

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: CL-5620
CHEMICAL NAME: SILICATE/MOLYBDATE/TOLYTRIAZOLE/KOH/WATER
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/ CORROSION INHIBITOR

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
SODIUM MOLYBDATE DIHYDRATE	2	7631-95-0	.5mg/m ³	5mg/m ³
SODIUM SILICATE	5	1344-09-8	NA	NA
SODIUM HYDROXIDE	<2	1310-73-2	2mg/m ³ C	2mg/m ³

SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	212°	MELTING POINT:	NA
SOLUBILITY IN WATER:	100%	VAPOR PRESSURE (mm Hg):	NA
pH:	11.5-12.0	VAPOR DENSITY (AIR = 1):	1
SPECIFIC GRAVITY:	1.1	WATER REACTIVE:	NO
APPEARANCE/ODOR:	LIGHT GOLD, LIQUID NO ODOR	DOT SHIPPING NAME:	CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE),8, UN1760, PGIII

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.

SECTION 5: REACTIVITY HAZARD DATA

STABILITY: X STABLE UNSTABLE PRECAUTIONS: NA
INCOMPATIBILITY (MATERIALS TO AVOID): CONTACT WITH STRONG ACIDS AND OXIDIZING AGENTS.
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 DIPOSAL, OR REUSE.

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 REGUALTIONS 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>D</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 PHYSICAN.