

Virex® Tb

Ready-To-Use Disinfectant Cleaner

Meets OSHA Bloodborne Pathogen Standard for HBV & HIV

Tuberculocidal • *Virucide • Fungicide (against Pathogenic fungi)

ACTIVE INGREDIENTS:

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chlorides 0.105%

n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl ammonium chlorides 0.105%

OTHER INGREDIENTS: 99.790%

TOTAL: 100.000%

KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements on back panel.

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.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IN CASE OF EMERGENCY, CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.

1-800-851-7145

Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.

Net Contents:

946 mL / 1 U.S. Qt.

04743

***Virux® Tb** is designed specifically as a general non-acid cleaner and disinfectant for use in hospitals, nursing homes, schools and hotels. It is formulated to disinfect hard non-porous environmental surfaces such as walls, sink tops, tables, telephones, glazed ceramic tile in bathrooms, shower stalls, bathtubs and cabinets. May be used in the kitchen on counters, sinks, appliances and stovetops. A rinse with potable water is required for surfaces in direct contact with food. Do not use on eating utensils, plates or glasses.

When used as directed, this product is highly effective against a wide variety of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew. Using approved AOAC test methods, in the presence of 10% serum load and 3 minute contact time, **Virex® Tb** kills the following on hard, non-porous inanimate surfaces: *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella enterica*, *Escherichia coli* O157:H7, *Campylobacter jejuni*, *Enterococcus faecalis* (VRE), *Staphylococcus aureus* (MRSA), Community Associated Methicillin Resistant *Staphylococcus aureus* (CA-MRSA) (NRS 123) Genotype USA400, *Staphylococcus epidermidis* (MRSE), *Streptococcus pneumoniae* (PRSP), *Herpes Simplex Virus Type 1, *Herpes Simplex Virus Type 2, *Canine parvovirus.

Kills Norwalk virus and Feline Calicivirus when used as directed on hard, non-porous inanimate surfaces with a 30 second contact time.

Kills *Hepatitis B Virus (HBV), *Hepatitis C Virus (HCV) and *HIV-1 (AIDS virus) (HTLV-III) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

Kills *Human Coronavirus, (VR-740) when used as directed on hard, non-porous inanimate surfaces with a 2 minute contact time.

*Kills Pandemic 2009 H1N1 Influenza A virus.

See reference sheet for a complete list of organisms.

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 Cleaner/Disinfectant: Spray evenly over surface. Be sure to wet all surfaces thoroughly. Let product remain on surface for 3 minutes. For Hepatitis A, let surface remain wet for 10 minutes. Wipe with clean cloth, sponge or paper towel. For heavily soiled areas, thoroughly clean surface prior to disinfecting. Note: All food contact surfaces such as kitchen counters and tables used for food preparation, appliances and sinks must be rinsed thoroughly with potable water after disinfecting. This product must not be used to clean the following surfaces: utensils, glassware and dishes.

To Use as a Tuberculocide: Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to saturate the surface and remain wet for 5 minutes. Wipe off with a clean cloth, mop or sponge.

To Kill Norwalk Virus and Feline Calicivirus: Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to saturate the surface and remain wet for 30 seconds. Wipe off with a clean cloth, mop or sponge. A rinse with potable water is required for surfaces in direct contact with food. This product must not be used to disinfect or clean utensils, glassware and dishes.

To Sanitize Non-Food Contact Surfaces: Remove gross filth or heavy soil prior to sanitization. Apply this product until thoroughly wet. Let stand 30 seconds. Then wipe. Not for use on food contact surfaces or on food preparation areas.

To Control Mold And Mildew: Apply this product to pre-cleaned hard, non-porous inanimate surfaces. Allow to air dry. Repeat application weekly or when growth reappears.

To Kill Fungi: Pre-clean heavily soiled areas. Apply this product to hard, non-porous inanimate surfaces. Allow surface to remain wet for 3 minutes. Wipe surfaces and let air dry.

For Use In Treatment Of Animal Housing Facilities:

1. Remove all animals and feed from areas being treated.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities occupied or traversed by animals.
3. Empty or cover all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Apply fresh use solution to floors, walls, cages and other washable hard, non-porous environmental surfaces. For smaller surfaces, use a trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for 10 minutes.
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. Do not house animals or employ equipment until product has dried.
8. For disinfection of feed racks, troughs, automatic feeders, fountains and watering appliances scrub with use-solution, let stand 10 minutes. Then thoroughly scrub all treated surfaces with soap or detergent and rinse with potable water before reuse.

QUESTIONS: Call 1-800-558-2332 Weekdays 8-5

Central Time

Manufactured for

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PO Box 19747, Charlotte, NC 28219-0747

***Kills HBV, HCV and HIV-1 in one minute on pre-cleaned inanimate surfaces/objects previously soiled with blood/body fluids** in health care settings (Hospitals, Nursing Homes) 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 Hepatitis B Virus, Hepatitis C Virus and Human Immunodeficiency Virus Type 1 (HIV-1) (and 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 as appropriate, 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 wet for 1 minute to kill HBV, HCV and HIV-1.

For other organisms allow surface to remain wet for 3 minutes, 5 minutes for *Mycobacterium tuberculosis* (BCG) and 10 minutes for HAV.

DISPOSAL OF INFECTIOUS MATERIAL: 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

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

Pesticide Storage: Store in original container and place in locked storage area. Store in a dry place no lower in temperature than 50°F or higher than 120°F.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer container for recycling, if available.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

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EPA Est. 0312-WI-3 (NW); 7546-WI-1 (WT); 13938-CAN-1 (LD)

Lot code letters indicate establishment number.

See SDS # MS0800547

Virex[®] Tb

When used as directed, Virex[®] Tb contains 2100 ppm of active germicide making it highly effective against a wide variety (broad-spectrum) of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew.

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 10% serum load and 3 minute contact time (unless otherwise noted); Virex[®] Tb kills the following on hard non-porous inanimate environmental surfaces:

Bacteria:

Pseudomonas aeruginosa, (ATCC 15442)
Staphylococcus aureus, (ATCC 6538)
Salmonella enterica, (ATCC 10708) formerly known as Salmonella choleraesuis
Acinetobacter calcoaceticus, (ATCC 23055)
Brevibacterium ammoniagenes, (ATCC 6872)
Burkholderia cepacia, (ATCC 25416) formerly known as Pseudomonas cepacia
Campylobacter fetus, (ATCC 27374)
Campylobacter jejuni, (ATCC 29428)
Citrobacter freundii, (ATCC 8090)
Enterobacter aerogenes, (ATCC 13048)
Enterobacter agglomerans, (ATCC 27155)
Enterococcus faecalis, (ATCC 19433) formerly known as Streptococcus faecalis
Enterococcus hirae, (ATCC 10541)
Escherichia coli, (ATCC 11229)
Escherichia coli O157:H7, (ATCC 43890)
Haemophilus influenza, (ATCC 10211)
Klebsiella pneumoniae, (ATCC 13883)
Legionella pneumophila, (ATCC 33153)
Listeria monocytogenes, (ATCC 15313)
Micrococcus luteus, (ATCC 4698)
Morganella morganii, (ATCC 25830)
Neisseria gonorrhoeae, (ATCC 43069)
Pasteurella multocida, (ATCC 43137)
Proteus mirabilis, (ATCC 33583)
Proteus vulgaris, (ATCC 13315)
Pseudomonas fluorescens, (ATCC 13525)
Salmonella enteritidis, (ATCC 4931)
Salmonella schottmuelleri, (ATCC 10719)
Salmonella typhi, (ATCC 6539)
Serratia liquefaciens, (ATCC 35551)
Shigella dysenteriae, (ATCC 13313)
Shigella flexneri, (ATCC 9380)
Streptococcus pyogenes (Necrotizing Fasciitis - Group A), (clinical isolate)
Vibrio cholera, (ATCC 11623)
Yersinia enterocolitica, (ATCC 23715)

Antibiotic-Resistant Bacteria:

Enterococcus faecalis, (ATCC 51299); Resistant to Vancomycin [VRE]
Staphylococcus aureus, (ATCC 33591) Resistant to Methicillin [MRSA]
Staphylococcus epidermidis, (ATCC 51625); Resistant to Methicillin [MRSE]
Community Associated Methicillin Resistant Staphylococcus aureus (CA-MRSA), (NRS 123) Genotype USA400
Streptococcus pneumoniae, (ATCC 51915); Resistant to Penicillin [PRSP]
Community Associated Methicillin Resistant Staphylococcus aureus (CA-MRSA), (NRS 384) Genotype USA300

*Viruses:

*Adenovirus Type 2, (VR-846)
*Herpes Simplex Virus Type 1 (HSV-1), (VR-733)
*Herpes Simplex Virus Type 2 (HSV-2), (VR-734)
*Influenza Virus Type A₂ (Hong Kong), (VR-544)
*Poliovirus Type 1, (VR-192)
*Rhinovirus Type 39, (VR-340)
*Respiratory syncytial virus, (VR-26)
*Rotavirus, (Strain WA)

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

Kills *Human Coronavirus, (VR-740) when used as directed on hard, non-porous inanimate surfaces with a 2 minute contact time.

Kills *Hepatitis A Virus (HAV) when used as directed on hard, non-porous inanimate surfaces with a 10 minute contact time.

*Kills Pandemic 2009 H1N1 Influenza A virus.

*Veterinary viruses:

*Avian Influenza Virus, (VR-2072)
*Canine parvovirus, (VR-2017)
*Feline panleukopenia Virus, (VR-648)
*Pseudorabies Virus, (VR-135)

Fungi/Yeast:

Aspergillus niger, (ATCC 16404)
Candida albicans, (ATCC 18804)
Trichophyton mentagrophytes, (ATCC 9533)

Tuberculocidal Activity – This product exhibits disinfectant efficacy against Mycobacterium tuberculosis (BCG) in 5 minutes at 20° C when used as directed on previously cleaned hard non-porous environmental surfaces.

Fungicidal Activity – This product is fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (the fungus which causes Athlete's Foot Fungus) in 3 minutes when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, or other clean, non-porous, hard surfaces commonly contacted by bare feet.

Mildewstatic Activity – controls and prevents the growth of mold and mildew: Aspergillus niger (ATCC 6275) and the odors caused by them when applied to hard, non-porous environmental surfaces.

Non-Food Contact Surface Sanitizer for hard non-porous surfaces – effective against Enterobacter aerogenes (ATCC 15038) and Staphylococcus aureus (ATCC 6538) in 30 seconds.

Malodors – eliminates odors and odor-causing bacteria on hard, nonporous surfaces in restroom areas, behind and under sinks and counters, storage areas and other places where bacterial growth can cause malodors.

See container label for First Aid, Precautionary Statements and complete Directions for Use.

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