

# HarChem

H<sub>2</sub>O

## Water Services

PO Box 310, Muldrow, OK 74948

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### SAFETY DATA SHEET

## HC-728

#### 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:

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#### SECTION 2: HAZARD IDENTIFICATION

Ingredient (s)	CAS#	% (by weight)
Sodium Hexametaphosphate	68915-31-1	50-90
Water	7732-18-2	50-100

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

PICTOGRAM REPRESENTATION:



HAZARD CLASSIFICATION:

Skin Irritation: Category IV

Acute Oral Toxicity: Category III

Eye Irritation: Category IV

Acute Inhalation Toxicity: Category III

SIGNAL WORD( IF APPLICABLE): Irritant

POTENTIAL HEALTH EFFECTS: EYES: May cause irritation

POTENTIAL HEALTH EFFECTS: SKIN: This product can cause slight irritation of the skin, especially after prolonged exposure. Symptoms are generally alleviated when the exposure ceases.

POTENTIAL HEALTH EFFECTS: INGESTION: May cause irritation to the esophageal tract.

POTENTIAL HEALTH EFFECTS: INHALATION: May cause respiratory tract irritation

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#### SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

MOLECULAR FORMULA: Na<sub>2</sub>OP<sub>2</sub>O<sub>5</sub>  
MOLECULAR WEIGHT: 611.770386 g/mol  
GENERAL USE:

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#### **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. Inhalation of the dust may cause coughing and sneezing.

SKIN: Remove contaminated clothing. Wash exposed area with soap and water. Prolonged contact with dry material may cause drying or chapping skin. . 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 breathing difficulty or discomfort occurs and persists, obtain medical attention.

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

FLASH POINT: N/A

AUTOIGNITION: N/A

EXTINGUISHING MEDIA: Non-combustible. No special requirement.

FIRE / EXPLOSION HAZARDS: Not considered to be an explosion hazard.

FIRE FIGHTING PROCEDURES: As a general precaution, firefighters, and other exposed, wear self-contained breathing apparatus.

**NFPA Hazard Codes:**                      **Health: 1**                      **Fire:0**                      **Reactivity: 0**                      **Other: None**

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

Environmental Precautions: Small Quantities: present no environmental problems.

Large Quantities: As a general precaution, avoid discharge into the environment.

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#### **SECTION 7: HANDLING AND STORAGE**

HANDLING: Good industrial practice in housekeeping and personal hygiene should be followed. Avoid contact with eyes and skin. Wash hands immediately after handling. Remove material from clothing.

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.

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#### **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: None required.

VENTILATION: In case of insufficient ventilation wear suitable respiratory equipment.

PROTECTIVE CLOTHING: None required.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

ODOR: odorless

APPEARANCE: White powder

PERCENT VOLATILE: 0%

VAPOR PRESSURE: 0 mm Hg @ 20° C

VAPOR DENSITY: Not applicable

BOILING POINT: 1500°C or 2732°F

MELTING POINT: 628°C or 1162°F

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**SECTION 10. STABILITY AND REACTIVITY**

CONDITIONS TO AVOID: Excessive moisture.

STABILITY: Avoid high temperatures and incompatible materials.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of phosphorus

MATERIALS TO AVOID: No special material to avoid.

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**SECTION 11. TOXICOLOGICAL INFORMATION**

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

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**SECTION 12. ECOLOGICAL INFORMATION**

Environmental Fate: Inorganic compounds in contact with the soil. Sub surface or surface waters may be taken up by plants and utilized as essential nutrients. Phosphates may also form precipitates, usually with calcium or magnesium. The resultant compounds are insoluble in water and become a part of the soil or sediment. The term biodegradability, as such is not applicable to inorganic compounds.

Environmental Toxicity: 48-hr EC<sub>50</sub> Daphnia mahna >485 mg/l

96-hr LC<sub>50</sub> Rainbow trout .1000 mg/l

96-hr LC<sub>50</sub> Medina & Mysid shrimp >1000 mg/l

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**SECTION 13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: This material when discarded is not a hazardous waste as that term is defined by the U.S. Resource, Conservation and Recovery Act (RCRA), 40 CFR 261. Dry material may be land filled or recycled in accordance with local, state, and federal regulations. Consult your attorney or appropriate regulatory officials for information on such disposal.

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**SECTION 14: TRANSPORT INFORMATION**

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

DOT LABELLING REQUIREMENTS: Not applicable

International Air Transport Association:

UN: not classified

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#### **SECTION 15: REGULATORY INFORMATION**

US Federal Regulation:

Sodium Hexametaphosphate CAS 68915-31-1

Sodium Hexametaphosphate is not listed under SARA Section 302 Extremely Hazardous Substances; Section 313 Toxic Chemical(s).

There are no specific threshold planning quantities for Sodium Hexametaphosphate.

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#### **SECTION 16: OTHER INFORMATION**

Date of Preparation: 05/25/08

Last Revision: 12/29/14