

PROBLEND
COMMERCIAL SERIES

82451 & 82452 Line U-017
U-016

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	LT SAN	MANUFACTURER	Seatex, Ltd.
PRODUCT CODE	05205	STREET ADDRESS	445 TX Hwy 36
ISSUE DATE	03/20/13	CITY, STATE ZIP	Rosenberg, TX 77471
SUPERCEDES	02/01/13	PHONE	(800) 829-3020

EMERGENCY TELEPHONE NUMBER
1-800-535-5053

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	OSHA PEL/TLV	EXPOSURE LIMITS		OTHER LIMITS
			ACGIH TLV	STEL	
Sodium Hypochlorite	7681-52-9	3 mg/m ³	3 mg/m ³	9 mg/m ³	None

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Causes severe irritation to eyes, skin, and mucous membranes.
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POTENTIAL HEALTH EFFECTS	
INGESTION	Irritation of membranes of the mouth, throat, stomach pain and possible ulceration.
INHALATION	Bronchial irritation, cough, difficulty breathing.
EYE CONTACT	Severe irritation and burning.
SKIN CONTACT	Reddening, eczema.

SECTION 4 - FIRST AID MEASURES

INGESTION	Drink water. DO NOT INDUCE VOMITING. DO NOT USE BAKING SODA OR ACIDIC ANTIDOTES. Get medical attention immediately.
INHALATION	Move to fresh air. If irritation persists, see a physician.
EYE CONTACT	Flush with water for at least 15 minutes. Consult an eye specialist immediately.
SKIN CONTACT	Flush with water. Remove contaminated clothing and do not re-wear until washed. If irritation persists, 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	N/A	FLAMMABLE LIMITS	N/A
% VOLATILE	N/A		
EXTINGUISHING MEDIA	Dry chemical, water mist, alcohol foam.		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear self-contained breathing apparatus as in all chemical fires.		
FIRE AND EXPLOSION HAZARDS	Can be decomposed by heat or acid. Chlorine gas is a strong fire promoter.		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Stop leak. Reduce spilled material with bisulfites or ferrous salt solutions (some heat will result). Keep solution alkaline to neutral. Dilute with large quantities of water.
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SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in vented, closed, clean, non-corrosive containers in a cool, dry place away from heat and adjacent chemicals.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

HYGIENIC PRACTICES	Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.
ENGINEERING CONTROLS	Use general mechanical ventilation and local exhaust to remove vapors at the source. Eyewash station is recommended.

X	RESPIRATOR	Required above OSHA recommended levels.
X	GOGGLES / FACE SHIELD	Required: chemical splash goggles.
	APRON	Not required.
X	GLOVES	Required: chemical resistant gloves.
	BOOTS	Not required.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear, pale yellow/green liquid	BOILING POINT	210° F
ODOR	Pungent chlorine	VAPOR PRESSURE	N/D
pH CONCENTRATE	11.5 – 12.5	VAPOR DENSITY	N/D
SPECIFIC GRAVITY	1.15	EVAPORATION RATE (butyl acetate=1)	N/A
SOLUBILITY IN WATER	N/D		

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE			UNSTABLE	X
CONDITIONS TO AVOID	Decomposition increases with temperature, concentration, and sunlight.					
INCOMPATIBILITY	Acids, ammonia, urea, oxidizable material, nickel, copper, and tin.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Hypochlorous acid, chlorine, hydrochloric acid.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	

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 1910.2

OTHER EFFECTS

ACUTE	Irritation to mucous membranes. Very little hazard from properly stored solution.
CHRONIC	Not determined.
ORAL LD/50	Unknown.

SECTION 12 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose according to local, state, and federal regulations.
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SECTION 13 – TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS	X		NOT HAZARDOUS	
DESCRIPTION	UN1791, Hypochlorite solution, 8, PG III					

SECTION 14 – OTHER INFORMATION**HMIS® CLASSIFICATION**

HEALTH	BLUE	2
FLAMMABILITY	RED	0
PHYSICAL HAZARD	ORANGE	1
PERSONAL PROTECTION	WHITE	-

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