

HarChem

H₂O

Water Services

PO Box 310, Muldrow, OK 74948

SAFETY DATA SHEET

HIM-001

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: Cooling Water Biocide

SECTION 2: HAZARD IDENTIFICATION

Ingredient (s)	CAS#	% (by weight)
Sodium Hypochlorite Solution 6%	7681-52-9	1.09
Water	7789-20-0	

HAZARD STATEMENTS: CORROSIVE. May cause target organ damage. Is a irritant.

PICTOGRAM REPRESENTATION:



HAZARD CLASSIFICATION:

Eye Irritation: Category III

Skin Irritation: Category III

Acute Oral Toxicity: Category II

Acute Inhalation Toxicity: Category III

SIGNAL WORD (IF APPLICABLE): CORROSIVE

POTENTIAL HEALTH EFFECTS: EYES: Causes substantial but temporary eye injury.

POTENTIAL HEALTH EFFECTS: SKIN: Causes severe irritation of skin.

POTENTIAL HEALTH EFFECTS: INGESTION: Harmful if swallowed.

POTENTIAL HEALTH EFFECTS: INHALATION: Harmful if inhaled. May cause bronchial infection, coughing, labored breathing, nausea, and pulmonary edema, if excessive inhalation occurs.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

MOLECULAR FORMULA: NaClO
MOLECULAR WEIGHT: 74.44217 g/mol
GENERAL USE: Cooling Water Biocide

SECTION 4. FIRST AID MEASURES

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek medical aid.

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

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: Information not available.

AUTOIGNITION: N/A

EXTINGUISHING MEDIA: Any means suitable for extinguishing surrounding fire.

FIRE / EXPLOSION HAZARDS: Releases oxygen in a fire which may increase severity of surrounding fire to rupture container. Not considered to be an explosive hazard.

FIRE FIGHTING PROCEDURES: Use any means suitable for extinguishing surrounding fire. Use water spray to cool fire exposed containers.

NFPA Hazard Codes: Health: 3 Fire: 0 Reactivity: 1 Other: CORR

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal equipment as specified in Section 8.

Environmental Precautions: Dispose of in a manner consistent with federal, state, and local regulations. Ventilate area of leak or spill. Remove all sources of ignition. Contain and recover liquid when possible. Absorb with an inert material (e.g., vermiculite, dry sand, Earth), and place in a chemical waste container. Do not flush to sewer!!!! If a leak or spill has not ignited, use water spray to disperse vapors.

SECTION 7: HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling.

STORAGE: Store in a cool, dry, well ventilated place away from incompatible materials.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Splash goggles

RESPIRATORY: Chlorine Cartridge

VENTILATION: Local exhaust

PROTECTIVE CLOTHING: NIOSH Approved gloves. Wear appropriate clothing to prevent skin exposure.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Bleach

APPEARANCE: Clear yellow
PERCENT VOLATILE: >99
VAPOR PRESSURE: 18 mm Hg @ 20 C
VAPOR DENSITY: Information not available
BOILING POINT: 100 C
MELTING POINT: 0 C

SECTION 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Sunlight and air

STABILITY: Stable

POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine gas and hydrogen chloride fumes.

MATERIALS TO AVOID: Acids, amines, ammonia, salts, methanol, cellulose.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenic References: NTP Carcinogen-Known, No, IARC Category-3 (Sodium Hypochlorite)

SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate: No information found

Environmental Toxicity: No information found

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dilute with water and flush to sewer if local ordinances allow, otherwise, whatever cannot be saved for recovery or recycling should be managed in an appropriate waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

DOT Classification: Hypochlorite solutions, 8, UN1791, PG 111

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15: REGULATORY INFORMATION

Chemical Inventory Status-

Part 1: Ingredient

Sodium Hypochlorite (as NaOCl) (7681-52-9)

TSCA: Yes

EC: Yes

SECTION 16: OTHER INFORMATION

Date of Preparation: 05/25/08

Last Revision: 01/23/14