

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	LM-75		
PRODUCT CODE	18075	MANUFACTURER	Seatex Ltd.
ISSUE DATE	02-15-11	STREET ADDRESS	445 TX-36
SUPERCEDES	04-25-01	CITY STATE ZIP	Rosenberg, TX 77471
		PHONE	(800) 829-3020

**EMERGENCY TELEPHONE NUMBER**  
1-800-535-5053

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	OSHA PEL/TLV	<u>EXPOSURE LIMITS</u>		OTHER LIMITS
			ACGIH TLV	STEL	
Potassium Hydroxide	1310-58-3	2 mg/m <sup>3</sup>	2 mg / m <sup>3</sup>	NE	NA

## SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Causes severe burn. Harmful if swallowed.
-----------------------	---

POTENTIAL HEALTH EFFECTS	
<b>INGESTION</b> .....	Severe burns to oral and gastric mucus.
<b>INHALATION</b> .....	Severe burns to mucous membranes.
<b>EYE CONTACT</b> .....	Severe burns.
<b>SKIN CONTACT</b> .....	Severe burns.

## SECTION 4 – FIRST AID MEASURES

INGESTION	Drink large quantities of milk or water. DO NOT INDUCE VOMITING. See a physician immediately.
INHALATION	If mists are produced or if respiratory irritation occurs, leave area and do not return until mists are dispersed. If irritation persists, see a doctor.
EYE CONTACT	Flush with water for 15 minutes. See a physician immediately.
SKIN CONTACT	Flush with large amounts of water. If irritation continues, see a physician.
NOTE TO PHYSICIAN	Treatment based on judgment of the physician in response to reactions of the patient.

**SECTION 5 – FIRE FIGHTING MEASURES**

FLASH POINT / METHOD	NA ° F    NA	FLAMMABLE LIMITS	NA
% VOLATILE	NA		
EXTINGUISHING MEDIA	Water mist, dry chemical, CO2, alcohol foam.		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus as in all chemical fires.		
FIRE AND EXPLOSION HAZARDS	Concentrate will react with aluminum or zinc.		

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	Stop leak. Dilute material spilled with diluted acetic acid (vinegar) to less than pH 10.
--------------------	---

**SECTION 7 – HANDLING AND STORAGE**

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a dry, cool place.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS**

HYGIENIC PRACTICES	Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.
ENGINEERING CONTROLS	No special ventilation requirements. ** OR ** Use general mechanical ventilation to remove vapors at the source. Eyewash station is recommended. ** OR ** Use local exhaust to remove vapors at the source. Eyewash station recommended.

	RESPIRATOR	Not required
X	GOGGLES / FACE SHIELD	Required; goggles should be chemical splash type.
	APRON	Not required
X	GLOVES	Required; gloves should be PVC, Neoprene.
	BOOTS	Not required

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Slightly red clear liquid	BOILING POINT	220° F
ODOR	No apparent odor.	VAPOR PRESSURE	NA
pH	>13	VAPOR DENSITY	NA

SPECIFIC GRAVITY	1.28	EVAPORATION RATE (butyl acetate=1)	<1
SOLUBILITY IN WATER	Complete		

## SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
<b>CONDITIONS TO AVOID</b>	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Strong acids					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of carbon.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
<b>CONDITIONS TO AVOID</b>	None					

## SECTION 11 – TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
x	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910,Z

### OTHER EFFECTS

<b>ACUTE</b>	Cause severe burns to skin, eyes, mucous membranes and gastric mucosa.
<b>CHRONIC</b>	None known
<b>ORAL LD/50</b>	Unknown

## SECTION 12 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Flush diluted material to sewer.
----------------	----------------------------------

## SECTION 13 – TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS	x		NOT HAZARDOUS	
<b>DESCRIPTION</b>	Corrosive liquid, n.o.s. (contains potassium hydroxide), 8, UN 1760, P.G. II.					
SEATEX HM CODE	170					

## SECTION 14 – OTHER INFORMATION

### HMIS CLASSIFICATION

2	<b>BLUE</b>	HEALTH HAZARD
0	<b>RED</b>	FLAMMABILITY
0	<b>YELLOW</b>	REACTIVITY
ALK	<b>WHITE</b>	SPECIAL HAZARD

**MSDS**

PRODUCT	LM - 75	CODE	18075
---------	---------	------	-------

Page 4 of 4

use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Seatex Ltd. in connection with the use of this information.

Printed on: 02-15-11