

**KL-X****Sewage Deodorant****DESCRIPTION**

KL-X is a concentrated deodorant specially formulated to neutralize odor causing substances leaving a pleasant aroma. Use **KL-X** for septic tanks, waste holding tanks, toilets, sewer systems, RV/marine etc.

DIRECTIONS

Toilets: Use $\frac{1}{4}$ - $\frac{1}{2}$ litres of **KL-X** in holding tank and add 4 – 5 litres of water to cover the bottom of the tank.

Recirculating: Use $\frac{1}{4}$ litres of **KL-X** with the initial water charge.

Waste Holding Tanks: Use $\frac{1}{4}$ - $\frac{1}{2}$ litres of **KL-X** for every 50 litres of tank capacity. First time cover the bottom of tank with water.

For extended usage double the amount of **KL-X** with initial water charge.

PHYSICAL DATA

Appearance	Liquid
Color	Blue
Odor	Wintergreen
Foam	Moderate
pH	Neutral

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **KL-X**

WHMIS CODE: D2B

Product Use: *Sewage Deodorant*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

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ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>RANGE %</u>	<u>TLV</u>
COCAMIDOPRPYL BETAINE	70851-07-9	1.0-5.0	
LD50 (oral, rat):	5250 mg/Kg		
LD50 (dermal):	Not available		
LC50:	Not available		
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	1.0-5.0	
LD50 (oral, rat):	>500-5000 mg/kg		
LD50 (dermal):	>200-20000 mg/kg		
LC50:	Not available		
ISOPROPANOL	67-63-0	1.0-5.0	500 ppm
LD50 (oral, rat):	5045 mg/Kg		
LD50 (dermal, rabbit):	12800 mg/Kg		
LC50 (inhalation, rat):	22627 ppm/4 hrs		

SECTION 3 – PHYSICAL DATA

Color and Odor: Dark blue, wintergreen odour	Boiling Point: N/A	Vapor Pressure: N/D	pH: 5.0 - 7.0
Physical State: Liquid	Melting Point: N/D	Vapor Density: N/D	Specific Gravity: 1.00
Coeff. Water/Oil Dist: Greater than 1.0	Evaporation Rate: N/D	Solubility in Water: Soluble	Odor Threshold: N/D

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to boiling
Flammable Limits: None known.
Extinguishing Media: Product not flammable. Use extinguishing media suitable for surrounding fires
Unusual Fire and Explosion Hazards: None
Hazardous Combustion Products: None
Special Fire Fighting: Wear self contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable,
Incompatibility (material to avoid): Strong oxidizing agents and acids
Hazardous Decomposition Products: Oxides of carbon and nitrogen

Hazardous Polymerization: Will not occur.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.
Irritancy of Product: Mild irritant.
Sensitization: None known.
Name of Toxicological Synergistic Product: None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Long term over-exposure of skin may cause dermatitis.
Effects of Acute Exposure to Product: May cause eye irritation and skin irritation upon prolonged and repeated exposure. Excessive inhalation of concentrated product vapours or mists may cause irritation. If ingested may cause irritation, burning pain in the mouth, throat or abdomen, nausea vomiting and cramps.

Routes of Entry: Skin and eye contact, inhalation
Carcinogenicity: None known.
Mutagenicity: None known.
Reproductive Toxicity: None known.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Not required. If inhalation of concentrated product mist or spray is likely, use an approved dust/mist respirator
Ventilation: Use with normal ventilation
Protective Gloves: Butyl rubber, neoprene or nitrile
Eye Protection: Chemical goggles, safety glasses or face shield.
Protective Clothing and Equipment: Long sleeves coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Store in a cool, dry place away from incompatible materials. Keep container closed when not in use. Do not mix with any other chemicals. Avoid contact with skin, eyes and clothing. Use good industrial hygiene. Store at temperatures below 30°C (86°F).
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. Pump spill into a clean waste container. For small spills soak up with a suitable absorbent such as clay, soil or commercially available absorbents and scoop into a clean waste container. Flush area with water.
Waste Disposal Method: Reuse if possible, otherwise dispose recovered material in accordance with all local provincial and federal regulations
Special Shipping Information: Store at temperatures below 30°C (86°F).

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

PHONE: (306) 347-0444

LAST UPDATE: Jan. 6, 2015

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE