

HarChem

H₂O

Water Services

PO Box 310, Muldrow, OK 74948

SAFETY DATA SHEET

HC-110

SECTION 1: IDENTIFICATION

MANUFACTURER/DISTRIBUTOR

HarChem Water Services

1955 S Caddo St.

Muldrow, OK 74948

Emergency Telephone Number:

479-434-0618 24 hours everyday

918-427-0777

Chemtec 1-(800)-262-8200

SECTION 2: HAZARD IDENTIFICATION

PICTOGRAM REPRESENTATION:



HAZARD STATEMENTS: Causes burns and eye damage.

HAZARD CLASSIFICATION:

Primary Eye Irritation: Category I

Acute Dermal Toxicity: Category III

Acute Inhalation Toxicity: Category I

Acute Oral Toxicity: Category I

POTENTIAL HEALTH EFFECTS:

EYES: Eye contact with product may cause burns, tissue destruction, eye damage, and blindness.

SKIN: Skin contact may cause burns, tissue ulceration, skin damage. Effects may be delayed.

INGESTION: Ingestion may cause diarrhea, vomiting, burns, tissues ulceration, internal bleeding, and even death.

INHALATION: Inhalation may cause irritation, nausea, headache, dizziness, pain, decreased breathing capacity, tissue destruction, internal bleeding, lung damage, damage to respiratory system, chemical pneumonia, aspiration (breathing) of liquid, mist, or vomitus (vomit) into lungs can cause aspiration (chemical) pneumonia, hemorrhaging (bleeding), lung damage, and even death. Symptoms of aspiration pneumonia include coughing, labored breathing and bluish skin.

TARGET ORGANS AFFECTED: Over exposure may cause damage to, disorders of, or adversely affect the following systems, function, organs: destruction of all body tissues.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

| <u>Ingredients</u> | <u>CAS#</u> | <u>% (by weight)</u> |
|-----------------------|-------------|----------------------|
| Water | 7789-20-0 | 1-80 |
| Acumer 1000 | | 1-10 |
| Belclene 400 | 110224-99-2 | 1-10 |
| TKPP | 7320-34-5 | 1-10 |
| Sodium Lingosulfonate | 9009-75-0 | 1-10 |

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

SKIN: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing before reuse. Discard contaminated shoes and contaminated leather articles. Call a physician.

INGESTION: Do not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call a physician immediately.

INHALATION: Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A

AUTOIGNITION: N/A

EXTINGUISHING MEDIA: Water fog, foam, carbon dioxide, dry chemical, media appropriate for surrounding fire.

FIRE / EXPLOSION HAZARDS: N/A

FIRE FIGHTING PROCEDURES: Not considered a fire hazard. Prevent human exposure to fire, fumes, and products of combustion. Evacuate non essential personnel.

Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing. Do not use a direct stream of water.

NFPA 704 - Hazard Identification Ratings (Scale 0-4): Health:2 Fire: 1 Reactivity:1 Other: CORR

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE: Evacuate non essential personnel, eliminate ignition sources, and wear protective equipment. Shut off source of leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non sparking tools. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required notify state and local authorities.

SECTION 7: HANDLING AND STORAGE

HANDLING: Keep away from water or acid. For industrial use only. When diluting, add product slowly to water with agitation. Heat is generated upon dilution of water. Addition of water can cause violent splashing. **ATTENTION:** This container is hazardous when emptied. Since emptied container contains product residues (vapor or liquid), all labeled hazard precautions must be observed.

STORAGE: Keep container closed when not in use. Store in a cool dry place. Product can cause corrosion of iron and steel at elevated temperatures. Keep out of the reach of children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

THRESHOLD LIMIT VALUES: N/A

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Goggles or face shield.

SKIN: Impervious glove, and apron.

RESPIRATORY: NIOSH/MSHA respirator.

VENTILATION: Adequate ventilation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Mild

APPEARANCE: Brown colored liquid

PERCENT VOLATILE: N/D

VAPOR PRESSURE: (MM HG.) >OR=6.300 @ 104 deg. F

VAPOR DENSITY: (AIR=1): N/D

BOILING POINT: N/A

MELTING POINT: N/A

SPECIFIC GRAVITY: N/A

pH: aqueous approx. 4.1

SECTION 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Contact with strong oxidizing agents.

STABILITY: Stable

POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

MATERIALS TO AVOID: Contact with strong oxidizing agents.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenic References:

SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate: N/A

Environmental Toxicity: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Solids must be disposed of in a permitted hazardous waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted hazardous waste management facility. Dispose of material in accordance with all Federal, State, and local regulations. Local regulations may be more stringent than Federal or State.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

DOT LABELLING REQUIREMENTS: CORROSIVE

International Air Transport Association:

UN: N/A

SECTION 15: REGULATORY INFORMATION

NSF INFORMATION: N/A

MAXIMUM USE LEVEL: N/A

SECTION 16: OTHER INFORMATION

Date of Preparation: 05/25/08

Last Revision: 01/23/13