwise noted:

African Swine Fever Virus (ASFv)
Avian Adenovirus Type 2
Avian Infectious Bronchitis Virus
Avian Influenza A Virus (H3N2)
Avian Reovirus
Bovine Viral Diarrhea Virus (BVDV)
Duck Hepatitis B Virus (DHBV)
Equine Herpes Virus Type 1
Equine Influenza A (H3N8) Virus
Foot and Mouth Disease Virus (FMDv) – 1:64 dilution, 10 minutes
Hepatitis B virus (HBV) (Duck Hepatitis B virus as the surrogate)
Hepatitis C virus (HCV) (Bovine Viral Diarrhea virus as the surrogate)
Human Coronavirus
Human Immunodeficiency virus type 1 HIV-1 (AIDS virus)
Infectious Laryngotracheitis Virus
Influenza type A2 virus
Marek's Disease Virus
Newcastle Disease Virus
Norovirus (Feline Calicivirus as the surrogate)
Parainfluenza Type 3 Virus
Poliovirus Type 1
Porcine Epidemic Diarrhea Virus
Porcine Respiratory & Reproductive Syndrome (PRRS) Virus
Porcine Rotavirus
Pseudorabies Virus
Rhinovirus Type 37, Strain 151-1
SARS-Related Coronavirus 2 (the virus that may cause COVID-19) (SARS-CoV-2*)
Seneca Valley Virus
Swine Influenza A (H1N1) Virus
Transmissible Gastroenteritis Virus (TGE)
Vaccinia Virus (Smallpox Vaccine Virus)

Bactericidal 10 mins @ 1:64 Unless otherwise noted:

Acinetobacter baumannii – 1:16 dilution, 5 minutes
Campylobacter jejuni
Chlamydia psittaci (Strain 6 BC)
Enterococcus faecium, Vancomycin Resistant (VRE) – 1:16 dilution, 5 minutes
Escherichia coli, Extended Spectrum Beta-lactamase resistance (ESBL) – 1:16 dilution, 5 minutes
Escherichia coli O157:H7 – 1:16 dilution, 5 minutes
Klebsiella pneumoniae – 1:16 dilution, 5 minutes
Klebsiella pneumoniae, Carbapenem-resistant (KPC) – 1:16 dilution, 5 minutes
Listeria monocytogenes – 1:16 dilution, 5 minutes
Mycoplasma orale
Pseudomonas aeruginosa
Salmonella enterica (formerly known as *Salmonella choleraesuis*)
Salmonella (*enterica* subspecies *enterica* serovar) *pullorum*
Shigella dysenteriae – 1:16 dilution, 5 minutes
Staphylococcus aureus, Community Acquired Methicillin Resistant Genotype (CA-MRSA) (Genotype USA300) – 1:16 dilution, 5 minutes
Staphylococcus aureus, Community Acquired Methicillin Resistant Genotype (CA-MRSA) (Genotype USA400) – 1:16 dilution, 5 minutes
Staphylococcus aureus, Methicillin Resistant (MRSA) – 1:16 dilution, 5 minutes
Staphylococcus epidermidis, Methicillin Resistant (MRSE) – 1:16 dilution, 5 minutes
Streptococcus pneumoniae, Penicillin Resistant (PRSP) – 1:16 dilution, 5 minutes
Streptococcus pyogenes – 1:16 dilution, 5 minutes

Fungicidal 5 mins @ 1:16:

Microsporum canis
Trichophyton interdigitale (formerly known as *Trichophyton mentagrophytes*)

Mildewcidal Activity – 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* and the odors caused by them when applied to hard, non-porous environmental surfaces.

Mildewstatic Activity – 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* and the odors caused by them when applied to hard, non-porous environmental surfaces.

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

Sanitizing: When used as a non-food contact sanitizer at 1:16 (8 fl. oz. per gallon of water), in the presence of 200 ppm hard water, 5% serum load, this product reduces the following bacteria by 99.99% with a 30 second contact time, unless otherwise noted, on hard non-porous inanimate surfaces:

Enterobacter aerogenes
Enterococcus faecalis, Vancomycin Resistant (VRE)
Escherichia coli, Extended Spectrum Beta-lactamase resistance (ESBL)
Listeria monocytogenes
Pseudomonas aeruginosa
Salmonella enterica (formerly known as *Salmonella choleraesuis*)
Staphylococcus aureus

Malodor Activity – eliminates odors and odor-causing bacteria on hard, non-porous surfaces when used as directed at a 1:128 dilution (1 fl. oz. per gallon of water), in the presence of 200 ppm hard water in 3 minutes.

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.

To Prepare Use Solution

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.

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

1. Apply to surfaces.
2. Wipe surfaces and let air dry.

To Kill *Foot and Mouth Disease Virus (FMDv): Dilute at 2.0 fl. oz of product per gallon of water (1:64).

1. Pre-clean visibly soiled areas.
2. Apply Use Solution on hard, non-porous surfaces until visibly wet.
3. Allow surfaces to remain visibly wet for 10 minutes.
4. Wipe surfaces dry or allow to air dry.

To Kill African Swine Fever virus: Dilute at 2.0 fl. oz of product per gallon of water (1:64).

1. Pre-clean visibly soiled areas.
2. Apply Use Solution to hard, non-porous surfaces until visibly wet.
3. Allow surfaces to remain visibly wet for 5 minutes.
4. Wipe surfaces dry or allow to air dry.

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

1. Pre-clean visibly soiled areas.
2. Apply use solution on hard, non-porous surfaces until visibly wet.
3. All surfaces must remain visibly wet for 5 minutes[†].
4. Wipe surfaces dry or let air dry.

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

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

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. Wipe surfaces and let 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. Wipe surfaces and let air dry.
4. Repeat application weekly or when growth reappears.

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 Deodorizer: Dilute at 1 fl. oz. of product per gallon of water (1:128). Apply to hard, non-porous surfaces. Allow surface to remain visibly wet for 3 minutes.

For Cleaning and Disinfection of Vehicles: Dilute at 2.0 – 8.0 fl. oz. of product per gallon of water (1:64 – 1:16). To disinfect the non-porous, hard surfaces of vehicles:

Remove all litter and manure, fecal matter from surfaces and thoroughly clean surfaces with this product and rinse with water. Apply use solution of this product using a high pressure or coarse spray system. Allow product to remain in contact with surfaces for 5 minutes when using a 1:16 (8.0 fl. oz. per gallon of water) dilution for bactericidal, and fungicidal 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. Allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent and then rinsed with potable water before reuse.

Poultry Houses and Poultry Hatcheries: 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, stables, catteries etc.:

1. Remove all poultry and feeds from premises, trucks, coops and crates.
2. Remove all litter and droppings from floors[‡], walls and surfaces of facilities occupied or traversed by poultry.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces by removing visible soils with this product and rinse with water.
5. Apply use solution on hard, non-porous surfaces. At a 1:16 dilution, allow surfaces to remain visibly wet for 5 minutes for bactericidal and fungicidal efficacy. At a 1:64 dilution, allow surfaces to remain visibly wet for 5 minutes[†] for *viruses and 10 minutes for bacteria.
6. Ventilate buildings, coops and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
7. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before re-use.

***This product kills HBV, HCV and HIV-1 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 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) (associated with AIDS).

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.

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.

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.

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

[‡] When used according to disinfection use directions.

[§] When the sanitization directions for use are followed.

^{*} hard, non-porous surfaces.

[‡] Rinse with potable water after disinfecting.

[†] Non-food contact surfaces of

“Accelerated” does not imply increased product efficacy.