

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

Ecolab Inc.
St. Paul MN 55102Product Information: 1-612-293-2233
Date of Issue: December 17, 19871.0 IDENTIFICATION /

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

2.0 HAZARDOUS COMPONENTS /

	%	TLV (mg/m ³)	
		PEL *	Other *
2.1 Complexed iodine (Iodine CAS is 7553-56-2) * (PEL for iodine = 1 C)	1.75 av.I		
2.2 Phosphoric acid 7664-38-2	6.5	1 STEL = 3	1
2.3 Butoxyethanol (butyl cellosolve(TM)) 111-76-2	2	240	120

This product contains no other component considered hazardous according to the criteria of 29 CFR 1910.1200.

3.0 PHYSICAL DATA /

- 3.1 Appearance and Odor: 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 Boiling Point: > 212 deg F 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 to RCRA criteria.

UNK = Unknown at this time PEL = Permissible Exposure Limit
 TLV = Threshold Limit Value STEL = Short Term Exposure Level
 C = Ceiling Limit, Not To Be Exceeded

PFM

7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure:

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 /

EYES: Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye.

SKIN: Flush skin with plenty of cool running water. Wash thoroughly with soap and water.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.

If Inhaled: Move immediately to fresh air.

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY

9.0 SPECIAL PROTECTION INFORMATION /

9.1 Eyes: Splashproof glasses, goggles or face shield.

9.2 Skin: Rubber gloves - protective cuff or gauntlet type recommended.

9.3 Do not use in water above 120 deg F. Iodine vapors can be generated.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 DOT Class: ORM-B NA 1760.

10.2 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.