

# LAKELAND

## CHEMICAL SPECIALTIES, INC.

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### MATERIAL SAFETY DATA SHEET

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#### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: B-5340  
CHEMICAL NAME: SULFITE/CATALYST  
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/CORROSION INHIBITOR

#### SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
SODIUM SULFITE	49.5	7757-83-7	NA	NA
SODIUM METABISULFITE	49.5	7681-57-4	5mg/m <sup>3</sup>	NA
COBALT SULFATE	<.01	10124-43-3	.02mg/m <sup>3</sup>	.1mg/m <sup>3</sup> Co

#### SECTION 3: PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 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: NONE  
APPEARANCE/ODOR: BROWNISH/WHITE POWDER DOT SHIPPING NAME: NONE  
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-CONTAINED 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 PROTECTIVE GLOVES, AND OTHER BODY AND HEAD PROTECTIVE AS NEEDED  
REMOVE CONTAMINATED CLOTHING.  
FLUSH SKIN THOROUGHLY WITH WATER FOR 15 MINUTES.

**EYES:** IRRITANT. MAY CAUSE EYE BURNS (DUST OR WATER SOLUTION)  
WEAR DUST-PROOF OR SPLASH-PROOF GOGGLES ACCORDING TO EXPOSURE.  
PROVIDE CONVENIENT EYE WASH STATION

**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. 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 MATERIALS  
AND PLACING IN DISPOSAL CONTAINER. THE RESIDUE CAN BE FLUSHED TO SEWER WITH LARGE AMOUNTS OF WATER  
PERSON DOING CLEAN-UP WORK SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND CLOTHING.

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

**WASTE DISPOSAL METHOD:** CONSULT FEDERAL, STATE AND LOCAL REGULATIONS FOR APPROVED DISPOSAL  
PROCEDURES. MAY BE DISPOSED OF AS INDUSTRIAL SOLID WASTE.

**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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