

# TB QUAT #2353

Mildewstat, Disinfectant, Tuberculocidal, Virucide, Fungicide, H1N1 Influenza



## Features:

- Ready-to-use
- 0.21% active quaternary ammonium chlorides
- EPA registered
- Meets OSHA Bloodborne Pathogen Standard for HIV, HBV and HCV
- Efficacy tests have demonstrated that this product is an effective bactericide, fungicide and virucide in the presence of organic soil (5% blood serum)
- Effective against H1N1, MRSA, Influenza A, Staph, Corona Virus, rabies virus, Parvo, tuberculosis, hepatitis A, B and C, athlete's foot fungus and more



## Description:

This product is designed specifically as a general non-acid cleaner and disinfectant for use in homes, hospitals, nursing homes, patient rooms, operating rooms, ICU areas, schools, food service establishments, 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, nonporous, 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 stove tops. 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. Cooling Coils Disinfectant Cleaner: This product is a ready-to-use, one-step disinfectant cleaner for HVAC cooling coils and refrigeration equipment evaporation coils. When using this product to disinfect and clean cooling coils, disconnect power to the unit before applying product.

TB Quat (EPA Reg # 1839-83-13103) has demonstrated effectiveness against viruses similar to 2019 novel coronavirus-Wuhan (also 2019-nCoV) on hard non-porous surfaces. Therefore, this product can be used against 2019 novel coronavirus-Wuhan (also 2019-nCoV) when used in accordance with the directions for use against Human Rotavirus, Rhinovirus Type 39, Hepatitis A virus, Poliovirus Type 1, and Canine Parvovirus on hard, non-porous surfaces. Refer to the CDC website (<https://www.cdc.gov/coronavirus/2019-ncov/index.html>) for additional information.

## Applications:

- Hospitals
- Hotels/Motels
- Meat/Poultry Plants
- Schools
- Restaurants
- Food Processing Plants
- Correctional Facilities
- Nursing Homes
- Refineries

## Product Characteristics:

Appearance:	Clear liquid
Odor:	Fresh
Boiling Point:	>212°F
Solvents:	8%
Specific Gravity:	1.02
Solubility (water):	Complete
Relative Density:	1.0
Flash Point:	No flash (standard)
VOC (%):	0
pH:	12-12.5
Storage:	Do not use or store near heat, sparks or open flame. Store in a cool, dry place.
<b>Transport Information:</b>	
UN Number:	Not regulated
Proper Shipping Name:	Not regulated
Class:	Not regulated

## Pictograms:

Not applicable.

## Signal Word:

Warning.

## Personal Protective Equipment Required:



## DOT Placard:

Not regulated.

# TB QUAT #2353

## Continued

---

### Directions:

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 1 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 (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 1 minute and for HBV and HCV 5 minutes) and flush. To disinfect food service establishment food contact surfaces: countertops, appliances, tables, hold container six to eight inches from the surface to be treated and 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 1 minute and for HBV and HCV 5 minutes). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product. Do not use on eating utensils, glassware and cookware.

---

### Efficacy:

Using approved AOAC test methods (under Good Laboratory Practices, [GLPs]), 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), *Streptococcus pyogenes* (Necrotizing Fasciitis-Group A) (V.A. Medical Center Isolate 04001), *Salmonella (typhi) enterica*, (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), 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:** 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: Poliovirus Type 1 (ATCC VR-1000), Canine Parvovirus (ATCC VR-2017, Hepatitis A Virus (HAV).

This product, 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 (ATCC VR-740), SARS associated Coronavirus, 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 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 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), 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, 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 1 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) (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).**



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2353	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	T.B. QUAT	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Disinfectant, Cleaner, Deodorant, Mildewstat, Virucide, Fungicide, Tuberculocidal.	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Eye Irritation - Category 2B	<b>SIGNAL WORD:</b> <b>WARNING</b>	<b>SYMBOL:</b>			
--	---------------------------------------	----------------	--	--	--

### HAZARD STATEMENTS:

Keep out of reach of children.  
Read label and SDS before use.  
Causes eye irritation.

### PRECAUTIONARY STATEMENTS:

#### Prevention:

Wear eye protection.  
Wash hands and face thoroughly after handling.

#### Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.  
Get medical advice/attention if you feel unwell.

**Disposal:** Dispose of contents and container in accordance with all local, regional, and national regulations.

### HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Diethylene Glycol Butyl Ether	112-34-5	>=5 <= 10
Tetrasodium Ethylene Diamine Tetraacetate	64-02-8	>=1 <= 5

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**WARNING:** May be harmful if swallowed or inhaled. Eye irritant.

**EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**SKIN:** Wash with plenty of soap and water.

### INHALATION:

Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

### INGESTION:

May be harmful if swallowed. Seek medical attention immediately.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Containers may build pressure and rupture.

### HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide.

### SPECIFIC FIRE-FIGHTING METHODS:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

Put on appropriate personal protective equipment (see Section 8).

### ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

## 7. Handling and Storage

Do not use or store near heat, sparks, or open flame. Store in a cool, dry place. Do not get in eyes, on skin, or on clothing. Keep out of reach of children.

## 8. Exposure Controls / Personal Protection

### Diethylene Glycol Butyl Ether

ACGIH TLV: 35 ppm

OSHA PEL: 35 ppm

### PERSONAL PROTECTIVE EQUIPMENT:



**EYE/FACE PROTECTION:** Wear safety glasses or goggles.

**SKIN PROTECTION:** To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile, or neoprene).

**RESPIRATOR PROTECTION:** When respiratory protection is required, use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

### ENGINEERING CONTROLS:

Good general ventilation required.

## 9. Physical & Chemical Properties

<b>Appearance:</b>	Clear liquid.	<b>Explosive Limit Ranges:</b>	Not available.
<b>Physical State:</b>	Liquid.	<b>Explosive Properties:</b>	Not available.
<b>Color:</b>	Blue.	<b>VOC Content (Wt. %):</b>	0
<b>Odor:</b>	Pleasant.	<b>Oxidizing Properties:</b>	Not available.
<b>Odor Threshold:</b>	Not available.	<b>Vapor Density:</b>	Not available.
<b>pH:</b>	12-12.5	<b>Vapor Pressure:</b>	Not available.
<b>Melting/Freezing Point:</b>	Not available.	<b>Relative Density:</b>	1.0
<b>Boiling Point:</b>	Not available.	<b>Solubility (water):</b>	Complete.
<b>Viscosity:</b>	Not available.	<b>Auto-Ignition Temperature:</b>	Not available.
<b>Flash Point:</b>	None.	<b>Decomposition Temperature:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.	<b>Partition Coeff (n-octanol/water):</b>	Not available.

## 10. Stability & Reactivity Information

### REACTIVITY:

Under normal conditions of storage and use, hazardous reactions will not occur.

### CHEMICAL STABILITY:

Stable under normal conditions.

### INCOMPATIBLE MATERIALS:

Acids and strong oxidizers.

### CONDITIONS TO AVOID:

High temperatures.

### DECOMPOSITION PRODUCTS:

CO, CO<sub>2</sub>.

## 11. Toxicological Information

### PRIMARY ROUTE OF ENTRY:

Skin and eye contact, inhalation.

**Eyes:** Cause eye irritation. Symptoms include stinging, tearing, and redness.

**Skin:** May cause skin irritation.

**Inhalation:** High vapor concentrations may be irritating to respiratory tract.

**Ingestion:** May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea, and general weakness.

### CHRONIC/LONG TERM EFFECTS:

None known.

### TARGET ORGAN EFFECTS:

None known.

### REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

No data.

### CARCINOGENIC INFORMATION:

This material is not listed as a carcinogen by IARC, NTP or OSHA.

### ACUTE TOXICITY VALUES:

Not available.

## 12. Ecological Information

Not available.

### 13. Disposal Consideration

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. See label for further instructions.

### 14. Transportation Information

Not regulated.

### 15. Regulatory Information

#### SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS & REAUTHORIZATION ACT (SARA) OF 1986 (40 CFR 372.65):

Diethylene Glycol Butyl Ether

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

#### TITLE III SECTION 311/312:

Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic ( ) Fire ( ) Pressure ( ) Reactive ( ) Not Applicable ( )

#### T.S.C.A. STATUS:

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

#### RCRA STATUS:

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s):

None

#### FIFRA INFORMATION:

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

#### SIGNAL WORD:

CAUTION.

#### HAZARD STATEMENT:

Causes moderate eye irritation.

### 16. Other Information

#### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

This product is designed specifically as a general non-acid cleaner and disinfectant for use in homes, hospitals, nursing homes, patient rooms, operating rooms, ICU areas, schools, food service establishments, 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.** May be used in the kitchen on counters, sinks, appliances, and stove tops. A rinse with potable water is required for surfaces in direct contact with food. In addition, this product 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. **Cooling Coils Disinfectant Cleaner:** This product is a ready-to-use, one-step disinfectant cleaner for HVAC cooling coils and refrigeration equipment evaporation coils. When using this product to disinfect and clean cooling coils, disconnect power to the unit before applying product. **Follow directions under the DISINFECTION, DEODORIZING AND CLEANING section.**

#### 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 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. 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 for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 **1 minute** and for HBV and HCV **5 minutes**) and flush. **To disinfect food service establishment food contact surfaces:** Before using this product, food products and packaging materials must be removed or carefully protected. For countertops, appliances, tables, hold container six to eight inches from the surface to be treated and 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 **1 minute** and for HBV and HCV **5 minutes**). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product. Do not use on eating utensils, glassware and cookware.

Using approved AOAC test methods (under Good Laboratory Practices, (GLPs)), 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), *Streptococcus pyogenes* (Neoracing Fossils-Group A) (VA Medical Center Isolate 04001), *Salmonella (typhi) enterica* (ATCC 6539). **ANTIBIOTIC-RESISTANT BACTERICIDAL ACTIVITY:** *Methicillin resistant Staphylococcus aureus* (MRSA) (ATCC 33593), *Vancomycin resistant Enterococcus faecalis* (VRE) (ATCC 51757), *Vancomycin intermediate resistant Staphylococcus aureus* (VISA) (CDC isolate 99278), *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.

**PRO  
CHEM**

# TB Quat

CLEANER / DEODORIZER

- MILDEWSTAT (on hard inanimate surfaces) ● DISINFECTANT
- TUBERCULOCIDAL ● VIRUCIDE ● FUNGICIDE (against pathogenic fungi)
- Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu)
- MEETS OSHA BLOODBORNE PATHOGEN STANDARD FOR HIV, HBV & HCV

#### 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%  
**INERT INGREDIENTS** .....99.790%  
Total .....100.000%

## KEEP OUT OF REACH OF CHILDREN CAUTION

#### PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**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.	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>● Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>● Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>● Call a poison control center or doctor immediately for treatment advice.</li> <li>● Have person sip a glass of water if able to swallow.</li> <li>● Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>● Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>● Move person to fresh air.</li> <li>● If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>● Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

Sold by: PRO CHEM, INC.  
P.O. BOX 1309 • ALPHARETTA, GA 30009 • TO REORDER CALL: 1-800-241-8180

NET CONTENTS: 1 QUART (946 ML)

EPA REG. NO. 1839-83-11861

EPA EST. NO. 3862-GA-1

**TUBERCULOCIDAL ACTIVITY** - This product exhibits disinfectant efficacy against *Mycobacterium tuberculosis* BCG (*Mycobacterium bovis*) at 20 degrees Centigrade (20°C) 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: Poliovirus Type 1 (ATCC VR-1000), Canine Parvovirus (ATCC VR-2017), Hepatitis A Virus (HAV).

This product, 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 (ATCC VR-740), SARS associated Coronavirus, and Avian Influenza A (Avian Influenza strains H3N2 and H5N2) for 2 minutes; Paramyxovirus (Mumps) (ATCC VR-1438), Rhinovirus type 39 (ATCC VR-340) 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 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. **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) (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).**

## 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 ¼ 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.

651432P984.120215