

# LAKELAND

## CHEMICAL SPECIALTIES, INC.

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### MATERIAL SAFETY DATA SHEET

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#### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: B-5200  
CHEMICAL NAME: PHOSPHATE/POLYMER/SULFITE  
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/FOR SCALE /CORROSION

#### SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
DIPOTASSIUM PHOSPHATE	3%	7758-11-4	NA	NA
SODIUM SULFITE	6%	7757-83-7	NA	NA
SODIUM HYDROXIDE	2%	1310-73-2	2mg/m <sup>3</sup> C	2mg/m <sup>3</sup>

#### SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT (F): 212° + MELTING POINT: NA  
SOLUBILITY IN WATER: 100% VAPOR PRESSURE (mm Hg): NA  
pH: 11-11.5 VAPOR DENSITY (AIR = 1): NA  
SPECIFIC GRAVITY: 1.1 WATER REACTIVE: NO  
APPEARANCE/ODOR LIGHT YELLOW DOT SHIPPING NAME: CORROSIVE LIQUID, N.O.S.  
LIQUID (SODIUM HYDROXIDE),8, UN1760,  
NO ODOR 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. WEAR HEAD AND BODY PROTECTION, IF EXPOSURE IS POSSIBLE.

#### SECTION 5: REACTIVITY HAZARD DATA

STABILITY:  X  STABLE   UNSTABLE PRECAUTIONS:  NA   
INCOMPATIBILITY (MATERIALS TO AVOID): CONTACT WITH STRONG ACIDS MAY PRODUCE HEAT AND SPLATTERING.  
CONTACT WITH ALUMINUM MAY PRODUCE EXPLOSIVE HYDROGEN GAS.  
CORROSIVE TO NICKLE, COPPER AND ALLOYS, GALVANIZED IRON.  
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. POSSIBLY 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 EYEWASH STATIONS.  
FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSISTS.

**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 PERSISTS

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

**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>2</u>	HEALTH	<u>0</u>	REACTIVITY
<u>0</u>	FLAMMABILITY	<u>H</u>	PERSONAL PROTECTION

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