



Division of Ecolab Inc

Mikroklene DF

IODINE BASED DETERGENT SANITIZER

EPA Reg No. 1677-58

EPA Est 1677-IL-2 (J)
1677-NJ-1 (W)
1677-TX-1 (D)
1677-GA-1 (M)

1677-MN-1 (E)
1677-CA-1 (S)
1677-PR-1 (B)

Superscript refers to first letter of date code

ACTIVE INGREDIENTS

Iodine* 1.75%
Phosphoric acid 6.50%

INERT INGREDIENTS

91.75%

* From Butoxypropoxypropoxyethoxyethanol-iodine complex

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautions

ACCEPTED

JUN 15 1988

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, the pesticide registered in Manufacture by No. 1677-58 KLENZADE, Division of Ecolab Inc.

Ecolab Center

St Paul MN 55102 1988

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

DIRECTIONS FOR SANITIZING DAIRY AND FOOD EQUIPMENT

FOR EQUIPMENT, TANKS, TAPS, PAILS, PIPELINES AND CLOSED SYSTEMS - 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 techniques as appropriate to the equipment. Drain thoroughly.

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 techniques as appropriate to the equipment. Drain thoroughly.

FOR CONTINUOUS TREATMENT OF MEAT AND POULTRY CONVEYORS - wash, rinse and sanitize conveyor equipment. During processing, 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 conveyor through nozzles so located as to permit maximum drainage of sanitizer from equipment. During interruptions in operation, spray equipment, rollers, collars, sliders and saws with MIKRO MASTER dispensing MIKROKLENE DF solution of 25 ppm titratable iodine. Conveyor equipment should be free of product when applying this spray.

NOTE: FOR MECHANICAL OPERATIONS prepared use solutions may not be re-used for sanitizing, but may be re-used for other purposes such as cleaning.

DIRECTIONS FOR VIRUS DISINFECTION

When used as specified below disinfects the following viruses on inanimate environmental surfaces:

Herpes simplex
Vaccinia
Poliovirus
Newcastle disease
Influenza A
Adenovirus type 3

BEST AVAILABLE COPY

POROUS SURFACES (CONCRETE) Use 150 ppm titratable iodine

NON-POROUS SURFACES (FORMICA, STAINLESS STEEL) Use 75 ppm titratable iodine

Clean and rinse the surface. Wet thoroughly with the indicated solution of MIKROKLENE DF. For food contact surfaces a potable water rinse is required when using these concentrations.

DILUTION TABLE

ppm titratable iodine	12.5	25	75	150
Oz MIKROKLENE DF per 5 gallons water		1	3	6

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

STORAGE AND DISPOSAL

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

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE CAUSES SEVERE EYE DAMAGE AND SKIN IRRITATION. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING. HARMFUL OR FATAL IF SWALLOWED. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. AVOID CONTAMINATION OF FOOD.

ENVIRONMENTAL HAZARDS:

This product 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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.

IF IN EYES: Flush with plenty of water for 15 minutes. Get medical attention.

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

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

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

CONTAINS NO MORE THAN 2.4% PHOSPHORUS, 0.41 GMS PER GAL OF AVERAGE RECOMMENDED USE CONCENTRATION