

ACCEPTED
FOR REGISTRATION

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New York State Department
of Environmental Conservation
Division of Materials Management
Pesticide Product Registration



TB-Cide Quat®

**CLEANER
DEODORIZER/DISINFECTANT**
**TUBERCULOCIDAL • *VIRUCIDE
MILDEWSTAT (on hard inanimate surfaces)
FUNGICIDE (against pathogenic fungi)**

KEEP OUT OF REACH OF CHILDREN
CAUTION
See side panels for additional
precautionary statements.
U.S. Patent No. 5,444,094

EPA Reg. No. 1839-83-5741
EPA Est. No. 5741-OH-1

ACTIVE INGREDIENTS:	
n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides	0.105%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides	0.105%
INERT INGREDIENTS:	99.790%
TOTAL:	100.000%

NET CONTENTS: 32 Fl. Oz. (One Quart)/0.946 Liters



#1021

TB-Cide Quat is designed specifically as a general non-acid cleaner and disinfectant for use in hospitals, nursing homes, schools, transportation terminals, office buildings, manufacturing facilities, lodging establishments, retail businesses and athletic/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.** A rinse with potable water is required for surfaces in direct contact with food. In addition, TB-Cide Quat deodorizes those areas that 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 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.

DISINFECTION, DEODORIZING AND CLEANING

Remove gross filth or heavy soil prior to application of TB-Cide Quat. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow TB-Cide Quat to penetrate and the surface to remain wet for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 **1 minute** and for HBV and HCV **5 minutes**). No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. This product will not leave grit or soap scum.

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 5% blood serum and a **3 minute** contact time, unless otherwise noted, TB-Cide Quat kills the following organisms on hard non-porous inanimate surfaces:

BACTERICIDAL ACTIVITY:

Pseudomonas aeruginosa, (ATCC 15442)	Escherichia coli, (ATCC 11229)
Listeria monocytogenes, (ATCC 35152)	Corynebacterium ammoniagenes, (ATCC 6871)
Staphylococcus aureus, (ATCC 6538)	Escherichia coli 0157:H7, (ATCC 43895)
Yersinia enterocolitica, (ATCC 23715)	Salmonella (typhi) enterica, (ATCC 6539)
Salmonella (choleraesuis) enterica, (ATCC 10708)	Streptococcus pyogenes (Necrotizing Fasciitis-Group A)
Enterococcus faecium, (ATCC 6569)	(V.A. Medical Center Isolate 04001)

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)
Methicillin resistant Staphylococcus epidermidis (MRSE), (ATCC 51625)
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 - TB-Cide Quat exhibits disinfectant efficacy against Mycobacterium tuberculosis BCG at 20 degrees Centigrade when the treated surface is allowed to remain wet for **5 minutes**.

***VIRUCIDAL ACTIVITY** - TB-Cide Quat kills on hard, non-porous inanimate surfaces when allowed to remain wet for a 10 minute contact time against: Hepatitis A Virus (HAV), Canine Parvovirus (ATCC VR-2017), Poliovirus Type 1 (ATCC VR-1000).

TB-Cide Quat, when used on environmental, inanimate hard surfaces exhibits virucidal activity against: **Hepatitis B Virus (HBV), Hepatitis C Virus (HCV) and Bovine Viral Diarrhea Virus (BVDV)** when the treated surface is allowed to remain wet for **5 minutes**; **Human Coronavirus, SARS associated Coronavirus, Avian Influenza A Strain H3N2 and Avian Influenza A strain H9N2** for **2 minutes**; **Paramyxovirus (Mumps), Rhinovirus type 39 and Rotavirus** for **3 minutes**; **HIV-1 (associated with AIDS)** for **1 minute (60 seconds)**; and **Norovirus (Norwalk virus), Feline Calicivirus and Rabies Virus** for **30 seconds**. Kills **Pandemic 2009 H1N1 Influenza A virus**.

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 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks and 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 **1 minute**. **These contact times will not control other common types of viruses and bacteria.**

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

FUNGICIDAL ACTIVITY - TB-Cide Quat is fungicidal against the pathogenic fungus, Trichophyton mentagrophytes (Athlete's Foot Fungus) (a cause of ringworm), 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).

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.

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.

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.

PESTICIDE STORAGE - 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. Do not reuse or refill container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

Sold by: **Spartan Chemical Company, Inc.**, 1110 Spartan Drive, Maumee, OH 43537
1-800-537-8990 / Medical Emergency: 888-314-6171 / www.spartanchemical.com

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