

HarChem

H₂O

Water Services

PO Box 310, Muldrow, OK 74948

SAFETY DATA SHEET

HC-129

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 Tower

SECTION 2: HAZARD IDENTIFICATION

Ingredient (s)	CAS#	% (by weight)
Water	7732-18-5	50-70
HEDP 660	2809-21-4	1-10
PBTC	37971-36-1	1-10
Telomer 4300	97953-25-8	1-10
TT 505	29385-43-1	1-10
Marsperse 22	9009-75-0	1-5
Sodium Hydroxide	1310-73-2	1-20

HAZARD STATEMENTS: Causes irritation to skin and eyes. Do not get into eyes, on skin or on clothing.

PICTOGRAM REPRESENTATION:



HAZARD CLASSIFICATION:

Eye Irritation: Category III

Skin Irritation: Category III

SIGNAL WORD (IF APPLICABLE): Irritant

POTENTIAL HEALTH EFFECTS: EYES: Can cause transient to moderate irritation

POTENTIAL HEALTH EFFECTS: SKIN: Can cause moderate irritation

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

MOLECULAR FORMULA: NA
MOLECULAR WEIGHT: NA
GENERAL USE: Cooling Tower

SECTION 4. FIRST AID MEASURES

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

SKIN: Immediately flush with water for at least 15 minutes. For a large splash, flood body under shower. Call physician.

INGESTION: If swallowed, do not induce vomiting give 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.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: Greater than 230°F

AUTOIGNITION: N/A

EXTINGUISHING MEDIA: This product would not be expected to burn unless all water is boiled away. The remaining organics may be ignitable. Use water to cool containers exposed to fire.

FIRE / EXPLOSION HAZARDS: May evolve NO_x under fire conditions.

FIRE FIGHTING PROCEDURES: This product would not be expected to burn unless all the water is boiled away. The remaining organics may be ignitable. Use water to cool container exposed to fire.

NFPA Hazard Codes:

Health :1

Fire:1

Reactivity: 0

Other: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Dispose of waste material at an approved waste treatment/ disposal facility, in accordance with applicable regulations. Do not dispose of waste with normal garbage or sewer systems.

SECTION 7: HANDLING AND STORAGE

HANDLING: Use smallest possible amount in designated areas with adequate ventilated.

STORAGE: Keep container closed when not in use. Avoid freezing. Do not expose sealed containers to temperatures above 40°C (104°F)

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: Well ventilated area.

VENTILATION: None required.

PROTECTIVE CLOTHING: None required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: odorless

APPEARANCE: Clear to slightly turbid liquid

PERCENT VOLATILE: 0%

VAPOR PRESSURE: 1.5 mm Hg @ 20° C

VAPOR DENSITY: Not applicable

BOILING POINT: 140° C (248° F)

MELTING POINT: Decomposes @ 154-164°C

SECTION 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Stable under conditions of standard temperature and pressure.

STABILITY: Slowly attacks glass at room temperature.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition: sodium oxide fumes.

MATERIALS TO AVOID: Water. Keep away from incompatibles.

SECTION 11. TOXICOLOGICAL INFORMATION

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

SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate: No information found

Environmental Toxicity: No information found

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Do not dispose of waste with normal garbage, or sewer systems.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

DOT LABELLING REQUIREMENTS: Hazard class: 8 Pg: II RQ: 1000lbs

International Air Transport Association:

UN: UN 1824

SECTION 15: REGULATORY INFORMATION

US Federal Regulation:

Sodium hydroxide CAS 1310-73-2

Sodium hydroxide is listed under SARA Section 313 (40 CFR 372) , SARA Section 311/312 (40 CFR 370.2) or CERCLA (40CFR 370.2).

There are specific threshold planning quantities for Sodium Hydroxide: 1000lbs

SECTION 16: OTHER INFORMATION

Date of Preparation: 05/25/08

Last Revision: 12/22/14