

**ECOLAB®**

# Mikro-Quat

**Detergent • Germicide • Disinfectant**

**ACTIVE INGREDIENTS:**

**INERT INGREDIENTS:**

**KEEP OUT OF  
REACH OF CHILDREN  
DANGER**

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

Mikro-Quat has been found effective against *Human Immunodeficiency Virus* Type 1 (Commonly known as the AIDS virus) on inanimate surfaces when tested according to EPA virucidal testing requirements.

**DIRECTIONS FOR USE**

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, countertops, hard surface furnishings and equipment with cloth, mop or mechanical floor 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 1/2 oz. MIKRO-QUAT per gal. (235 parts of warm or hot water). Allow 1 minute contact time.

Consult your Ecolab Specialist for specific use directions.

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

Authorized by USDA for use in Federally Inspected Meat and Poultry Plants.

**ECOLAB** Institutional Division  
Ecolab Inc., Ecolab Center  
St. Paul, MN 55102

**GENERAL DIRECTION AND CLEANING**

Use 1/2 oz. MIKRO-QUAT per gal. of water (475 parts). Allow 10 minutes contact time for porous or heavily soiled surfaces. Use 1 oz. per gal. of water (700 parts). Remove solution and wring-out soil with clean wet mop, cloth or wet vacuum.

MIKRO-QUAT has been found effective against the following bacteria at 1/2 oz. per gallon in the presence of protein 15%.

|                              |  |                               |
|------------------------------|--|-------------------------------|
| <i>Staphylococcus aureus</i> | <i>Subtilis clostridius</i>                                | <i>Pseudomonas aeruginosa</i> |
| <i>Bacteroides fragilis</i>  | <i>Escherichia coli</i>                                    | <i>Proteus vulgaris</i>       |
| <i>Trichomonas vaginalis</i> | <i>Staphylococcus aureus</i> ML121 (methicillin resistant) |                               |

**GERMICIDAL:** Disinfects the following viruses on inanimate environmental surfaces at the 1/200 use dilution (2.3 oz. per gal.)

|                    |                   |                        |
|--------------------|-------------------|------------------------|
| HIV 1 (AIDS virus) | Measles           | Herpes simplex, type 1 |
| Influenza A        | Newcastle Disease | Adenovirus type 3      |

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

MIKRO-QUAT is effective as a virucide against HIV 1 (AIDS virus) at 1/2 ounce per gallon of water on hard non-porous surfaces in the presence of moderate amounts of organic soil (10% blood serum) when used in health care settings where the potential for the presence of HIV 1 (AIDS virus) on exposed surfaces is high.

**PERSONAL PROTECTION:** When handling items soiled with blood or body fluids, wear personal protection such as disposable latex gloves, gowns, masks, or 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 should be evacuated and disposed of according to local regulations for infectious waste disposal.

**KILLS PATHOGENIC FUNGI:** 7 spores/gal on inanimate hard surfaces at the recommended use concentration of 1/2 oz. per gallon water (475 parts)

**KILLS BILLOW FUNGI:** on inanimate hard surfaces at the recommended use concentration of 1/2 oz. per gallon water (475 parts)

**DO NOT MIX WITH ANYTHING BUT WATER**

**DILUTION TABLE**

|                        |      |      |      |
|------------------------|------|------|------|
| 30% active concentrate | 235  | 475  | 700  |
| oz. per gal. water     | 1/2  | 1/2  | 1    |
| clean equivalent       | 1.00 | 1.20 | 1.32 |

R1131

106-794

1 of 2

NOV 06 1990

I-Chem Laboratories, Inc.  
2939 North Columbia Avenue  
Indianapolis, IN 46206

Attention: Thomas Kennedy

Gentlemen:

**BEST AVAILABLE COPY**

Subject: Broadspec 256  
EPA Registration No. 44486-15  
Your Submission Dated June 1, 1990  
EPA Received Dated June 6, 1990

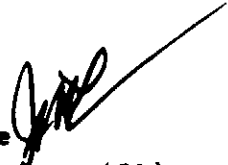
The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable.

The submitted data supports the effectiveness of the product as a virucide against the Poliovirus Type 1 Mahoney Strain, when tested in the presence of moderate amounts of organic soil and 400 parts per million of hard water for a contact time of 10 minutes on hard, nonporous, inanimate surfaces.

However, the organism "Aspergillus niger" does not appear on your last accepted stamped label dated November 13, 1989.

If you have any questions concerning this letter, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,

  
John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

61721:I:Leavy:L31-11:KENCQ:10/24/90:11/24/90:CL:VO:EK:DD:de

CONCURRENCES

| SYMBOL  |  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|
| SURNAME |  |  |  |  |  |  |  |  |
| DATE    |  |  |  |  |  |  |  |  |