

## **MIKROKLENE**

### **MSDS Number**

BGKVT

### **National Stock Number**

6840-01-080-6841

### **Product Name**

MIKROKLENE

### **Manufacturer**

ECONOMICS LABORATORY INC

### **Product Identification**

Product ID:MIKROKLENE

MSDS Date:11/25/1985

FSC:6840

NIIN:01-080-6841

MSDS Number: BGKVT

### **Responsible Party**

ECONOMICS LABORATORY, INC.

OSBORN BLDG 370 WABASHA ST

ST. PAUL , MN 55102-1311

Emergency Phone: 800 328 0026

Info Phone: 612 293 2233

Cage: 5G570

### **Contractor**

ECONOMICS LABORATORY INC

ST PAUL, MN 55102

US

(612) 293-2233

Cage: 5G570

### **Ingredients**

COMPLEXED IODINE

Fraction By Weight: 1.75%

OSHA PELN/K

ACGIH TLV: N/K

PHOSPHORIC ACID (SARA III)

CAS: 7664-38-2

RTECS: TB6300000

Fraction By Weight: 6.5%

OSHA PEL1 MG/M3/3 STEL

ACGIH TLV: 1 MG/M3/3 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

2-BUTOXYETHANOL

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 2%

OSHA PELS, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

## Hazards

LD50 LC50 Mixture:N/K

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:BUTOXYETHANOL PENETRATES THE SKIN EASILY. FREQUENT OR HEAVY CONTACT MAY DAMAGE KIDNEYS, LIVER, BLOOD AND/OR MARROW. CAUSES CORNEAL (EYE) DAMAGE.(MFR) NIOSH STUDIES INDICATE 2-BUTOXYETHANOL HAS CAUSED REPRODUCTIVE DISORDERS IN LAB ANIMALS (RATS OR MICE) & MAY HAVE THE POTENTIAL FOR CAUSING SIMILAR DISORDERS IN HMN

Explanation of Carcinogenicity:N/A

Effects of Overexposure:EYES & SKIN:CAUSES EYE DAMAGE. PROTECT EYES WHEN HANDLING. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

INGEST:HARMFUL IF SWALLOWED. CAUSES CHEMICAL BURNS OF MOUTH, THROAT, & STOMACH.

Medical Cond Aggravated by Exposure:N/K

## First Aid

First Aid:EYES:IMMED FL W/PLENTY OF COOL RUNNING H\*2O. RMV CONTACT LENSES. CONTINUE FL FOR AT LEAST 15 MIN, HOLDING EYELIDS APART TO ENSURE RINSING OF ENTIRE EYE. CALL MD IMMED. SKIN:IMMED FL SKIN W/PLENTY OF C OOL RUNNING H\*2O FOR AT LEAST 15 MIN WHILE RMV CONTAM CLTHG & SHOES. WASH CLTHG BFR REUSE. INGEST:RINSE MOUTH AT ONCE; THEN DRINK 1 OR 2 LGE GLASSES OF H\*2O OR MILK. DO NOT INDUCE VOMIT. (SUPP DATA)

## Fire Fighting

Flash Point:N/K

Lower Limits:N/K

Upper Limits:N/K

Extinguishing Media:N/K

Fire Fighting Procedures:PRODUCT DOES NOT SUPPORT COMBUSTION.

Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:USE PROPER PROTECTIVE EQUIPMENT. CLEANUP:DIKE OR DAM LARGE SPILLS. PUMP TO CONTAINERS OR SOAK UP ON INERT ABSORBENT. FLUSH RESIDUE TO SEWER WITH PLENTY OF WATER.

Neutralizing Agent:N/K

## Handling

Handling and Storage Precautions:DO NOT STORE ABOVE 115 F (46 C).

Other Precautions:KEEP OUT OF REACH OF CHILDREN.

## Exposure Controls

Respiratory Protection:AVOID MISTING CONDITIONS OR DUSTS. NIOSH/MSHA APVD RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:VENTILATE WELL ENOUGH TO AVOID MISTING CONDITIONS OR DUSTS

Protective Gloves:RBR GLOVES, PROT CUFF OR GAUNTLET TYPE.

Eye Protection:CHEM WORK GOGGLES, FACESHLD OPTL .

Other Protective Equipment:N/K

Work Hygienic Practices:N/K

Supplemental Safety and Health

PCT VOLT-VOL & FL PT METHOD & HAZ POLYMERIZATION OCCUR & ROUTES OF ENTRY: FP N. FIRST AID:NEVER GIVE ANYTHING BY MOUTH TO AN UNCON PER. CALL A PHYSICIAN IMMEDIATELY. INHAL:IMMEDIATELY MOVE TO FRESH AI R. CARCINOGENITY:FP N.

---

## Chemical Properties

HCC:C3  
Boiling Pt:B.P. Text:212F (100C)  
Melt/Freeze Pt:M.P/F.P Text:N/K  
Decomp Temp:Decomp Text:N/K  
Vapor Pres:N/K  
Vapor Density:N/K  
Spec Gravity:1.080  
pH:1.70  
Evaporation Rate & Reference:N/K  
Solubility in Water:COMPLETE  
Appearance and Odor:DARK AMBER LIQUID, IODINE ODOR  
Corrosion Rate:

## Stability

Stability Indicator/Materials to Avoid:YES  
ALKALINE MATERIAL, CHLORINATED DETERGENTS OR SANITIZERS  
Stability Condition to Avoid:MIX ONLY W/H\*2O. CAN REACT VIOLENTLY W/ALK  
MATL. DO NOT MIX W/CHLORINATED DETERGENTS OR SANITIZERS- WILL CAUSE  
HAZ VPRS.  
Hazardous Decomposition Products:N/K

## Disposal

Waste Disposal Methods:DSPL MUST BE IN A/W FED, STATE & LCL REGULATIONS  
. CONSULT STATE & LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF  
CHEMICAL WASTE.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.