

LAKELAND

CHEMICAL SPECIALTIES, INC.

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MATERIAL SAFETY DATA SHEET

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SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: CL-5615
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 ³ (AS MO)	5mg/m ³
POTASSIUM HYDROXIDE	2	1310-58-3	2mg/m ³ C	na
TOLYTRIAZOLE	1	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:	8.25	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 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 COOLS 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>B</u>	PERSONAL PROTECTION

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