

# Safety Data Sheet

B-289

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** .....B-289

**MANUFACTURER'S NAME:** .....International Chemtex Corporation

**MANUFACTURER'S ADDRESS:** .....8287 214<sup>th</sup> Street West, Lakeville, MN 55044

**MANUFACTURER'S PHONE:** .....952-469-4965

**EMERGENCY PHONE NUMBER:** .....(800) 424-9300 CHEMTREC

**PRODUCT USE:** .....This product is designed for use in industrial, commercial or institutional water treatment systems. This product is not for use in potable water systems.

## 2 – HAZARDS IDENTIFICATION

**SIGNAL WORD:** DANGER

**POTENTIAL HEALTH EFFECTS:**



H317: May cause an allergic skin reaction



H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

**PRECAUTIONARY STATEMENTS:**

P260: Do not breathe dust/fume/gas/mist/vapours/spray

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash thoroughly after handling.

P402+404: Store in a dry place. Store in a closed container.

P403+404: Store in a well ventilated place. Keep cool.

P321: Specific treatment (see First Aid Measures on Safety Data Sheet).

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER
Sodium Sulfite	97	7757-83-7
Sodium Sulfate	<3	7757-82-6

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## 4 – FIRST-AID MEASURES

- EYES:**.....Flush eyes with abundant water for 15 minutes. Consult a physician.
- SKIN (DERMAL):** .....Promptly remove contaminated clothes. Wash skin with soap and water. If irritation persists, consult a physician.
- SWALLOWING (INGESTION):**.....If ingested, immediately rinse mouth with water and give 1 glass of water to drink, do not induce vomiting unless directed by medical personnel, get immediate medical attention.
- BREATHING (INHALATION):**.....In case of discomfort from dusts or vapors, move to a well ventilated area. Get immediate medical attention if signs of suffocation, irritation or other symptoms develop.

## 5 – FIRE-FIGHTING MEASURES

- EXTINGUISHING MEDIA:** .....Material is not flammable
- HAZARDOUS DECOMPOSITION PRODUCTS:**.....Sulfur dioxide and sodium sulfide residue. Sodium sulfide is flammable, a dangerous fire risk, a strong irritant to skin and tissue, and is incompatible with acids.
- SPECIAL FIREFIGHTING PROCEDURES:** .....Wear NIOSH-approved self-contained breathing apparatus. Use water spray to keep containers cool and to knock down vapors or gases.
- UNUSUAL FIRE AND EXPLOSION DATA:** .....Releases toxic and irritating sulfur oxides at fire temperatures.

## 6 – ACCIDENTAL RELEASE MEASURES

- LEAK AND SPILL PROCEDURES:** .....Use specified protective equipment, see section 8. Promptly sweep up material with minimum dusting, put into an empty container with a cover. Rinse area with plenty of water. Provide ventilation to clear area of dust fumes.
- WASTE DISPOSAL:** .....Dispose of contaminated product via an approved chemical waste disposal firm and in accordance with all federal, state and local regulations.

## 7 – HANDLING and STORAGE

- HANDLING PROCEDURES AND EQUIPMENT:**.....Handle an open container with care. See section 8 of SDS for personal protection equipment. Avoid all skin contact and wash thoroughly after handling.
- STORAGE REQUIREMENTS:**.....Store in a tightly sealed container in a cool, dry and well-ventilated area away from acids and strong oxidizing agents.
- SPECIAL CONSIDERATIONS:** .....None

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## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:**.....Local exhaust if dusty conditions exist or there is a release of sulfur dioxide gas.  
**RESPIRATORY PROTECTION:**.....Use NIOSH-approved respirators for dust, mist and/or sulfur dioxide gas, as conditions indicate.  
**PROTECTIVE GLOVES:** .....Chemical gloves (neoprene, nitrile, PVC, natural rubber).  
**EYE PROTECTION:** .....Safety goggles  
**ADDITIONAL MEASURES:** .....Wear suitable chemical resistant protective clothing.

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**PHYSICAL STATE:**.....Crystals or powder  
**BOILING POINT:** .....NA  
**FLASHPOINT:** .....NA  
**AUTOIGNITION TEMP:** .....NA  
**UPPER EXPLOSION LIMIT (% BY VOL):** .....NA  
**LOWER EXPLOSION LIMIT (% BY VOL):** .....NA  
**VAPOR PRESSURE:** .....NA  
**VAPOR DENSITY (air=1):** .....NA  
**EVAPORATION RATE:** .....NA  
**SOLUBILITY IN WATER:** .....Complete  
**VOLATILITY INCLUDING WATER:** .....NA  
**pH:**.....NA  
**SPECIFIC GRAVITY:**.....NA  
**ODOR:**.....Odorless  
**APPEARANCE:**.....White Powder

## 10 – STABILITY and REACTIVITY

**CHEMICAL STABILITY:**.....Stable  
**HAZARDOUS POLYMERIZATION:** .....Will not occur  
**INCOMPATIBLE MATERIALS:** .....Strong oxidizers: Causes vigorous exothermic reactions.  
Acids: Releases sulfur dioxide gas.  
**HAZARDOUS DECOMPOSITION PRODUCTS:**.....None known

## 11 – TOXICOLOGICAL INFORMATION

**ROUTES OF ENTRY:**  
**BY EYE CONTACT:**.....Dust may irritate or burn eyes.  
**BY SKIN CONTACT:** .....Dust may irritate or burn from prolonged contact.  
**BY SKIN ABSORPTION:**.....NA  
**BY INHALATION:** .....Dust may irritate the respiratory tract. May cause severe or deadly allergic reactions in some asthmatics and sulfite sensitive individuals. Possible signs and symptoms of allergic reactions include bronchoconstriction, sweating, flushing, hives, rapid heart rate, decreased blood pressure, and anaphylaxis.

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**BY INGESTION:**.....May irritate the gastrointestinal tract. Estimated to be moderately toxic. May cause severe allergic reactions in some asthmatics.

**THRESHOLD LIMIT VALUE (UNITS):** .....NE

**ACUTE OVER EXPOSURE EFFECTS:** .....NA

**CHRONIC OVER EXPOSURE EFFECTS:** .....NE

**CARCINOGENIC ACCORDING TO THE FOLLOWING:**

**NTP?** .....No

**IARC MONOGRAPHS?** .....No

**OSHA REGULATED** .....No

## 12 – ECOLOGICAL INFORMATION

Sodium Sulfite:

Daphnia magna LC<sub>50</sub> 48 hr s= 440 mg/l

Western Mosquitofish 96 hrs LC<sub>50</sub> = 460 mg/l

Biological Oxygen Demand (BOD) = 0.12 lb/lb, instantaneous

Sodium Sulfate:

Daphnia magna LC<sub>50</sub> 48 hrs = 2,564 mg/l

Western Mosquitofish 96 hrs LC<sub>50</sub> = 3,710 mg/l

Not classified as hazardous to aquatic organisms

## 13 –DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules).

## 14 – TRANSPORTATION INFORMATION

**DOT (Department of Transportation)**

**UN NUMBER:** .....NA

**DOT SHIPPING NAME:** .....Non-hazardous

**HAZARD CLASS:** .....NA

**PACKAGING GROUP:** .....NA

**LABEL REQUIRED:**.....Non Corrossive

## 15 – REGULATORY INFORMATION

**TSCA STATUS:** .....ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA INVENTORY OR EXEMPT.

### SUPERFUND AMMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III

**Ingredients covered under the following sections:**

**CERCLA HAZARDOUS SUBSTANCE:** .....NA

**SARA Toxic Chemical – SECTION 313 :** .....None

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## 16 – OTHER INFORMATION

<b>HEALTH</b>	2
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0

### HMIS Rating Scale:

0=Minimal

1=Slight

2=Moderate

3=Serious

4=Severe

PREPARED BY.....MR  
DATE OF PREPERATION .....4/30/15  
DATE OF LAST REVISION.....11/5/13  
PHONE NUMBER OF PREPARER.....952-469-4965

### DISCLAIMER:

The above information and recommendations are accurate to the best of our knowledge. However, the company assumes no liability for the accuracy or completeness of the information contained herein and disclaims all liability for the reliance thereon. All chemicals present unknown health hazards and should be used with caution. The user should satisfy himself by independent investigation that he has all current data relevant to his particular use.

UN – Unavailable NA – Not Applicable NE – Not Established