

## Mikro-Quat®

Net Contents: 1 U.S. gal/3.78 L

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Use *Mikro-Quat* on washable, hard, non-porous surfaces of: glazed ceramic, glazed enamel, glazed porcelain, laminated surfaces, metal, plastic, stainless steel.

For disinfection, apply *Mikro-Quat* to walls, floors, sinks, counter tops, hard nonporous surface furnishings and equipment with cloth, mop or hand spray bottle. Wet surfaces thoroughly and allow to remain wet for at least 10 minutes. Preliminary removal of gross soil is required. Prepare fresh solution daily or more often if the solution becomes diluted or soiled. Use *Mikro-Quat* in hospitals (suitable for conductive floors), nursing homes, food service facilities, schools and animal research facilities.

#### Light-Duty Cleaning and Sanitizing-Non-Food contact Surfaces

Use 1/3 oz. *Mikro-Quat* per gal. (235 ppm) of warm or hot water. Allow 1 minute contact time. At this concentration the product is effective in the presence of protein (5% blood serum) against *Escherichia coli* O157:H7, *Staphylococcus aureus*, and *Enterobacter aerogenes*.

#### Combination Disinfection and Cleaning

Use 1 oz. *Mikro-Quat* per gal. of water (700 ppm). Allow 10 minutes contact time. Remove solution and entrapped soil with clean wet mop, cloth or wet vacuum pickup.

*Mikro-Quat* has been found effective against the following bacteria at 1 oz. per gallon in the presence of protein (5% blood serum):

<i>Staphylococcus aureus</i>	<i>Escherichia coli</i>	<i>Pseudomonas aeruginosa</i>
<i>Salmonella enterica</i>	<i>Trichophyton mentagrophytes</i>	<i>Proteus vulgaris</i>
<i>Vibrio cholerae</i>	<i>Staphylococcus aureus</i> HL121 (Methicillin resistant)	<i>Enterococcus faecalis</i> (vancomycin resistant)
<i>Salmonella typhi</i>		

**Virucidal:** Disinfects the following viruses on inanimate environmental surfaces at a use dilution of 1:128 (1 oz. per gal. of water).

Mikro-Quat has been found effective against the following viruses at 1 oz. per gallon in the presence of protein (5% blood serum):

HIV-1 (AIDS virus)	Herpes Simplex Virus, type 1	Newcastle Disease virus
Vaccinia Virus	Influenza A2 Virus/Hong Kong	Norovirus (Feline calicivirus surrogate)

Kills Pandemic 2009 H1N1 influenza A virus.

This product kills HIV on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in health care settings 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 the transmission of human Immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

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### SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

**Personal Protection:** When handling items soiled with blood or body fluids, wear personal protection such as disposable latex gloves, gowns, masks and eye coverings.

**Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant.

**Contact Time:** 10 minutes

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

**KILLS PATHOGENIC FUNGI** (T. mentagrophytes), the agent that causes Athlete's foot fungus, on inanimate hard surfaces such as shower room floors, bath mats and locker room benches at the use concentration of 1 oz. per gal. water (700 ppm). Follow the disinfection directions and allow 10 minute contact time.

**KILLS MILDEW FUNGI** on inanimate hard surfaces at the use concentration of 1 oz. per gal. water (700 ppm). Follow the disinfection directions and allow 10 minute contact time.

#### DO NOT MIX WITH ANYTHING BUT WATER

##### DILUTION TABLE

ppm active quaternary	235	700
oz. per gal. water	1/3	1
dilution equivalent	1:400	1:128

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 bloodstream 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. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

**For service or additional information, call 1-800-35-CLEAN (352-5326).**

**ECOLAB®** Ecolab Inc.  
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St. Paul, MN 55102-1390 U.S.A.

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**ECOLAB®**

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## Detergent • Germicide • Deodorizer

**13227**

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#### ACTIVE INGREDIENT:

Alkyl (50% C14, 40% C12, 10% C16)

dimethylbenzyl ammonium chloride ..... 9.5%

**INERT INGREDIENTS\*:** ..... 90.5%

**TOTAL** ..... 100.0%

\*Active as cleaning and buffering agents.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See side panel for additional precautionary statements.

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### PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**PELIGRO:** SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

**DANGER: CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes or on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wear protective clothing and rubber gloves. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**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. Call a poison control center or doctor for treatment for advice. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **IF SWALLOWED:** Call a poison control center or doctor for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.**

**FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA, CALL: 1-800-328-0026.**

**FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL: 1-651-222-5352 (IN THE USA).**

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container in a locked storage area. Store at ambient temperature. Keep container tightly closed when not in use. Do not freeze.

**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 this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

EPA Reg. No. 1677-21

EPA Est.1677-IL-2 (J), 1677-TX-1 (D), 1677-GA-1 (M), 1677-MN-1 (P), 1677-CA-1 (S), 1677-CA-2 (R), 1677-OH-1 (H), 303-IN-1 (L), 1677-WV-1 (V).

The superscript refers to the first letter of the date code.