

**ECOLAB®**

# Mikroklene®

## Food Contact Surface Sanitizer

**14639**

Net Contents: 1 U.S. gal/3.78 L

**ACTIVE INGREDIENTS:**

Iodine*	2.00%
Phosphoric Acid	6.55%
<b>INERT INGREDIENTS**</b>	<b>91.45%</b>
<b>TOTAL</b>	<b>100.00%</b>

\*From Butoxypolypropoxypolyethoxyethanol-iodine complex

\*\*Active as cleaning and buffering agents

**KEEP OUT OF REACH OF CHILDREN****DANGER** See side panels for Precautionary Statements and First Aid.

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FOOD CONTACT SURFACE SANITIZER • IODOPHOR • DETERGENT • DEODORIZER  
• FOOD SERVICE SANITATION PROGRAMS

#### DIRECTIONS FOR USE

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

**Disinfection:** Remove heavy soil or gross filth prior to disinfection step. To disinfect hard, non-porous surfaces use 2/3 oz. per gallon of tepid (75°-100°F) water (75 ppm titratable iodine). Apply with cloth, mop or *Mikro-Spray*. Allow surfaces to remain wet for 10 minutes then wipe dry. When amber color of solution fades noticeably, mix a fresh solution.**Dilution Table**

ppm titratable iodine	12 1/2	25	75
oz. Mikroklene per 2 1/2 gals. water	1/4	1/2	1 1/2

NOTE: 1 oz. = 2 tablespoonfuls or 6 teaspoonfuls

EPA Reg. No. 1677-22

EPA Est. 1677-IL-2 (J), 1677-TX-1 (D), 1677-GA-1 (M), 1677-MN-1 (P), 1677-CA-1 (S), 1677-CA-2 (R), 1677-WV-1 (V), 303-IN-1 (L).

The superscript refers to the first letter of the date code.

**K**Department of Agriculture  
STATE OF HAWAII**LICENSED****ECOLAB®**Ecolab Inc.  
370 Wabasha Street N.  
St. Paul, MN 55102-1390 U.S.A.PERIOD **2015-2017** LIC. NO.**9203.3**Department of Agriculture  
STATE OF HAWAII**LICENSED**© 2011 Ecolab Inc. Made in U.S.A. 710228/5433/0611  
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### PRECAUTIONARY STATEMENTS-HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: CORROSIVE.** Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through 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.

### 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 IN USA OR CANADA, CALL 1-800-328-0026.**

**FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL 1-651-222-5352 (IN U.S.A.).**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

**PHYSICAL AND CHEMICAL HAZARDS:** Avoid contact with strong alkalis and other oxidizers. Mix only with water. Use clean, dry utensils and other equipment. Contamination with organic matter and chlorinated products may cause the violent evolution of toxic gases.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal

**Pesticide Storage:** Store only in original or properly marked container. Keep container closed between uses. If spilled, flush to drain with a large quantity of water.

**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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

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### Directions For Sanitizing Food Contact Surfaces

Use to sanitize previously cleaned, hard, nonporous food contact surfaces. Use 1/2 oz. *Mikroklene* per 2 1/2 gals. of 75-100 deg. water for sanitizing (provides 25 ppm titratable iodine). No rinsing necessary. Renew solution daily or before amber color disappears. Do not use on silver or silverplate. May cause blackening.

### Sanitizing Eating, Drinking and Food Prep Utensils

1. Remove gross food particles by prescrape, preflush and, when necessary, a presoak treatment.
2. Wash in a solution of 1/2 oz. *Mikroklene* to 2 1/2 gallons of water (25 titratable iodine) or other recommended detergent.
3. Rinse with clean water.
4. Sanitize in a solution of 1/4 oz. *Mikroklene* to 2 1/2 gallons of water (12 1/2 ppm titratable iodine). Immerse all utensils for at least 1 minute or contact time specified by governing sanitary code. Renew solution before amber color disappears.
5. Drain and air dry.

**NOTE:** For mechanical operations, the prepared use solution may not be re-used for sanitizing but may be re-used for other purposes such as cleaning. For manual operations a fresh sanitizing solution is to be prepared at least daily or more often if solution becomes diluted or soiled.

As a sanitizer for previously cleaned hard non-porous surfaces at 25 ppm titratable iodine, this product is effective against *Vibrio cholerae*.

When used at a concentration providing a minimum 12.5 ppm titratable iodine, *Mikroklene* has been tested and shown to be an effective sanitizer up to pH 7.5 in use solution.

*Mikroklene* is approved by the National Sanitation foundation for use in spray and brush type glasswashing machines. Keep reservoir full. Adjust control as directed by machine manufacturer and local health authorities.

**ECOLAB**<sup>®</sup>

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