

# LAKELAND

## CHEMICAL SPECIALTIES, INC.

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### MATERIAL SAFETY DATA SHEET

DATE ISSUED 06/06

#### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: B-5125  
CHEMICAL NAME: CAUSTIC/POLYMER/MOLYBDATE  
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/SCALE AND CORROSION

#### SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
SODIUM HYDROXIDE	<13%	1310-73-2	2mg/m <sup>3</sup> C	2mg/m <sup>3</sup>
SODIUM MOLYBDATE DIHYDRATE		7631-95-0	.5mg/m <sup>3</sup> R	5mg/m <sup>3</sup>
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#### SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT (F): 212° MELTING POINT: NA  
SOLUBILITY IN WATER: 100% VAPOR PRESSURE (mm Hg): NA  
Ph (1% SOLUTION): 12 VAPOR DENSITY (AIR = 1): NA  
SPECIFIC GRAVITY: 1.16 WATER REACTIVE: NO  
APPEARANCE/ODOR: SLIGHT YELLOW DOT SHIPPING NAME: CORROSIVE LIQUID, N.O.S.  
LIQUID (SODIUM HYDROXIDE MIXTURE),  
NO ODOR 8,UN1760, PGII

#### SECTION 4 : FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NA  
EXTINGUISHER MEDIA: NA (PRODUCT IS NON-FLAMMABLE)  
SPECIAL FIRE FIGHTING PROCEDURES: AVOID SKIN AND EYE CONTACT. WEAR HEAD AND BODY PROTECTION, IF EXPOSURE IS POSSIBLE.

#### SECTION 5: REACTIVITY HAZARD DATA

STABILITY:  X  STABLE   UNSTABLE PRECAUTIONS:  NA   
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS MAY PRODUCE HEAT AND SPLATTERING. CONTACT WITH ALUMINUM, TIN, ZINC, OR BRASS GIVES OFF EXPLOSIVE HYDROGEN GAS.  
HAZARDOUS DECOMPOSITION PRODUCTS: NA  
HAZARDOUS POLYMERIZATION:   OCCURS  X  DOES NOT OCCUR

**SECTION 6: HEALTH HAZARD DATA - PROTECTIVE MEASURES - FIRST AID**

**MOST LIKELY ROUTE OF ENTRY:**

**SKIN:** CAUSES SEVERE BURNS  
WEAR ALKALI-RESISTANT PROTECTIVE GLOVES, BOOTS AND CLOTHING. PROVIDE CONVENIENT SAFETY SHOWERS. FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF ANY IRRITATION PERSISTS

**EYES:** CAUSES BURNS AND EYE DAMAGE  
WEAR CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD  
PROVIDE CONVENIENT EYE WASH STATION IN IMMEDIATE WORK AREA.  
FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION.

**INHALATION:** BREATHING OF MISTS OR LIQUID CAUSES SEVERE IRRITATION AND POSSIBLE BURNS  
WEAR NIOSH APPROVED LIQUID/MIST RESPIRATOR IF EXPOSURE IS LIKELY  
REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS

**INGESTION:** CAUSES BURNS IN MOUTH, THROAT AND STOMACH  
WEAR FACE SHIELD WHEN EXPOSED IF NOT USING A RESPIRATOR  
AVOID SWALLOWING. DILUTE BY GIVING LARGE AMOUNTS OF WATER  
DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION

**SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES**

**IN THE EVENT OF SPILL OR RELEASE:** SMALL SPILLS CAN BE DILUTED DOWN TO NEUTRAL WITH MILD ACID OR LARGE AMOUNTS OF WATER, AND FLUSHED TO SEWER OR GROUND, OR TAKEN UP WITH A PAPER TOWEL OR SIMILAR ABSORBENT FOR DISPOSAL. CERCLA RZ = 1000 LBS. NaOH (7700 LBS. PRODUCT). LARGE SPILLS SHOULD BE CONTAINED BY DIKING OR OTHERWISE HELD FOR COLLECTION, NEUTRALIZATION AND DISPOSAL OR RE-USE

**PRECAUTIONS FOR HANDLING AND STORAGE:** STORE IN A COOL AND DRY AREA AWAY FROM INCOMPATIBLE/ REACTIVE MATERIALS (I.E. ACIDS)

**WASTE DISPOSAL METHOD:** CONSULT FEDERAL, STATE AND LOCAL REGULATIONS FOR APPROVED DISPOSAL PROCEDURES. MAY QUALIFY AS A RCRA HAZARDOUS WASTE.

**EMPTY CONTAINERS:** TRIPLE RINSE BEFORE HANDLING AND DISPOSAL

**OTHER PRECAUTIONS:** NONE

**SECTION 8: HMIS RATINGS**

<u>3</u>	HEALTH	<u>1</u>	REACTIVITY
<u>0</u>	FLAMMABILITY	<u>J</u>	PERSONAL PROTECTION

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