

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-5630
CHEMICAL NAME: NITRITE/BORATE/CAUSTIC
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/CORROSION INHIBITOR

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	CEILING	PEL
SODIUM HYDROXIDE	1-2	1310-73-2	2mg/m ³ C	2mg/m ³
BORATE, ANHYDROUS	1	11130-12-4	NA	NA
SODIUM NITRITE	24	7632-00-0	NA	NA

SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 212° MELTING POINT:
SOLUBILITY IN WATER: 100% VAPOR PRESSURE (mm Hg): [17.5@20°C](#)
pH: 11.5 VAPOR DENSITY (AIR = 1): 1
SPECIFIC GRAVITY: 1.1-1.2 WATER REACTIVE: NO
APPEARANCE/ODOR: COLORLESS LIQUID DOT SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S.
SLIGHT ODOR (SODIUM NITRITE), 9, UN3082, PGIII

SECTION 4 : FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NON-FLAMMABLE
EXTINGUISHER MEDIA: NA (PRODUCT IS NON-FLAMMABLE)
SPECIAL FIRE FIGHTING PROCEDURES: NONE

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: OXIDES OF NITROGEN
HAZARDOUS POLYMERIZATION: OCCURS X DOES NOT OCCUR

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

MOST LIKELY ROUTE OF ENTRY:

SKIN: CAN CAUSES SKIN IRRITANT OR FINGERNAIL YELLOWING.
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-PROOF GOGGLES AND/OR FACE SHIELD
PROVIDE CONVENIENT EYE WASH STATION
FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. SEEK PROMPT 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. EXCESSIVE INGESTION RESULTS IN NAUSEA, VOMITING AND DIARRHEA.
FOLLOWING INGESTION, KEEP PATIENT PRONE AND WARM, ADMINISTER OXYGEN, AND CALL
PHYSICAN TO TREAT PATIENT FOR NITRITE POISONING.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

IN THE EVENT OF SPILL OR RELEASE: SMALL SPILLS CAN BE DILUTED WITH WATER AND FLUSHED TO SEWER OR GROUND WITH LARGE AMOUNTS OF WATER. LARGE SPILLS SHOULD BE DIKED AND HELD FOR COLLECTION, NEUTRALIZATION AND DISPOSAL, OR REUSE.

PRECAUTIONS FOR HANDLING AND STORAGE: STORE IN A COOL AND DRY AREA AWAY FROM
INCOMPARTIBLE/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>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.