

Product Specification Document

0509

TB Disinfectant Cleaner Ready-to-Use

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CLASSIFICATION:

Ready-to-Use Tuberculocidal • Virucide • Fungicide (against pathogenic fungi)

SCOPE:

This product is designed specifically as a general non-acid, ready-to-use cleaner and disinfectant for use in hospitals, nursing homes, schools, transportation terminals, office buildings, manufacturing facilities, lodging establishments, retail businesses and athlete/recreational facilities where housekeeping is of prime importance in controlling the hazard of cross contamination. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, and cabinets. **For plastic and painted surfaces, spot test on an inconspicuous area before use.** 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. In addition, this product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.

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 for use on critical or semi-critical medical device surfaces.

DISINFECTION, DEODORIZING AND CLEANING - 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 penetrate and remain wet for 3 minutes (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 one minute and for HBV and HCV 5 minutes. No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum.

One-step cleaning and disinfection of toilet bowls and urinals: Remove water from bowl by forcing water over trap with a swab mop applicator. Press swab mop against side of the bowl to remove excess water from applicator. Apply 1 to 2 ounces of this product evenly, allowing sufficient time for product to cover entire surface of bowl for maximum cleaning. Swab bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand 3 minutes and (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 one minute and for HBV and HCV 5 minutes and flush. Using approved AOAC test methods (under Good Laboratory Practices [GLP]) in the presence of 5% blood serum and a 3 minute contact time unless otherwise noted, this product kills the following organisms on hard, non-porous, inanimate surfaces:

BACTERICIDAL ACTIVITY: *Pseudomonas aeruginosa* (ATCC 15442), *Listeria monocytogenes* (ATCC 35152), *Staphylococcus aureus* (ATCC 6538), *Yersinia enterocolitica* (ATCC 23715), *Salmonella (choleraesuis) enterica* (ATCC 10708), *Enterococcus faecium* (ATCC 6569), *Escherichia coli* (ATCC 11229), *Corynebacterium ammoniagenes* (ATCC 6871), *Escherichia coli* O157:H7 (ATCC 43895), *Salmonella (typhi)* (ATCC 6539).

ANTIBIOTIC-RESISTANT BACTERICIDAL ACTIVITY:

Methicillin resistant Staphylococcus aureus (MRSA), ATCC 33593 *Vancomycin resistant Enterococcus faecalis* (VRE), (ATCC 51575) *Vancomycin intermediate resistant Staphylococcus aureus* (VISA), (CDC Isolate 99287) *Community Associated Methicillin resistant Staphylococcus aureus* (CA-MRSA), (NRS 123) Genotype USA400 *Community Associated Methicillin resistant Staphylococcus aureus* (CA-MRSA), (NRS 384) Genotype USA300

TUBERCULOCIDAL ACTIVITY - This product exhibits disinfectant efficacy against *Mycobacterium tuberculosis BCG* (*Mycobacterium bovis*) at 20 degrees Centigrade when the treated surface is allowed to remain wet for 5 minutes.

***VIRUCIDAL ACTIVITY** - This product kills on hard, non-porous inanimate surfaces when allowed to remain wet for a 10 minute contact time against: Canine parvovirus (ATCC VR-2017), Hepatitis A Virus (HAV) (University of Ottawa), Poliovirus Type 1 (ATCC VR-1000). This product, when used on environmental, inanimate hard surfaces exhibits virucidal activity against: Hepatitis B Virus (HBV) (Hepadnavirus Testing, Inc.), Hepatitis C Virus (HCV) and Bovine Viral Diarrhea Virus (BVDV) (NVSL) when the treated surface is allowed to remain wet for 5 minutes; Human Coronavirus (ATCC VR-740), SARS associated Coronavirus (ZeptoMetrix), Avian Influenza A (Avian Influenza strains H3N2 and H9N2) for 2 minutes; Paramyxovirus (Mumps) (ATCC VR-1438), Rhinovirus type 39 (ATCC VR-340) and Rotavirus (University of Ottawa) for 3 minutes; HIV-1 (associated with AIDS) (Advanced Biotechnologies, Inc.) for 1 minute and Norovirus (Norwalk Virus), Feline Calicivirus (University of Ottawa) and Rabies Virus (CDC) for 30 seconds.

***KILLS HIV-1, HBV, AND HCV ON PRE-CLEANED ENVIRONMENTAL 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 Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV, AND HCV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS; PERSONAL PROTECTION: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIME: Allow surface to remain wet for HBV and HCV 5 minutes for HIV-1 one minute. **These contact times will not control other common types of viruses and bacteria.**

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

MILDEWSTAT - To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

FUNGICIDAL ACTIVITY - This product is fungicidal against the pathogenic fungus, *Trichophyton mentagrophytes* (ATCC 9533) (Athlete's Foot Fungus) when used with a 10 minute contact time on clean, non-porous, hard surfaces as found in bathrooms, shower stalls, locker rooms, or other areas commonly contacted by bare feet.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION; KEEP OUT OF REACH OF CHILDREN: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

FIRST AID: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. 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. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. You may contact 1-800-328-0026 for emergency medical treatment information.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

Store in a dry place no lower in temperature than 50°F or higher than 120°F. Do not reuse empty container. Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

CHEMICAL PROPERTIES:

State	Liquid			
Appearance	Clear			
Fragrance	Fragrance-Like			
pH – conc.	12.3			
% P	0			
Hazard Rating (HMIS)		Health - 1	Fire - 2	Reactivity - 0

REGULATORY CLAIMS:

EPA Registration Number: 1839-83-1677

MICROBIOLOGY:

TB Disinfectant Cleaner Ready-to-Use is proven effective against:

Using approved AOAC test methods (under Good Laboratory Practices [GLP]) in the presence of 5% blood serum and a 3 minute contact time unless otherwise noted, this product kills the following organisms on hard, non-porous, inanimate surfaces:

BACTERICIDAL ACTIVITY (3 minute Contact Time)

Pseudomonas aeruginosa (ATCC 15442)
Listeria monocytogenes (ATCC 35152)
Yersinia enterocolitica (ATCC 23715)
Staphylococcus aureus (ATCC 6538)
Salmonella typhi (ATCC 6539)
Salmonella (choleraesuis) enterica (ATCC 10708)
Enterococcus faecium (ATCC 6569)
Escherichia coli (ATCC 11229)
Corynebacterium ammoniagenes (ATCC 6871)
Escherichia coli O157:H7 (ATCC 43895)
Paramyxovirus (Mumps) (ATCC VR-1438)

FUNGICIDAL ACTIVITY (10 Minute Contact Time)

Trichophyton mentagrophytes (ATCC 9533) (Athlete's Foot Fungus)

TUBERCULOCIDAL ACTIVITY (5 minute Contact Time)

Mycobacterium tuberculosis (BCG) in 5 minutes at 20 degrees centigrade

ANTIBIOTIC-RESISTANT BACTERICIDAL ACTIVITY (3 minute Contact Time)

Methicillin resistant Staphylococcus aureus (MRSA), ATCC 33593)
Vancomycin resistant Enterococcus faecalis (VRE), (ATCC 51575)
Vancomycin intermediate resistant Staphylococcus aureus (VISA), (CDC Isolate 99287)
Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA), (NRS 123) Genotype USA400
Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA), (NRS 384) Genotype USA300

***VIRUCIDAL ACTIVITY**

(10 Minute Contact time)

Canine parvovirus (ATCC VR-2017)
Hepatitis A Virus (HAV) (University of Ottawa)
Poliovirus Type 1 (ATCC VR-1000)

(5 minute Contact Time)

Hepatitis B Virus (HBV) (Hepadnavirus Testing Inc)
Hepatitis C Virus (HCV)
Bovine Viral Diarrhea Virus (BVDV) (NVSL)

(2 Minute Contact Time)

Human Coronavirus (ATCC VR-740)
SARS associated Coronavirus (ZeptoMetrix)
Avian Influenza A (Avian Influenza strains H3N2 and H9N2)
Rhinovirus type 39 (ATCC VR-340)
Rotavirus (University of Ottawa)

(1 minute Contact Time)

HIV-1 (associated with AIDS) (Advanced Biotechnologies, Inc.)

(30 Second Contact Time)

Norovirus (Norwalk Virus)
Feline Calicivirus (University of Ottawa)
Rabies Virus (CDC)

STABILITY & STORAGE:

Shelf life: 12 Months

Stability: Stable under normal conditions of use and handling. Conditions to Avoid: Do not mix with other chemicals. Anionic surfactants reduce effectiveness of quat compounds. Use only according to label directions. Avoid high temperatures and ignition sources.

USAGE NOTES: Information intended for U.S. only.

PACKAGING & PRODUCT NUMBERS:

Size Available	Product Number
12/32 oz	65443556