

# LAKELAND

## CHEMICAL SPECIALTIES, INC.

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### MATERIAL SAFETY DATA SHEET

DATE ISSUED

03/06

#### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: B-5240  
CHEMICAL NAME: POLYMALEIC ACID/TERPOLYMER/PHOSPHATE/KOH  
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/SCALE INHIBITOR

#### SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	CEILING	PEL
POLYMALEIC ACID	3%	NA	NA	NA
I POTASSIUM PHOSPHATI	3%	na	na	na
POTASSIUM HYDROXIDE	5%	1310-58-3	2mg/m <sup>3</sup> (CEILING)	

#### SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT 212° MELTING POINT: NA  
SOLUBILITY IN WATER 100% VAPOR PRESSURE (mm Hg): NA  
pH 10-10.5 VAPOR DENSITY (AIR = 1): NA  
SPECIFIC GRAVITY 1.12 WATER REACTIVE: NO  
APPEARANCE/ODOR CLEAR GOLDISH DOT SHIPPING NAME NONE  
LIQUID NON-CORROSIVE  
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 OXIDIZER AND ACIDS MAY CAUSE HEATING AND SPATTERING.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

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 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 SPALSH-PROOF GOGGLES. PROVIDE CONVENIENT EYEWASH STATIONS  
FLUSH IMMEDIAITELY WITH WATER FOR AT LEAST 15 MINUTES.  
GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSISTS.

**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 IRRITATION PERSISTS

**INGESTION:** CAUSES IRRITANTION.  
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 EFFETS 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 COOLS AND DRY AREA AWAY FROM  
INCOMPATIBLE REACTIVE MATERIALS (I.E. ACIDS)

**WASTE DISPOSAL METHOD:** \_\_\_\_\_ CONSULT FEDERAL, STATE AND LOCAL AUTHORITIES 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>B</u>	PERSONAL PROTECTION

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