

1677-58

07/19/2002

1/5



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

JUL 19 2002

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Brian C. Brosdahl
Ecolab Inc.
370 N. Wabasha Street
St. Paul, MN 55102

Subject: Revised label
Mikroklene DF
EPA Registration No. 1677-58
Your Application Dated May 6, 2002

Dear Mr. Brosdahl:

The following amendments, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable with comment:

Proposed amendments

- label amendments per PR Notice 2001-1
- addition of the total line to the ingredient statement
- addition of hand sanitizing use and application
- Revision of Storage and Disposal section

Label Comments

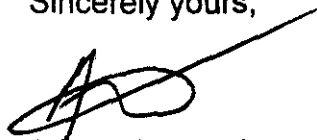
- The Storage and Disposal statement must be revised. Remove the sentence "Do not contaminate water, food, or feed by storage or disposal" from the Pesticide Disposal subheading and place directly below the Storage and Disposal heading. Refer to PR Notice 83-3.

General Comments

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If you have any questions concerning this letter, please contact me at (703) 308-6422 or Renae Whitaker at (703) 308-7003.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'A. Heyward', with a long horizontal stroke extending to the right.

Adam Heyward
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510C)

Enclosure

MIKROKLENE DF

3/5

Iodine Based Detergent Sanitizer

Active Ingredients:

Iodine*	2.07%
Phosphoric	6.55%
Inert Ingredients	91.45%
Total:	100.00%

*From Butoxypolypropoxypolyethoxyethanol-iodine complex

ACCEPTED
with **COMMENTS**
EPA Letter Dated:

JUL 19 2002

KEEP OUT OF REACH OF CHILDREN
DANGER

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 7677-58

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE: Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through the skin or inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wear goggles or face shield. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the U.S. Environmental Protection Agency.

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 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-328-0026

OUTSIDE NORTH AMERICA, CALL 1-651-222-5352

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Contains not more than 2.4% Phosphorus, 0.41 gms.
per gal. of average recommended use concentration.

DIRECTIONS FOR USE

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

DIRECTIONS FOR SANITIZING DAIRY AND FOOD EQUIPMENT

FOR EQUIPMENT, TANKS, VATS, PAILS, PIPELINES, AND CLOSED SYSTEMS: Remove gross food particles and soil by a preflush, or prescrape, and when necessary presoak treatment. After the equipment has been cleaned and rinsed, just prior to use, sanitize with *Mikroklene DF* at a concentration of 12.5 ppm titratable iodine for at least a two minute exposure time. Use immersion, spray or circulation technique, as appropriate. Drain thoroughly. *Mikroklene DF* may be used as a final sanitizing rinse for returnable and non-returnable bottles at 6 ppm titratable iodine.

DIRECTIONS FOR SANITIZING POULTRY AND MEAT PROCESSING EQUIPMENT

FOR EQUIPMENT: After washing and rinsing equipment and just before use, sanitize with a *Mikroklene DF* concentration of 25 ppm titratable iodine for at least a two minute exposure period. Use immersion, spray or circulation technique, as appropriate. Drain thoroughly.

FOR CONTINUOUS TREATMENT OF MEAT AND POULTRY CONVEYORS: Wash, rinse, and sanitize conveyance equipment. During process, apply *Mikroklene DF* at a 25 ppm titratable iodine level to conveyors with *Mikro Master* feeding equipment. Controlled volumes of sanitizer are applied to return portion of conveyer through nozzles located to allow maximum drainage of sanitizer from equipment and to prevent puddles on top of belt.

NOTE: FOR MECHANICAL OPERATIONS: Prepared use solutions may not be reused for sanitizing, but may be reused for other purposes, such as cleaning.

FOR MANUAL OPERATIONS: Fresh sanitizing solutions should be prepared at least daily or more often if the solution becomes diluted or soiled.

DIRECTIONS FOR VIRUS DISINFECTION:

Mikroklene DF disinfects the following viruses on inanimate, hard, non-porous surfaces (formica, stainless steel). Clean and rinse the surface. Wet surfaces thoroughly with *Mikroklene DF* solution containing 75 ppm titratable iodine. Use immersion, spray or circulation technique, as appropriate. Allow surface to remain wet for 10 minutes, then wipe dry or drain. For food contact surfaces, a potable water or sanitizing solution rinse is required. Prepare a fresh solution daily or when it becomes soiled or diluted.

<i>Herpes simplex, type 1</i>	<i>Influenza A2</i>	<i>Poliovirus</i>
<i>Newcastle Disease</i>	<i>Vaccinia</i>	<i>Adenovirus, type 3</i>

DILUTION TABLE

ppm titratable iodine	6	12.5	25	75
Oz. <i>Mikroklene DF</i> per 5 gallons of water	¼	½	1	3

Use at recommended dilutions and at a temperature not exceeding 115°F. Keep from freezing.

HAND SANITIZING: After hands have been washed and rinsed, apply a *Mikroklene DF* solution containing not more than 25 ppm titratable iodine. The hands need not be rinsed after use of *Mikroklene DF*.

STORAGE & DISPOSAL

PESTICIDE STORAGE: Store this product in a cool, dry area, away from direct sunlight and heat.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or 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:

(1 gallon or less): Do not reuse container. Wrap container and put in trash.
 (greater than 1 gallon): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Net Contents:

1 U.S. gal. (3.78 L)

55 U.S. gal. (208.2 L)

EPA Reg. No. 1677-58

**EPA Est.: 1677-IL-2 (J), 1677-NJ-1 (W), 1677-TX-1 (D), 1677-CA-1 (S), 1677-MN-1 (P), 1677-PR-1 (B),
11321-CA-1 (C), 1677-OH-1 (H), 1677-CA-2 (R), 1677-NC-1 (N), 1677-MO-1 (K), 8176-KY-1 (V), 8176-
OH-1 (V), 1677-WV-1 (V)**

Superscript refers to first letter of date code

Ecolab Food & Beverage Division

Ecolab Inc. 370 Wabasha Street N.

St. Paul, Minnesota 55102-1390 U.S.A.