

PM 31

1677-21

1/8

OCT 03 1985

Economics Laboratories, Inc.  
Osborn Building  
St. Paul, MN 55102

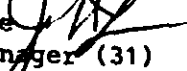
Attention: E. Barbara Crill

Gentlemen:

Subject: Mikro-Quat  
EPA Registration No. 1677-21  
Your Submission Dated August 7, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

John H. Lee   
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

RD/DB:JOB-51796:Lee:CBI-H:KENCO:9/26/85:Del.10/4/85:Kim

## CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes severe eye damage and skin irritation. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear safety glasses or goggles when handling. Wash after handling. Remove contaminated clothing and wash before reuse.

**PHYSICAL AND CHEMICAL HAZARDS:** Contains quaternary ammonium chlorides, nonionic wetting agents and alkaline buffers. Mix only with water according to label directions.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waterways unless in accordance with an NPDES permit. For guidance, contact the regional office of the U.S. Environmental Protection Agency.

#### USE DILUTION TEST (AOAC):

*S. holeraesuis* 1:200

*P. aeruginosa* 1:200

*S. typhosa* 1:200

*E. coli* 1:200

*S. aureus* 1:200

*T. intermedia* 1:200

*Pr. vulgatus* 1:200

ACCEPTED  
OCT 03 1985  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
this product is registered for the pesticide  
use specified on the label.  
EPA Reg. No. 1677-21

**VIRUCIDAL:** Disinfects the following viruses on inanimate environmental surfaces at the 1:200 use dilution (2 1/2 oz. per gal.):

Vaccinia

Influenza A

Herpes Simplex, Type 1

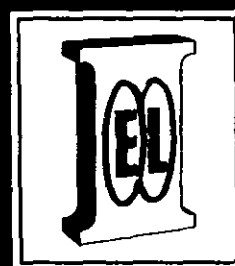
Adenovirus Type 3

Newcastle Disease

This product fulfills the criteria of Appendix F, the Grade "A" Pasteurized Milk Ordinance, 1978 recommendations of the United States Public Health Service in waters up to 500 ppm of hardness calculated as CaCO<sub>3</sub> when tested by the A.O.A.C. Germicidal and Detergent Sanitizer Official Method. Follow local health authorities' recommendations.

**PELIGRO:** Corrosivo. Cause daño grave a los ojos y irrita la piel. No si es ingerido. Evítase el contacto con los ojos, la piel o la ropa. Llévese anteojos de seguridad o antifaz cuando se usa este producto y lávese después de haberlo utilizado. Quítase la ropa contaminada y lávela antes de volver a usarla.

Para información en caso de emergencia médica, llámese gratuitamente: 1-800-328-0026.



# MIKRO QUAT

DETERGENT • GERMICIDE • DEODORIZER  
STAPHYLOCIDAL • PSEUDOMONACIDAL • FUNGICIDAL  
CLEANS, DISINFECTS AND DEODORIZES IN ONE  
OPERATION  
PLEASANT FRAGRANCE • ECONOMICAL TO USE

#### ACTIVE INGREDIENTS

Alkyl (50% C<sub>12</sub>, 40% C<sub>14</sub>, 10% C<sub>16</sub>)

dimethyl benzyl ammonium chloride

#### INERT INGREDIENTS\*

Active as cleaning and buffering agents

KEEP OUT OF REACH OF CHILDREN

## DANGER

### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Flush with cool water for at least 15 minutes. Get prompt medical attention.

**IF SWALLOWED:** Promptly drink a large quantity of milk, egg white, gelatin solution, or if these are not available, drink a large quantity of water. Avoid alcohol. Call a physician immediately.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

For emergency medical information, call toll-free: 1-800-328-0026.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

A product of ECONOMICS LABORATORY, INC.  
ST. PAUL, MINNESOTA 55102

EPA EST 1677 NJ-1

EPA REG NO 1677-21AA

NET CONTENTS: 5 GAL. (18.9 l)

# 14258

## DIRECTIONS FOR USE

### GENERAL CLASSIFICATION

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

Apply MIKRO-QUAT to walls, floors, sinks, counter tops, hard surface furnishings and equipment with cloth, mop or mechanical spray device. Wet surface thoroughly. Preliminary removal of gross soil is required. Prepare fresh solution daily or when visibly 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  $\frac{1}{3}$  oz. MIKRO-QUAT per gal. (235 ppm) of warm or hot water. Allow 1 minute contact time.

### COMBINATION DISINFECTION AND CLEANING

Use  $\frac{2}{3}$  oz. MIKRO-QUAT per gal. of water (470 ppm). Allow 10 minutes contact time. For porous or heavily soiled surfaces use 1 oz. per gal. of water (700 ppm).

KILLS PATHOGENIC FUNGI (*T. interdigitale*) on inanimate hard surfaces at the recommended use concentration of  $\frac{2}{3}$  oz. per gal. water (470 ppm).

KILLS MILDEW FUNGI on inanimate hard surfaces at the recommended use concentration of  $\frac{2}{3}$  oz. per gal. water (470 ppm).

DO NOT MIX WITH ANYTHING BUT WATER

### DILUTION TABLE

ppm active quaternary	235	470	700
oz. per gal. water	$\frac{1}{3}$	$\frac{2}{3}$	1
dilution equivalent	1:400	1:200	1:128

### STORAGE AND DISPOSAL

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

**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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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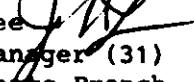
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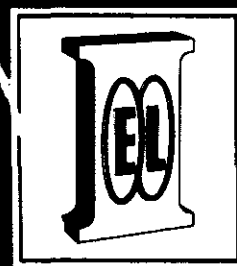
*T. intermedia* 1:200  
*Pr. vulgatus* 1:200

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 Vaccinia                      Influenza A  
 Herpes Simplex, Type 1      Adenovirus Type 3  
 Newcastle Disease

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 ST. PAUL, MINNESOTA 55107

EPA EST 1677-NJ-1      EPA REG NO 1677-21A

**NET CONTENTS: 5 GAL. (18.9 L)**