

# LAKELAND

## CHEMICAL SPECIALTIES, INC.

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### MATERIAL SAFETY DATA SHEET

DATE ISSUED 06/06

#### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: CL-5600  
CHEMICAL NAME: POLYMER/PHOSPHATE/TOLYLTRIAZOLE/KOH  
CHEMICAL FAMILY: INDUSTRIAL CLOSED LOOP TREATMENT CORROSION AND SCALE INHIBITOR

#### SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
POTASSIUM HYDROXIDE	5-6	1310-58-3	2mg/m <sup>3</sup> C	NA
TOLYTRIAZOLE	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 VAPOR DENSITY (AIR = 1): NA  
SPECIFIC GRAVITY: 1.12 WATER REACTIVE: NO  
APPEARANCE/ODOR: LIGHT BROWN 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: NOT APPLICABLE, 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:  NONE   
INCOMPATIBILITY (MATERIALS TO AVOID): CONTACT WITH STRONG ACIDS MAY PRODUCE HEAT AND SPATTERING.  
HAZARDOUS DECOMPOSITION PRODUCTS: N/A  
HAZARDOUS POLYMERIZATION:   OCCURS  X  DOES NOT OCCUR

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

**MOST LIKELY ROUTE OF ENTRY:**

**SKIN:** IRRITANT. POSSIBLY SEVERE WITH PROLONGED EXPOSURE.  
WEAR ALKALI-RESISTANT PROTECTIVE GLOVES, BOOTS AND CLOTHING. PROVIDE  
CONVENIENT SAFETY SHOWERS. FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL  
ATTENTION IF ANY IRRITATION PERSIST

**EYES:** MAY CAUSE BURNS AND EYE DAMAGE  
WEAR CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD  
PROVIDE CONVENIENT EYE WASH STATION  
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 PERSIST

**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 EQ = 1000 LBS. NaOH (17000 LBS, PRODUCT)

**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>2</u>	HEALTH	<u>0</u>	REACTIVITY
<u>0</u>	FLAMMABILITY	<u>D</u>	PERSONAL PROTECTION

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