

# LAKELAND

## CHEMICAL SPECIALTIES, INC.

W140 N5090 LILLY RD.  
MENOMONEE FALLS, WIS. 53051

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### MATERIAL SAFETY DATA SHEET

Date Issued: 4/91

#### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: CL-5610  
CHEMICAL NAME: Polymer/Molybdate/KOH/Tolytriazole/Water  
CHEMICAL FAMILY: Industrial Closed Loop Treatment/  
Scale and Corrosion Inhibitor.

#### SECTION 2: HAZARDOUS INGREDIENTS

<u>Material</u>	<u>Percent</u>	<u>CAS#</u>	<u>TLV</u>	<u>PEL</u>
Sodium Molybdate dihydrate		7631-95-0	5mg/m <sup>3</sup> (as Mo)	
Potassium Hydroxide	2	1310-58-3	NA	2mg/m <sup>3</sup> (ceiling)
Tolytriazole	1	29385-43-1	NA	NA

#### SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

Boiling Point(F): 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: None  
Non-Corrosive

#### 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 protection if exposure is possible. Keep drums 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.

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

Most likely routes of entry: Eyes and Skin.

- EYES: Irritant. Can cause eye damage.  
Wear splash-proof goggles. Provide convenient eyewash stations.  
Flush immediately with water for at least 15 minutes.  
Get prompt medical attention if effects persist.
- SKIN: Irritant. Possibly severe with prolonged exposure.  
Wear alkali-resistant gloves and complete body protection. Provide convenient safety showers.  
Remove contaminated clothes. Flush skin thoroughly with water for 15 minutes.
- INHALATION: Breathing of liquid or mists can cause severe irritation or 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.

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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 be 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: (ie. Acid).

Waste Disposal Method: Consult Federal, State and local authorities for approved disposal procedures.

Empty Containers: Triple rinse before handling and disposal.

Other Precautions: None

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SECTION 8: HMIS RATINGS

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

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