

# LAKELAND

## CHEMICAL SPECIALTIES, INC.

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### MATERIAL SAFETY DATA SHEET

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#### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: CL-5610  
CHEMICAL NAME: POLYMER/MOLYBDATE/KOH/TOLYTRIAZOLE/WATER  
CHEMICAL FAMILY: INDUSTRIAL CLOSED LOOP TREATMENT CORROSION AND SCALE INHIBITOR

#### SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
SODIUM MOLYBDATE DIHYDRATE		7631-95-0	.5mg/m <sup>3</sup> (AS MO)	5mg/m <sup>3</sup>
POTASSIUM HYDROXIDE	2	1310-58-3	2mg/m <sup>3</sup> C	NA
TOLYLTRIAZOLE	1.5	29385-43-1	NA	NA

#### SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 212° MELTING POINT: NA  
SOLUBILITY IN WATER: 100% VAPOR PRESSURE (mm Hg): NA  
pH: 11.5-12.0 VAPOR DENSITY (AIR = 1): NA  
SPECIFIC GRAVITY: 1.1 WATER REACTIVE: NO  
APPEARANCE/ODOR: CLEAR, LIQUID NO ODOR DOT SHIPPING NAME: CORROSIVE LIQUID, N.O.S.  
(POTASSIUM HYDROXIDE),8,  
UN1760, PGIII

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

FLASH POINT (METHOD USED): NONE  
EXTINGUISHER MEDIA: NA-PRODUCT IS NON-FLAMMABLE  
SPECIAL FIRE FIGHTING PROCEDURES: AVOID SKIN AND EYE CONTACT, WEAR HEAD AND BODY PRODUCTION  
IF EXPOSURE IS POSSIBLE. KEEP DRUM COOL WITH WATER

#### SECTION 5: REACTIVITY HAZARD DATA

STABILITY:  X  STABLE   UNSTABLE PRECAUTIONS:  NA   
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN  
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:** IRRITANT. POSSIBLE SEVERE WITH PROLONGED EXPOSURE.  
WEAR ALKALI-RESISTANT PROTECTIVE GLOVES AND COMPLETE BODY PROTECTION.  
PROVIDE CONVENIENT SAFETY SHOWERS. REMOVE CONTAMINATED CLOTHES.  
FLUSH SKIN THOROUGHLY WITH WATER FOR 15 MINUTES.

**EYES:** IRRITANT. CAN CAUSE EYE DAMAGE.  
WEAR SPLASH-PROOF GOGGLES.  
PROVIDE CONVENIENT EYE WASH STATION. FLUSH IMMEDIATELY WITH WATER  
FOR 15 MINUTES. GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSIST.

**INHALATION:** BREATHING OF MISTS OR LIQUID CAUSES SEVERE IRRITATION AND POSSIBLE BURNS  
WEAR AN APPROVED NIOSH RESPIRATOR IF EXPOSURE IS LIKELY  
REMOVE TO FRESH AIR. GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSIST

**INGESTION:** AVOID SWALLOWING-OVERDOSE OF MOLYBDENUM CAN CAUSE KIDNEY AND LIVER DAMAGE.  
RINSE MOUTH. DO NOT INDUCE VOMITING.  
DRINK LOTS OF WATER. SEEK MEDICAL ATTENTION IF A QUANTITY IS SWALLOWED.

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

**IN THE EVENT OF SPILL OR RELEASE:** SMALL SPILLS CAN BE DILUTED WITH WATER OR MILD ACID AND  
FLUSHED TO SEWER OR GROUND WITH LARGE AMOUNTS OF WATER. LARGE SPILLS SHOULD  
DIKED AND HELD FOR COLLECTION, NEUTRALIZATION AND DISPOSAL, OR REUSE.

**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.

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

**OTHER PRECAUTIONS:** NONE

**SECTION 8: HMIS RATINGS**

<u>1</u>	HEALTH	<u>0</u>	REACTIVITY
<u>0</u>	FLAMMABILITY	<u>D</u>	PERSONAL PROTECTION

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