

Safety Data Sheet

B-2324

1 – PRODUCT IDENTIFICATION

PRODUCT NAME:B-2324

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:



H315: Causes skin irritation

H302: Harmful if swallowed

H335: May cause respiratory irritation

H227: Combustible liquid



H318: Causes serious eye damage

PRECAUTIONARY STATEMENTS:

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).

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

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3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER
Morpholine	30-40	110-91-8

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, give water. DO NOT induce vomiting. Call a physician.
BREATHING (INHALATION):	In case of discomfort by vapors or dusts, move to a ventilated area. Call a physician.

5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	Water Spray, Foam, Dry Chemical or CO ₂
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition products include carbon monoxide, carbon dioxide, nitrogen compounds and formaldehyde.
SPECIAL FIREFIGHTING PROCEDURES:	Wear full protective suit with self contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION DATA:	Vapors may be heavier than air

6 – ACCIDENTAL RELEASE MEASURES

LEAK AND SPILL PROCEDURES:	Use specified protective equipment (see section8). Eliminate all sources of ignition. Contain and absorb with inert material. Sweep up spill and reclaim or place in a covered waste disposal container. Wash area with water.
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 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 all sources of heat and ignition.
SPECIAL CONSIDERATIONS:	None

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8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:.....Local and mechanical exhaust recommended
RESPIRATORY PROTECTION:.....Respiratory devices approved by NIOSH/MSHA for vapors.
PROTECTIVE GLOVES:Chemical resistant gloves (neoprene, nitrile, PVC, natural rubber).
EYE PROTECTION:Face shield with chemical splash goggles.
ADDITIONAL MEASURES:Wear suitable chemical resistant protective clothing.

9 – PHYSICAL / CHEMICAL PROPERTIES

PHYSICAL STATE:.....Liquid
BOILING POINT:NE
FLASHPOINT:NE
AUTOIGNITION TEMP:NE
UPPER EXPLOSION LIMIT (% BY VOL):NE
LOWER EXPLOSION LIMIT (% BY VOL):NE
VAPOR PRESSURE:NE
VAPOR DENSITY (air=1):NE
EVAPORATION RATE:NE
SOLUBILITY IN WATER:Complete
VOLATILITY INCLUDING WATER:NE
pH:.....11-13
SPECIFIC GRAVITY:.....1.00-1.04
ODOR:.....Strong amine odor
APPEARANCE:.....Clear - Amber

10 – STABILITY and REACTIVITY

CHEMICAL STABILITY:.....Stable
HAZARDOUS POLYMERIZATION:Will not occur
INCOMPATIBLE MATERIALS:Avoid strong acids, strong oxidizers and hlogenated hydrocarbons.
HAZARDOUS DECOMPOSITION PRODUCTS:.....Keep away from sources of ignition - no smoking.

11 – TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:
BY EYE CONTACT:.....Possible
BY SKIN CONTACT:Possible
BY SKIN ABSORPTION:.....Possible
BY INHALATION:Possible
BY INGESTION:.....Possible

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THRESHOLD LIMIT VALUE (UNITS):NE

ACUTE OVER EXPOSURE EFFECTS:Eye irritant. Risk of serious damage to eyes. May cause blindness. Skin irritant. Lung irritant.

CHRONIC OVER EXPOSURE EFFECTS:NE

CARCINOGENIC ACCORDING TO THE FOLLOWING:

NTP?No

IARC MONOGRAPHS?No

OSHA REGULATEDNo

12 – ECOLOGICAL INFORMATION

None available

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-hazardous

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

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16 – OTHER INFORMATION

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

HMIS Rating Scale:

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

PREPARED BY.....MR
DATE OF PREPERATION5/8/15
DATE OF LAST REVISION.....7/2/14
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