

HarChem

H₂O

Water Services

PO Box 310, Muldrow, OK 74948

SAFETY DATA SHEET

HM-320

SECTION 1: IDENTIFICATION

MANUFACTURER/DISTRIBUTOR

HarChem Water Services

P.O. Box 310

Muldrow, OK 74948

Emergency Telephone Number:

479-806-0266 24 hours everyday

918-427-0777

Chemtec 1-(800)-262-8200

RECOMMENDED USES: Biofouling and slime control

SECTION 2: HAZARD IDENTIFICATION

<u>Ingredient (s)</u>	<u>CAS#</u>	<u>% (by weight)</u>
Peroxyacetic Acid	79-21-0	15-20
Hydrogen Peroxide	7722-84-1	5-10
Inert ingredients		60-75

HAZARD STATEMENTS: Corrosive, causes eye and skin damage. Harmful if swallowed. Do not get in the eyes, on skin or on clothing.

PICTOGRAM REPRESENTATION:



HAZARD CLASSIFICATION: Skin Irritation: Category II

Eye Irritation: Category I

SIGNAL WORD(IF APPLICABLE):Corrosive

POTENTIAL HEALTH EFFECTS: EYES: Can cause severe eye irritation.

POTENTIAL HEALTH EFFECTS: SKIN: Can cause severe skin irritation.

POTENTIAL HEALTH EFFECTS: INGESTION: Can cause irritation of the digestive tract.

POTENTIAL HEALTH EFFECTS: INHALATION: Can cause respiratory irritation.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

MOLECULAR FORMULA: N/A

MOLECULAR WEIGHT: N/A

GENERAL USE: Bifouling and slime control.

SECTION 4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

SKIN: Remove contaminated clothing. Wash exposed area with soap and water for 15-20 minutes. If irritation persists, seek medical attention.

INGESTION: Call poison control center or doctor for treatment advice. Have person sip on glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person. Call poison control center or doctor or treatment advice.

INHALATION: Remove to fresh air. If person is not breathing call 911 or an ambulance. Then give artificial respiration, preferably mouth to mouth if possible

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A

AUTOIGNITION: N/A

EXTINGUISHING MEDIA: Carbon dioxide. Foam, dry chemical, water spray

FIRE / EXPLOSION HAZARDS: Decomposition and combustion products may be toxic.

FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus

NFPA Hazard Codes:

Health: 3

Fire:1

Reactivity: 1

Other: Corrosive

SECTION 6: ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Stop leak if this can be done without risk. Shut off ignition sources, no flames, smoking, flares or spark producing tools. Keep combustible and organic materials away. Flush spilled materials with large quantities of water. Undiluted material should not enter confined space.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid all contaminants. In case of decomposition isolate container, douse container with cool water and dilute with large volumes of water. Avoid damage to container..

STORAGE: Keep container closed when not in use. Store in a cool, dry, well ventilated place away from incompatible materials and direct sunlight.. Store at temperatures below 86 degrees. Do not store on wooden pallets

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA'S PERMISSIBLE EXPOSURE LIMITS: OSHA, ACGIH and NIOSH have not developed PEL's for this product.

THRESHOLD LIMIT VALUES: N/A

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Wear chemical resistant glasses or goggles.

SKIN: Use impervious gloves

RESPIRATORY: Use proper respiratory equipment

PROTECTIVE CLOTHING: Chemical resistant apron or coveralls and chemical resistant gloves.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Sharp, pungent, vinegar like odor

APPEARANCE: colorless liquid

VAPOR PRESSURE: 22 mm Hg @ 20° C

VAPOR DENSITY: Not applicable

BOILING POINT: 109°C (228°F)

MELTING POINT: -49°C (-56°F)

SECTION 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Open flames, elevated temperatures, any source of heat, combustibles such as paper and wood and contamination. For quality purposes, avoid temperatures above 86°F. Higher temperatures will accelerate decomposition resulting in a loss of assay.

STABILITY: Stable (contamination or heat could initiate decomposition)

POLYMERIZATION: Will not occur.

MATERIALS TO AVOID: Dirt, alkali (caustic) reducing agents, oxidizing agents, organics and heavy metals such as iron, copper, chromium, nickel, aluminum and cobalt.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenic References: not considered carcinogenic, IARC, NTP and OSHA.

SECTION 12. ECOLOGICAL INFORMATION

5% Peracetic Acid

Environmental Fate: No information found. Peracetic acid is completely miscible with water. Aqueous solutions of Peracetic acid hydrolyze to acetic acid and hydrogen peroxide.

Environmental Toxicity: No information found

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Discharge as hazardous waste into suitable treatment system in accordance with local, state and federal governmental agencies.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

DOT LABELLING REQUIREMENTS: 5.2 (Organic peroxide), Subsidiary risk: 8 (corrosive)

SECTION 15: REGULATORY INFORMATION

Proper Shipping Name: Organic Peroxide Type F, liquid (<=17% Peracetic Acid with <=26% Hydrogen Peroxide)

SECTION 16: OTHER INFORMATION

Date of Preparation: 05/25/08

Last Revision: 12/18/14