

PM 32

1677 22

174

FEB 13 1988

Ecolab, Inc.  
Ecolab Center  
St. Paul, MN 55102

Attention: Ann Oxford  
Specialist, Regulatory Services

Gentlemen:

Subject: Mikroklene  
EPA Registration No. 1677-22  
Your Resubmission Dated December 21, 1988

This is in response to your resubmission dated December 21, 1988 regarding the Tuberculocidal (TB) Data Call-In Notice and Sanitizer Label Improvement Program.

The labeling referred to the above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the following revisions before you release the product for shipment bearing the amended labeling.
  - a. On the right panel under TB Disinfection, delete the porous surface claim. Revise ". . . in the presence of 5% blood serum with up to 400 ppm hard water on porous and nonporous surfaces at 20 deg. C" to read ". . . in the presence of 5% blood serum with up to 400 ppm hard water on nonporous surfaces at 20 °C." (Note item 3 in our letter dated September 22, 1988.)
  - b. Include the referral statement "See Statement of Practical Treatment and additional precautionary statements on back/side panel" immediately below DANGER on the front panel.
2. Submit the final printed labeling for conclusion in the product file.

57160:I:Douglas:LK-14;KEMCO:02/08/89;02/21/89;aw;JH:aw

CONCURRENCES


Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

If you have any questions in this regard, please contact Ms. Ruth Douglas at (703) 557-3842.

Sincerely yours,



Jeff Kempter  
Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (TS-767C)

Enclosure

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

FEB 13 1989

the Federal Insecticide,  
Fungicide, and Rodenticide  
Act

1677-2

CENTER | PANEL 3

**ECOLAB**™

Net Contents  
1 Gal. (3.78 liters)

**Mikroklene**

Food Contact Surface Sanitizer

KEEP OUT OF REACH OF CHILDREN  
DANGER

14639

MAIN PANEL 27 PICAS

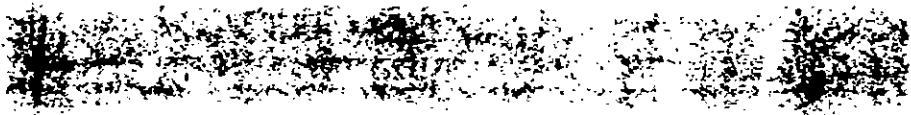
BACK UP PLATE

USE 18 AND 24 PT. LOGOS

COLOR:

NO  
RT  
RS.

COPY



CENTER | PANEL 1

MAR HEIGHT 3 1/2" 20 PWS, DAST P BASC

**PELIGRO: SI NO PUEDE LEER EN PAIS: PRODUCTO A LA SUPERIOR SERA ESPECIAL PARA COCINA - US**  
EXPERIMENTAL NOTES RE: TRADUCCION DEL TEXTO ORIGINAL

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER:** Causes eye damage. Irritates if in contact. Do not get in eyes, on face or on clothing. Protect skin when handling. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse.  
**STATEMENT OF PRACTICAL TREATMENT**  
**EYES:** In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes. Get medical attention.  
**EXTERNAL:** Wash off promptly. Remove contaminated clothing and wash before reuse.  
**INTERNAL:** If swallowed, drink plenty of large amounts of milk, egg whites, plain water or if these are not available, drink a large quantity of water.  
**CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY**  
**FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL FREE 1 800 328 0825**

**STORAGE AND DISPOSAL**  
Store only in original or properly marked container. Keep container closed between uses.  
If spilled, flush to drain with a large quantity of water.  
Open dumping or container reuse is prohibited.  
Do not concentrate waste, feed or feed to storage or depth.  
**PRODUCT DISPOSAL:** Product or waste that cannot be used should be disposed with other waste products in a sanitary manner.  
**CONTAINER DISPOSAL:** Do not reuse empty containers. Recycle containers and put in trash.  
**GENERAL:** Consult federal, state or local regulations for alternative procedures.

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

**BEST AVAILABLE COPY**

23 1/2 8145

1 gallon polyethylene specification with back up (cylinder) plate  
SIZE: 18 1/2" x 3 3/8" (back up cylinder) 18 7/8" x 3 1/2" copy/art print  
QUALITY PLATE SPECIFICATION, For plants: Joliet, Midway, M  
Dean Ackerman/Quality Platemaking & Web/Ecolab April 1988 (Revised)

Attention: Ann Oxford  
Specialist, Regulatory Services

Gentlemen:

Subject: Mikroklene  
EPA Registration No. 1677-22  
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  - b. Include the referral statement "See Statement of Practical Treatment and additional precautionary statements on back/side panel" immediately below DANGER on the front panel.
2. Submit the final printed labeling for inclusion in the product file.

57160:I:Douglas:LK-14:KENCO:02/08/89:02/21/89:aw:JH:aw

CONCURRENCES

SYMBOL								
SURNAME								10/4
DATE								

-2-

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A stamped copy of the label is enclosed for your records.

If you have any questions in this regard, please contact Ms. Ruth Douglas at (703) 557-3842.

Sincerely yours,



Jeff Kempter  
Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (TS-767C)

Enclosure

20/4

CENTER | PAGE 1

MAX HEIGHT 34" 20 HIGHS, DATE N 6851

**PERICL** ...

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Causes eye damage. Harmful if swallowed. Do not get in eyes. Do not get on clothing. Remove clothing immediately. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse.

**STATEMENT OF PRRACTICAL TREATMENT**

**EYES:** In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes. Get medical attention.

**EXTERNAL:** Wash off promptly. Remove contaminated clothing and wash before reuse.

**INTERNAL:** If swallowed, flush stomach with plenty of water. Do not induce vomiting unless advised by a physician.

**CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY FOR EMERGENCY MEDICAL INFORMATION. CALL TOLL FREE 1 800 368 5888**

**STORAGE AND DISPOSAL**

Store only in original or properly labeled container. Keep container closed. Do not use if damaged. Do not use if contents are empty.

Do not empty into sewer, water, or land. Do not use for disposal. Do not use for disposal.

**CONTAINER DISPOSAL:** Product is hazardous. Do not use for disposal. Do not use for disposal.

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

238 9743

1 gallon polyethylene specification with back up (cyl)  
SIZE: 18 1/2" x 3 1/8" (back up cylinder) 18 7/8" x 3 1/2" cop  
QUALITY PLATE SPECIFICATION, For plants: Joliet, M  
Dean Acherman Quality Improvement & Mgmt Ecolab April 1988 (Revised)

Handwritten mark: HOC

ACCEPTED  
with COMMENTS  
of EPA Logo - Dec 8

FEB 13 1989

1677-30

CENTER | PANEL 2

CENTER | PANEL 3

**DIRECTIONS FOR FOOD SERVICE AREAS - FOOD CONTACT SURFACE SANITIZER**  
1. To be used on plastic, metal, wood, porcelain, enamel, and other non-precious metal surfaces.  
2. Wash with soap and water.  
3. Rinse with clean water.  
4. Immerse in a solution of 1/2 oz. of MIKROKLENE per 7 1/2 gallons of water (25 ppm) for 1 minute.  
5. Drain and air dry.  
6. When used as directed, MIKROKLENE complies with FDA Food Additive Reg. 21 CFR 173.101 (c) for use on sanitizing solutions which are not to be used on food contact surfaces.

**SANITIZING CUTLERY AND DRINKING UTENSILS**

1. Remove gross food particles by a pre-rinse, pre-rinse and, when necessary, a pre-soak treatment.
2. Wash in a solution of 1/2 oz. of MIKROKLENE per 7 1/2 gallons of water (25 ppm) for 1 minute.
3. Rinse with clean water.
4. Immerse in a solution of 1/2 oz. of MIKROKLENE per 7 1/2 gallons of water (25 ppm) for 1 minute.
5. Drain and air dry.

**DILUTION TABLE**

ppm (ppm) (oz/gal)	1	2	5	10	25	50
1/2 oz. MIKROKLENE per 7 1/2 gal. water	1	2	5	10	25	50

NOTE: 1 or 2 tablespoons of 1 teaspoon.

Consult local health department for additional information.

MIKROKLENE is approved by the National Sanitation Foundation for use in spray and brush type glasswashing machines. Keep container full. Avoid contact as directed by machine manufacturer and local health authorities.

**ECOLAB**

Net Contents  
1 Gal. (3.78 liters)

**Mikroklene**

Food Contact Surface Sanitizer

**ACTIVE INGREDIENTS**

Quaternary Ammonium Compounds 1.74%  
Bleach 1.50%  
Sodium Hypochlorite 1.76%

Keep out of reach of children.

DANGER

14639

234 PICAS

MAIN PANEL 27 PICAS

18 1/2"

BACK UP PLATE

up (cylinder) plate

copy/art print area

blot Midway Munson San Jose Ventura

11/8/88

RECOMMENDED MINIMUM TYPE  
IS 8 PT REGULAR FOR POS TYPE  
AND 6 PT BOLD FOR REVERSE PRINTING

TYPE SMALLER THAN 8 PT MAY RESULT  
IN BROKEN OR FILLED IN CHARACTERS

USE 18 AND 24 PT LOGOS

COLOR: PM