

LAKELAND

CHEMICAL SPECIALTIES, INC.

W140 N5090 LILLY ROAD
MENOMONEE FALLS, WI 53051

24 Hour Emergency: (800) 424-9300 (CHEMTREC)

Phone: (262) 781-1350

MATERIAL SAFETY DATA SHEET

DATE ISSUED 06/06

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: B-5130
CHEMICAL NAME: CAUSTIC/TANNIN
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/ALKALINITY ENHANCER

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
SODIUM HYDROXIDE	<31	1310-73-2	2mg/m ³ C	2mg/m ³

SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT (F):	252°	MELTING POINT:	NA
SOLUBILITY IN WATER:	100%	VAPOR PRESSURE (mm Hg):	NA
Ph (1% SOLUTION):	12.25	VAPOR DENSITY (AIR = 1):	NA
SPECIFIC GRAVITY:	1.32	WATER REACTIVE:	NO
APPEARANCE/ODOR:	DARK BROWN, LIQUID NO ODOR	DOT SHIPPING NAME:	CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE),8, UN1760, PGII

SECTION 4 : FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NON-FLAMMABLE
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.

SECTION 5: REACTIVITY HAZARD DATA

STABILITY: X STABLE UNSTABLE PRECAUTIONS: NA
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS MAY PRODUCE HEAT AND SPLATTERING. CONTACT WITH ALUMINUM, TIN, ZINC, 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 PERSISTS

EYES: CAUSES BURNS AND EYE DAMAGE
WEAR CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD
PROVIDE CONVENIENT EYE WASH STATION IN IMMEDIATE WORK AREA.
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 PERSISTS

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. LARGE SPILLS SHOULD BE CONTAINED BY DIKING OR OTHERWISE HELD FOR COLLECTION, NEUTRALIZATION AND DISPOSAL OR RE-USE

CERCLA RQ=1000 LBS. NaOH (3200 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

THE INFORMATION AND DATA GIVEN ARE FROM SOURCES BELIEVED TO BE ACCURATE AND RELIABLE, BUT ARE PRESENTED WITHOUT GUARANTEE OR WARRANTY OR RESPONSIBILITY OF ANY KIND, EXPRESSED OR IMPLIED ON OUR PARTS. INFORMATION REGARDING THE PROPER COURSE OF TREATMENT IN THE EVENT OF AN ACCIDENT OR MISUSE IS PROPERLY THE DOMAIN OF THE ATTENDING PHYSICIAN.