

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-5220
CHEMICAL NAME: POLYMALEIC ACID/HEDP/PHOSPHATE/ KOH
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/ SCALE INHIBITOR

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
POLYMALEIC ACID	11%	NA	NA	NA
1-HYDROXYETHYLIDENE, 1-DIPHOSPHONIC ACID	3%	2809-21-4	NA	NA
DIPOTASSIUM PHOSPHATE	3	7758-11-4	NA	NA
POTASSIUM HYDROXIDE	7-8%	1310-58-3	2mg/m ³ (CEILING)	NA

SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT (F): 212° MELTING POINT: NA
SOLUBILITY IN WATER: 100% VAPOR PRESSURE (mm Hg): NA
Ph: 10-10.5 VAPOR DENSITY (AIR = 1): NA
SPECIFIC GRAVITY: 1.15 WATER REACTIVE: NO
APPEARANCE/ODOR: YELLOWISH-GOLD DOT SHIPPING NAME: CORROSIVE LIQUID, N.O.S.
LIQUID (POTASSIUM HYDROXIDE),8, UN1760, PGIII
NO ODOR

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. 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 OXIDIZERS AND ACIDS MAY CAUSE HEATING AND SPATTERING.
HAZARDOUS DECOMPOSITION PRODUCTS: IF BURNED, CO₂, CO, HYDROCARBONS
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 GLOVES, 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 EYEWASH STATIONS.
FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSIST.

INHALATION: BREATHING OF MISTS OR LIQUID CAUSES SEVERE IRRITATION OR BURNS
WEAR AN APPROVED NIOSH RESPIRATOR IF EXPOSURE IS LIKELY.
REMOVE TO FRESH AIR. GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSIST

INGESTION: CAUSES IRRITATION. WEAR FACE SHIELD IF NOT USING A RESPIRATOR.
AVOID SWALLOWING. RINSE MOUTH. DRINK LOTS OF WATER. DO NOT INDUCE VOMITING.
GET MEDICAL ATTENTION IF EFFECTS PERSIST.

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 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 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>1</u>	HEALTH	<u>0</u>	REACTIVITY
<u>0</u>	FLAMMABILITY	<u>D</u>	PERSONAL PROTECTION

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