

LAKELAND

CHEMICAL SPECIALTIES, INC.

W140 N5090 LILLY ROAD
MENOMONEE FALLS, WI 53051

24 Hour Emergency: (800) 424-9300 (CHEMTREC)

Phone: (262) 781-1350

MATERIAL SAFETY DATA SHEET

DATE ISSUED 03/06

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: B-5330
CHEMICAL NAME: SODIUM SULFITE
CHEMICAL FAMILY: INDUSTRIAL WATER TREATMENT/CORROSION INHIBITOR

SECTION 2: HAZARDOUS INGREDIENTS

MATERIAL	PERCENT	CAS#	CEILING	PEL
SODIUM SULFITE	99.5	7757-83-7	NA	na
COBALT CHLORIDE	<.5	7646-79-9	.1mg/m ³	

(AS COLBALT)

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 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 THOROUGHLY WITH WATER FOR 15 MINUTES.

EYES: IRRITANT. MAY CAUSE EYE BURNS. (DUST OR WATER SOLUTION)
WEAR DUST-PROOF OR SPLASH 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 EFFECTS PERSISTS.

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 PERSISTS.

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.
PERSON DOING CLEAN-UP WORK SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND CLOTHING.

PRECAUTIONS FOR HANDLING AND STORAGE: STORE IN A COOLS AND DRY AREA
KEEP AWAY FROM HEAT, ACIDS AND OXIDIZIERS

WASTE DISPOSAL METHOD: CONSULT FEDERAL, STATE AND LOCAL AUTHORITIES FOR APPROVED DISPOSAL PROCEDURES. MAY BE DSPOSED 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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