

# MATERIAL SAFETY DATA SHEET

## SECTION I - COMPANY AND PRODUCT INFORMATION

EPA REG. NO..... 7616-73  
Product SKU Number:..... 311  
Manufacturer's Name:..... Chem Lab Products, Inc.  
Emergency Telephone No.:..... (909) 390-9912  
..... (800) 424-9300 (CHEMTREC)  
Street Address:..... 5160 E. Airport Drive  
City/State/Zip code:..... Ontario, CA 91761  
Chemical Name and Synonyms:... Poly[oxyethylene(dimethyliminio)ethylene] dichloride  
Trade Name and Synonyms:..... **Kem Tek Pool & Spa Care Algaecide 60% Concentrated**  
Chemical Family:..... Algaecide  
CAS #:..... 31512-74-0  
NFPA Rating:..... Health:1 Flammability:1 Reactivity:0 Special:  
DOT Proper Shipping Name:..... NON-HAZARDOUS  
DOT ID Number:..... N/A  
DOT Hazard Class:..... N/A  
Package Group:..... N/A

## SECTION II - HAZARDOUS INGREDIENTS

Poly[oxyethylene(dimethyliminio)ethylene] dichloride..... 60%

## SECTION III - PHYSICAL DATA

APPEARANCE: Brownish-Yellow liquid	BOILING POINT .....	>212°F
ODOR .....	FREEZING POINT.....	<3.2°F
SPECIFIC GRAVITY (H <sub>2</sub> O)=1):...1.150	SOLUBILITY IN WATER:.....	100%
pH .....	VISCOSITY:.....	Kinetic:125 cS
VAPOR PRESSURE (cm Hg.).....	MOLECULAR WEIGHT.....	74.45
PERCENT VOLATILE .....	EVAPORATION RATE (____=1).....	N/A
DECOMPOSITION TEMPERATURE ....		N/A

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT..... None  
FLAMMABLE LIMITS..... N/A  
EXTINGUISHING MEDIA..... Dry chemical, water foam, carbon dioxide.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

## SECTION V - HEALTH HAZARD DATA

### EFFECTS OF ACUTE EXPOSURE:

**EYE** - expected to be an irritant. **SKIN** - repeated or prolonged skin contact may cause irritation. Non-sensitizer for skin.

**INGESTION** - not expected to be a primary route of exposure.

**INHALATION** - not expected to be a primary route of exposure.

### EMERGENCY AND FIRST AID PROCEDURES:

**IF SWALLOWED:** Drink large quantities of milk or gelatin solution,

or if these are not available, drink large quantities of water. Do not induce vomiting. Get prompt medical attention. **IF IN EYES:** Flush with a steady, gentle stream of water for 15 minutes. Seek medical attention if irritation persists. **IF ON SKIN:** Wash with plenty of soap and water. Seek medical attention if irritation persists. **IF INHALED:** Remove victim to fresh air. If nausea, headache, dizziness or difficulty in breathing occurs, seek medical attention immediately.

## **SECTION VI - REACTIVITY DATA**

**STABILITY:**..... This Product is stable under normal conditions.  
**CONDITIONS TO AVOID:**..... None Known.  
**INCOMPATIBILITY:** (Materials to avoid)..... Anionic polymers.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide may be formed upon burning.  
**HAZARDOUS POLYMERIZATION:**..... Will Not Occur.

## **SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE OF MATERIAL RELEASED OR SPILLED:**  
Contain any spills with dikes or adsorbents to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills can be pumped or vacuumed up and finished off with dry chemical absorbent. May require excavation of contaminated soil.

### **WASTE DISPOSAL METHOD:**

This Product is not regulated as a hazardous waste or material. Therefore, it may be disposed of as an industrial waste in manner acceptable to good waste management practice and in compliance with applicable local, state and federal regulations.

## **SECTION VIII - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** (Specify type)

None under normal conditions.

### **VENTILATION:**

**LOCAL EXHAUST:**..... Desirable

**PROTECTIVE GLOVES:**..... Rubber gloves

**EYE PROTECTION:**..... Chemical Safety goggles

**OTHER PROTECTIVE EQUIPMENT:**.... None

## **SECTION IX - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Store in cool, dry, well-ventilated area.

**OTHER PRECAUTIONS:** ..... None known.

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

REVISED: 09/03/2012