

Safety Data Sheet

AA-4015

1 – PRODUCT IDENTIFICATION

PRODUCT NAME:AA-4015

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:



H314: Causes severe skin burns and eye damage

.....



H311: Toxic in contact with skin

H317: May cause an allergic skin reaction

H302: Harmful if swallowed

H331: Toxic if inhaled

.....



H411: Toxic to aquatic life with long lasting effects

Safety Data Sheet

AA-4015

PRECAUTIONARY STATEMENTS:

P285: In case of inadequate ventilation wear respiratory protection

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).

P273: Avoid release to the environment

3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER
5-Chloro-2-methyl-4-isothiazolin-3-one	1.00-1.20	26172-55-4
2-Methyl-4-isothiazolin-3-one	0.40-0.45	2682-20-4
Cupric nitrate	0.15-0.17	10031-43-3

4 – FIRST-AID MEASURES

EYES:.....IMMEDIATELY flush eyes with large amounts of water for at least 15 minutes. Get prompt medical attention.

SKIN (DERMAL):IMMEDIATELY get under a safety shower. Wash affected skin areas thoroughly with soap and water. Remove and wash contaminated clothing thoroughly. Do not take clothing home to be laundered. Discard contaminated shoes, belts and other articles made of leather. Get prompt medical attention.

SWALLOWING (INGESTION):.....Never give anything by mouth to an unconscious person. Get prompt medical attention.

BREATHING (INHALATION):.....If inhaled move subject to fresh air. Give artificial respiration if breathing has stopped.

5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:Non-combustible

HAZARDOUS DECOMPOSITION PRODUCTS:.....Combustion generates toxic fumes of the following:
Hydrogen chloride, nitrogen oxides, and sulfur oxides.

SPECIAL FIREFIGHTING PROCEDURES:Wear breathing apparatus (MSHA/NIOSH-approved, pressure demand, self contained or equivalent) and full protective clothing. Use water spray to cool containers. Contain run-off.

UNUSUAL FIRE AND EXPLOSION DATA:None

Safety Data Sheet

AA-4015

6 – ACCIDENTAL RELEASE MEASURES

LEAK AND SPILL PROCEDURES:Wear protective clothing, splashproof goggles and impervious overshoes. CAUTION: Keep spills out of municipal sewers and open bodies of water. Dike and absorb spill with inert material (dry earth, sand). Shovel all contaminated solids into corrosion proof drums. Seal drums. Decontaminate spill area with a solution of 10% sodium bisulfite in water. Rinse decontaminating solution to a chemical sewer after standing for 30 minutes.

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. Keep from freezing if at all possible.

SPECIAL CONSIDERATIONS:None

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:**Local Exhaust:** Adequate
Mechanical Exhaust: At point of contaminant release

RESPIRATORY PROTECTION:MSHA/NIOSH approved respirator if airborne concentrations exceed the TWA/TLV's listed.

PROTECTIVE GLOVES:Wear suitable gloves.

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:212°F

FLASHPOINT:None

AUTOIGNITION TEMP:NA

UPPER EXPLOSION LIMIT (% BY VOL):NA

LOWER EXPLOSION LIMIT (% BY VOL):NA

VAPOR PRESSURE:17mmHg

VAPOR DENSITY (air=1):0.62 EST

EVAPORATION RATE:1

SOLUBILITY IN WATER:Complete

VOLATILITY INCLUDING WATER:95-96 Water

Safety Data Sheet

AA-4015

pH:.....3-5.5
SPECIFIC GRAVITY:.....NE
ODOR:.....Characteristic odor
APPEARANCE:.....Light Blue - Green

10 – STABILITY and REACTIVITY

CHEMICAL STABILITY:.....Stable
HAZARDOUS POLYMERIZATION:Will not occur
INCOMPATIBLE MATERIALS:Oxidizing agents, reducing agents, amines, and mercaptans
HAZARDOUS DECOMPOSITION PRODUCTS:.....NA

11 – TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:

BY EYE CONTACT:.....Possible
BY SKIN CONTACT:Possible
BY SKIN ABSORPTION:Possible
BY INHALATION:Possible
BY INGESTION:.....Possible

THRESHOLD LIMIT VALUE (UNITS):NE

ACUTE OVER EXPOSURE EFFECTS:Corrosive to eyes; may cause permanent, irreversible eye damage. Corrosive to skin; causes burns. Effects may be delayed for hours. Harmful if absorbed through the skin. Inhalation of vapor or mist can cause irritation of nose, throat and lungs. Harmful if swallowed.

CHRONIC OVER EXPOSURE EFFECTS:Substance can cause allergic skin reaction

CARCINOGENIC ACCORDING TO THE FOLLOWING:

NTP?No
IARC MONOGRAPHS?No
OSHA REGULATED.....No

12 – ECOLOGICAL INFORMATION

Toxicity (5-Chloro-2-methyl-4-isothiazolin-3-one)

Toxicity to fish: LC50 Oncorhynchus mykiss (rainbow trout) 96 h 0.19 mg/L Active ingredient
LC50 Lepomis macrochirus (Bluegill sunfish) 96 h 0.28 mg/L Active ingredient
Toxicity to aquatic invertebrates: EC50 Daphnia magna 48 h 0.16 mg/L Active ingredient
Toxicity to Algae: EC50 Marine algae (Skeletonema costatum) 0.003 mg/l Active ingredient
EC50 algae (Selenastru capricornutum) 0.018 mg/L Active ingredient

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).

Safety Data Sheet

AA-4015

14 – TRANSPORTATION INFORMATION

DOT (Department of Transportation)

UN NUMBER:UN3265

DOT SHIPPING NAME:Corrosive Liquid, Acidic, Organic, n.o.s. (5-Chloro-2-methyl-4-isothiazolin-3-one)

HAZARD CLASS:8

PACKAGING GROUP:II

LABEL REQUIRED:.....Corrosive

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:Cupric nitrate

SARA Toxic Chemical – SECTION 313 :Cupric nitrate

16 – OTHER INFORMATION

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0

HMIS Rating Scale:

0=Minimal

1=Slight

2=Moderate

3=Serious

4=Severe

PREPARED BY.....MR

DATE OF PREPERATION4/29/15

DATE OF LAST REVISION.....10/31/11

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