



HOME OFFICE, 4301 DOMINION BLVD.
GLEN ALLEN, VA. 23060 • (804) 965-0505

MATERIAL SAFETY DATA SHEET

SECTION I

TRADE NAME CHEMTREAT B-120	EMERGENCY TELEPHONE NO. (800) 424-9300 <small>ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS</small>
CHEMICAL NAME AND SYNONYMS Sodium Sulfite	

SECTION II HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENT(S)	CAS NO.	%	ORAL LD ₅₀	DERMAL LD ₅₀	TLV (Units)
Sodium sulfite	7757-83-7	>1	5.66 g/kg (Rats)	>16.0 g/kg (Rabbits)	10 mg/m ³ Nuisance Dust

SECTION III PHYSICAL DATA

BOILING POINT (°F)	Not Available	SPECIFIC GRAVITY (H ₂ O = 1) Bulk Den.	1.5
VAPOR PRESSURE (mm Hg.) at 20°C	Not Available	PERCENT VOLATILE BY WEIGHT (%)	0
VAPOR DENSITY (AIR=1)	Not Available	EVAPORATION RATE ()	Not Available
SOLUBILITY IN WATER	~17%	pH 10% Solution	9 - 10
APPEARANCE AND ODOR	White to light tan crystalline powder. Mild odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	NA	FLAMMABLE LIMITS % by Vol	Lel NA	Uel NA
EXTINGUISHING MEDIA	Not Flammable. Use extinguishing media appropriate to the surrounding fire			
SPECIAL FIRE FIGHTING PROCEDURES	If product is involved in a fire, firefighters should wear full protective clothing including a NIOSH approved self-contained breathing apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Extreme heating can result in toxic sulfur dioxide fumes.			

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SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	OSHA TLV	NE	ACGIH TLV	NE
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EFFECTS OF OVEREXPOSURE

May cause mild eye and skin irritation. Oral exposure or swallowing may produce gastrointestinal upset. Sulfite sensitive individuals may experience a severe allergic reaction upon inhalation or ingestion.

HEALTH EFFECTS

No applicable information was found on the long term health effects of this product.

PRIMARY ROUTE OF ENTRY

Skin
Eyes
Ingestion
Inhalation

EMERGENCY FIRST AID PROCEDURE

EYES & SKIN: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. Flush skin with water. Wash clothing before reuse. **INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician. **INGESTION:** If swallowed, induce vomiting immediately by giving two (2) glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician.

SECTION VI REACTIVITY DATA

STABILITY	STABLE	√	CONDITIONS TO AVOID	Contact with oxidizers and acids will liberate toxic sulfur dioxide fumes.
	UNSTABLE			
INCOMPATIBILITY (Materials to Avoid)		Strong oxidizers and acids.		
HAZARDOUS DECOMPOSITION PRODUCTS		Sulfur dioxide gas; sodium sulfide residue.		
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID		
MAY OCCUR	NO	√	None Known	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wearing appropriate protection equipment (see Section VIII), contain spill. Using an inert chemical absorbent, collect spilled material and place in a properly labeled container for disposal. Report spills as required to appropriate authorities.

WASTE DISPOSAL METHOD

Dispose of in accordance with local, state, and federal regulations.

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SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)	If dusting prevails, use NIOSH approved dust respirator.
EYE PROTECTION Chemical splash goggles	SKIN PROTECTION Rubber gloves, apron, and boots
VENTILATION Local exhaust	OTHER PROTECTION Eye wash fountain and safety shower.

SECTION IX SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORING**

Avoid contact with eyes and skin. Avoid breathing dust. Do not ingest.
Wash thoroughly after handling. Wash skin with soap and water.

OTHER PRECAUTIONS

Keep container securely closed when not in use. Use with adequate ventilation.
Keep away from heat and oxidizers. For water solutions: Rubber gloves, apron and boots.
For industrial use only.

SECTION X MISCELLANEOUS DATA

NIF - No Information Found NA - Not Available NE - Not Established

D.O.T. Class: Not Regulated

Listed in FDA regulations 21 CFR Section 173.310 as an approved "Boiler Water Additive."

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Timothy H. Reid / Director of Regulatory Affairs

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PREPARED BY

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DATE



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REGULATORY COMPLIANCE	HAZARDOUS INGREDIENTS						
	1	2	3	4	5	6	7
CWA/304 Water Quality Criteria	No						
CWA/307 Priority Pollutants	No						
CWA/311 Hazardous Chemicals	No						
CAA/111 VOC	No						
CAA 1990 Amendments	No						
RCRA Land Disposal Restrictions	No						
CERCLA Hazardous Substances	No						
SARA/302 Extremely Hazardous Substances	No						
SARA/313 Toxic Chemicals	No						
NTP/IARC/OSHA/ACGIH Carcinogen	No						
California Proposition 65	No						
MA/PA/NJ Hazardous	No						

SARA SECTION 311/312 CATEGORIES	
- Acute	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
- Chronic	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
- Fire	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
- Sudden Release of Pressure	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
- Reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

	NFPA RATING	HMIS RATING
Health	1	1
Flammability	0	0
Reactivity	0	0

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