

Item# 738565



Ecolab Inc.

Ecolab Center
St. Paul, Minnesota 55102

14639

MATERIAL SAFETY DATA SHEET

Page 1 of 2

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326
Ecolab Ctr. St. Paul MN 55102 Date of Issue: January 30, 1994

1.0 IDENTIFICATION /

- 1.1 Product Name: MIKROKLENE
- 1.2 Product Type: Iodophor Detergent Disinfectant

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

2.0 HAZARDOUS COMPONENTS /

| | | % | PEL | Other |
|---|--|--------------------------|-----|-------|
| | | av.I | * | * |
| 2.1 Complexed iodine (Iodine CAS is 7553-56-2) | | 1.75 | | |
| | | * (PEL for iodine = 1 C) | | |
| 2.2 # Phosphoric acid 7664-38-2 | | 6.5 | 1 | 1* |
| | | *ACGIH STEL = 3 | | |
| 2.3 # Butoxyethanol 111-76-2 | | 2 | 240 | 121 |
| 2.4 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200. | | | | |

UNK = Unknown at this time PEL = OSHA 8 Hour Average
 STEL = 15 Minute Average C = Ceiling Limit; Do Not Exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Dark reddish brown liquid; faint iodine odor.
- 3.2 Solubility in Water: Complete
- 3.3 pH: 100% = 1.5-2.0; 0.5% = 2.4-2.8
- 3.4 Initial Boiling Point: > 212 deg F
- 3.5 Specific Gravity: 1.07-1.09

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
- 4.2 Fire Fighting Methods: Product does not support combustion.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.
- 5.2 Conditions to Avoid: Do not mix with anything but water.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer.
- 6.2 Waste Disposal: Consult state and local authorities for restrictions on disposal of chemical waste. Rinse empty container thoroughly with water before discarding. Unused product as a waste is Corrosive (D002) by RCRA criteria.



Ecolab Center
St. Paul, Minnesota 55102

Product: MIKROKLENE
INSTITUTIONAL DIV., Ecolab Inc.
MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

7.0 HEALTH HAZARD DATA /

DANGER

- 7.1 Effects of Overexposure to Concentrate:
EYES: Causes damage.
SKIN: May cause irritation.
IF SWALLOWED: Harmful, causes irritation, stomach distress, nausea.
If Inhaled: Vapors or mist cause irritation, including a burning taste, sneezing, coughing and difficulty breathing. People with asthma or other lung problems may be more susceptible.

8.0 FIRST AID /

- 8.1 Eyes: Flush immediately with plenty of cool running water. Remove contact lenses. Holding eyelids apart, continue flushing for 15 minutes.
8.2 Skin: Flush skin with plenty of cool running water. Wash thoroughly with soap and water.
8.3 If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.
8.4 If Inhaled: If affected, move to fresh air.

IMMEDIATELY CALL A POISON CONTROL CENTER, A PHYSICIAN OR
THE ECOLAB 24-HOUR MEDICAL EMERGENCY NUMBER (1-800-328-0026)

9.0 PROTECTIVE MEASURES /

- Eyes: Use chemical splash goggles. For continued or severe exposure, wear a face shield over the goggles.
Skin: Rubber gloves - protective cuff or gauntlet type preferred.
9.1 USE SOLUTIONS prepared according to label instructions are not considered hazardous according to criteria of 29 CFR 1910.1200.
9.2 Do not use in water above 120 deg F. Iodine vapors can be generated.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

- 10.1 Avoid contamination of food or food products. Do not store with food products.

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.