

# LAKELAND

## CHEMICAL SPECIALTIES, INC.

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### MATERIAL SAFETY DATA SHEET

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#### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: B-5320  
CHEMICAL NAME: SULFITE/CATALYST  
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/ CORROSION INHIBITOR

#### SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
SODIUM SULFITE	95%	7757-83-7	NA	NA
COBALT SULFATE	<0.1	10124-43-3	.02mg/m <sup>3</sup>	.1mg/m <sup>3</sup> Co
TANNIN	5%		NA	NA

#### SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT (F): NA MELTING POINT: NA  
SOLUBILITY IN WATER: 1-2 LBS PER GALLON VAPOR PRESSURE (mm Hg): NONE  
pH: NA VAPOR DENSITY (AIR = 1): NA  
SPECIFIC GRAVITY: SOLID WATER REACTIVE: NO  
APPEARANCE/ODOR: BROWNISH/WHITE DOT SHIPPING NAME: NONE  
POWDER  
SLIGHT SULFUR ODOR

#### SECTION 4 : FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NONE  
EXTINGUISHER MEDIA: NA (NON-COMBUSTIBLE)  
SPECIAL FIRE FIGHTING PROCEDURES: WEAR PROTECTIVE CLOTHING AND USE SELF-CONTACTED BREATHING APPARATUS. THERMAL DECOMPOSITION MAY PRODUCE TOXIC, CORROSIVE AND OXIDIZING SULFUR DIOXIDE GAS.

#### SECTION 5: REACTIVITY HAZARD DATA

STABILITY:  X  STABLE   UNSTABLE PRECAUTIONS: RELEASES SO<sub>2</sub> WHEN HEATED  
INCOMPATIBILITY (MATERIALS TO AVOID): CONTACT WITH STRONG OXIDIZERS, ACIDS AND WATER MAY CAUSE HEATING AND RELEASE OF SULFUR DIOXIDE.  
HAZARDOUS DECOMPOSITION PRODUCTS: WHEN HEATED, DILUTED OR ACIDIFIED:SO<sub>2</sub>  
HAZARDOUS POLYMERIZATION: OCCURS  X  DOES NOT OCCUR

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

**MOST LIKELY ROUTE OF ENTRY:**

**SKIN:** IRRITANT. (DUST OR IN WATER SOLUTION). WEAR ALKALI-RESISTANT GLOVES, AND OTHER BODY AND HEAD PROTECTION AS NEEDED. REMOVE CONTAMINATED CLOTHING. FLUSH SKIN THOROUGHLY WITH WATER FOR 15 MINUTES.

**EYES:** IRRITANT. CAN CAUSE EYE DAMAGE. (DUST OR WATER SOLUTION)  
WEAR DUST-PROOF OR SPLASH-PROOF GOGGLES ACCORDING TO EXPOSURE.  
PROVIDE CONVENIENT EYEWASH STATIONS.

**INHALATION:** BREATHING OF DUST OR WATER SOLUTION MIST MAY CAUSE IRRITATION. SO<sub>2</sub> VAPORS CAN CAUSE CHOKING, PULMONARY EDEMA, AND DEATH DEPENDING ON AMOUNT OF EXPOSURE. WEAR APPROVED SO<sub>2</sub> DUST, AND/OR MIST RESPIRATOR ACCORDING TO EXPOSURE. REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED. GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSIST.

**INGESTION:** MAY CAUSE IRRITATION OF MEMBRANES. AVOID MOUTH BREATHING AND SWALLOWING OF DUST OR SOLUTION MISTS. RINSE MOUTH. DRINK LOTS OF WATER. 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:** CLEAN UP SPILLS IMMEDIATELY BY SWEEPING OR SHOVELING UP THE MATERIAL AND PLACING IN DISPOSAL CONTAINER. THE RESIDUAL CAN BE SEWER WITH LARGE AMOUNTS OF WATER. PERSONS DOING CLEAN-UP WORK SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND CLOTHING.

**PRECAUTIONS FOR HANDLING AND STORAGE:** KEEP AWAY FROM HEAT, ACIDS AND OXIDIZERS.  
STORE IN COOL AND DRY AREA.

**WASTE DISPOSAL METHOD:** MAY BE DISPOSED OF AS INDUSTRIAL SOLID WASTE. 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>1</u>	PERSONAL PROTECTION

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