

# HarChem

H<sub>2</sub>O

## Water Services

PO Box 310, Muldrow, OK 74948

---

### SAFETY DATA SHEET

## HP-006

#### 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: Phosphate Corrosion Inhibitor

---

#### SECTION 2: HAZARD IDENTIFICATION

Ingredient (s)	CAS#	% (by weight)
Sodium Hexametaphosphate	68915-31-1	1-10
Sodium Tripolyphosphate	7758-29-4	1-10
Water	7789-20-0	50-90

HAZARD STATEMENTS: May cause respiratory tract irritation. May cause eye and skin irritation.

PICTOGRAM REPRESENTATION:



HAZARD CLASSIFICATION:

Acute Oral Toxicity: Category III

Acute Inhalation Toxicity: Category III

Skin Irritation: Category II

Eye Irritation: Category III

SIGNAL WORD( IF APPLICABLE): Harmful

POTENTIAL HEALTH EFFECTS: EYES: Causes substantial eye injury

POTENTIAL HEALTH EFFECTS: SKIN: Causes severe Irritation with blistering and eczema

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: N/A  
MOLECULAR WEIGHT: N/A  
GENERAL USE: Phosphate Corrosion Inhibitor

---

#### **SECTION 4. FIRST AID MEASURES**

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

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

**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.

---

#### **SECTION 5: FIRE-FIGHTING MEASURES**

FLASH POINT: N/A

AUTOIGNITION: N/A

EXTINGUISHING MEDIA: Any means suitable for extinguishing surrounding fire.

FIRE / EXPLOSION HAZARDS: Not considered to be an explosion 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: None**

---

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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. Avoid all skin contact.

STORAGE: Keep container closed when not in use. Store in a cool, dry, well ventilated place away from incompatible materials and direct sunlight.. Use corrosion resistant materials for the storage container.

---

#### **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: Chlorine cartridge

VENTILATION: None required.

PROTECTIVE CLOTHING: NIOSH approved gloves; wear appropriate clothing to prevent skin exposure.

---

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

ODOR: bleach  
APPEARANCE: clear yellow liquid  
PERCENT VOLATILE: >99%  
VAPOR PRESSURE: 18 mm Hg @ 20° C  
VAPOR DENSITY: Not applicable  
BOILING POINT: ~100° C  
MELTING POINT: 550° 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 and approved 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 LABELLING REQUIREMENTS: Sodium Hypochlorite, 8 UN1791, PG 111

International Air Transport Association:

UN:

---

## SECTION 15: REGULATORY INFORMATION

US Federal Regulation:

Hexametaphosphate 68915-31-1

---

**SECTION 16: OTHER INFORMATION**

Date of Preparation: 05/25/08

Last Revision: 12/23/14