

LAKELAND

CHEMICAL SPECIALTIES, INC.

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MATERIAL SAFETY DATA SHEET

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SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: B-5310
CHEMICAL NAME: SODIUM METABISULFITE
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/CORROSION INHIBITOR

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	TLV	PEL
SODIUM METABISULFITE	99.5	7681-57-4	5mg/m ³	NA
COBALT CHLORIDE	<.5	7646-79-9	.02mg/m ³ Co	.1mg/m ³

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 SLIGHT SULFUR ODOR	DOT SHIPPING NAME:	NONE

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
AND OXIDIZING SULFUR DIOXIDE GAS.

SECTION 5: REACTIVITY HAZARD DATA

STABILITY: X STABLE UNSTABLE PRECAUTIONS: RELEASES SO₂ 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 : SO₂
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 PROTECTION AS NEEDED.
REMOVE CONTAMINATED CLOTHING. FLUSH SKIN THOROUGHLY WITH WATER FOR 15 MINUTES.

EYES: IRRITANT. CAUSES 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. SO₂ VAPORS CAN CAUSE
CHOKING, PULMONARY EDEMA, AND DEATH DEPENDING ON AMOUNT OF EXPOSURE.
WEAR APPROVED SO₂ DUST, AND/OR MIST RESPIRATOR ACCORDING TO EXPOSURE
REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED.
GET PROMPT MEDICAL ATTENTION IF IRRITATION PERSIST

INGESTION: MAY CAUSE IRRITATION OF MEMBRANES. AVOID MOUTH BREATHING AND SWALLOWING OF DUST
OR SOLUTION MISTS. 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: CLEAN UP SPILLS IMMEDIATELY BY SWEEPING OR SHOVELING UP THE MATERIAL
AND PLACING IN DISPOSAL CONTAINER. THE RESIDUE 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: 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 SOLIDS 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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