

# LAKELAND

## CHEMICAL SPECIALTIES, INC.

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### MATERIAL SAFETY DATA SHEET

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#### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: CL-5650

CHEMICAL NAME: CAUSTIC/POLYMER/SURFACTANT/DISPERSANT

CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/CLOSED LOOP CLEANER

#### SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
SODIUM HYDROXIDE	8-10	1310-73-2	2mg/m <sup>3</sup> C	2mg/m <sup>3</sup>

#### SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 220°

MELTING POINT: NA

SOLUBILITY IN WATER: 100%

VAPOR PRESSURE (mm Hg): NA

Ph (1% SOLUTION): 11.7

VAPOR DENSITY (AIR = 1): NA

SPECIFIC GRAVITY: 1.08

WATER REACTIVE: NO

APPEARANCE/ODOR: SLIGHT CLOUDY

DOT SHIPPING NAME: CORROSIVE LIQUID, N.O.S.

GOLD LIQUID

(SODIUM HYDROXIDE), 8, UN1760, PGII

NO ODOR

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

FLASH POINT (METHOD USED): NON-FLAMMABLE

EXTINGUISHER MEDIA: NA (PRODUCT IS 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 SPATTERING.  
CONTACT WITH ALUMINUM, TINZINC, 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 PERSIST

**EYES:** CAUSES 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 HELD FOR DISPOSAL. LARGE SPILLS SHOULD BE CONTAINED BY DIKING OR OTHERWISE HELD FOR COLLECTION, NEUTRALIZATION AND DISPOSAL OR RE-USE  
CERCLA EQ = 1000 LBS. NaOH (10,000 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. 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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