

Safety Data Sheet

B-288

1 – PRODUCT IDENTIFICATION

PRODUCT NAME:B-288

MANUFACTURER'S NAME:International Chemtex Corporation

MANUFACTURER'S ADDRESS:8287 214th 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

Sodium Sulfite

Sodium Sulfate

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PERCENT

90-100

<3

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CAS NUMBER

7757-83-7

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:NE
FLASHPOINT:NE
AUTOIGNITION TEMP:NA
UPPER EXPLOSION LIMIT (% BY VOL):NA
LOWER EXPLOSION LIMIT (% BY VOL):NA
VAPOR PRESSURE:NE
VAPOR DENSITY (air=1):NE
EVAPORATION RATE:NE
SOLUBILITY IN WATER:Complete
VOLATILITY INCLUDING WATER:NE
pH:.....NA
SPECIFIC GRAVITY:.....NA
ODOR:.....Odorless
APPEARANCE:.....Grey-Brown 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

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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.
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:Eye irritant.
CHRONIC OVER EXPOSURE EFFECTS:NE

CARCINOGENIC ACCORDING TO THE FOLLOWING:

NTP?No
IARC MONOGRAPHS?No
OSHA REGULATEDNo

12 – ECOLOGICAL INFORMATION

Sodium Sulfite:
Daphnia magna LC50 48 hr s= 440 mg/l
Western Mosquitofish 96 hrs LC50 = 460 mg/l
Biological Oxygen Demand (BOD) = 0.12 lb/lb, instantaneous

Sodium Sulfate:
Daphnia magna LC50 48 hrs = 2,564 mg/l
Western Mosquitofish 96 hrs LC50 = 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:NOT REGULATED
DOT SHIPPING NAME:Non-hazardous
HAZARD CLASS:NOT REGULATED
PACKAGING GROUP:NOT REGULATED
LABEL REQUIRED:.....Non Corrossive

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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:None

SARA Toxic Chemical – SECTION 313 :None

16 – OTHER INFORMATION

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

HMIS Rating Scale:

- 0=Minimal
- 1=Slight
- 2=Moderate
- 3=Serious
- 4=Severe

PREPARED BY.....MR
DATE OF PREPERATION6/4/15
DATE OF LAST REVISION.....8/1/96
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