

HarChem

H₂O

Water Services

PO Box 310, Muldrow, OK 74948

SAFETY DATA SHEET

HM-315

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: Biocide

SECTION 2: HAZARD IDENTIFICATION

Classification of the chemical

PICTOGRAM REPRESENTATION:



Ingredient (s)	CAS#	% (by weight)
Glutaraldehyde	111-30-8	15-45
Water	7732-18-5	55-85

HAZARD STATEMENTS: May cause allergic reaction.

HAZARD CLASSIFICATION:

Eye Irritation: Category I

Skin Irritation: Category IV

Acute Oral Toxicity: Category III

Acute Inhalation Toxicity: Category III

SIGNAL WORD(IF APPLICABLE): Corrosive

POTENTIAL HEALTH EFFECTS: EYES: Causes irreversible eye damage.

SKIN: Causes skin irritation.

INGESTION: Harmful if swallowed.

INHALATION: Harmful if inhaled. May cause allergic reaction, harmful if absorbed through the skin.

May cause asthmatic signs and symptoms in hyper reactive individuals. Do not get on clothing, in eyes, or on skin.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

MOLECULAR FORMULA: OCH (CH₂)₃CHO

MOLECULAR WEIGHT: 100.1

GENERAL USE: Biocide

SECTION 4. FIRST AID MEASURES

EYES: Flush with plenty of water. Get medical attention if irritation occurs and persists.

SKIN: Remove contaminated clothing. Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

INGESTION: Rinse mouth. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. If any discomfort persists, obtain medical attention. Do not induce vomiting.

INHALATION: Remove to fresh air. If breathing difficulty or discomfort occurs or persists, obtain medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (Closed Cup): >100 C (DIN 51758)

AUTOIGNITION: 225 C

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical, water spray

FIRE / EXPLOSION HAZARDS: No particular hazards known

FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus.

NFPA Hazard Codes:

Health: 3

Fire:1

Reactivity: 0

Other: 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use breathing apparatus if exposed to vapors/dust/aerosols. Do not get into eyes, on skin, or clothing.

Environmental Precautions: Substance in RCRA hazardous due to its properties. Do not discharge into drains/surface waters/ground water.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid direct contact when handling this product. Keep away from a source of ignition.

Storage: Keep container closed when not in use. Protect from heat, flame and physical damage.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Under normal conditions to use, exposure should not be a significant concern. Use with general room ventilation or local exhaust when airborne contamination is expected. Under unusual or emergency conditions, the personal protective equipment indicated below is recommended.

Components with workplace control parameters.

Gluteral ACGIH CLV 0.05 ppm

Personal Protective Equipment

Eyes and Face: Use chemical type goggles or face shield.

Respiratory: Use MSHA/N10SH applied organic respiratory protection when airborne vapor is expected.

Protective Clothing: Use impervious gloves. Wear impervious apron and gauntlets when splashing is expected during liquid transfers. Wear normal work shoes expect in conditions of spills where rubber overshoes or boots would be required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Characteristic
APPEARANCE: yellow
PERCENT VOLATILE: 3.7
VAPOR PRESSURE: Not available
VAPOR DENSITY: (Air=1) N/A
BOILING POINT: >100 C
MELTING POINT: N/A

SECTION 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid storage at extreme temperatures

STABILITY: Stable

POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition and burning may produce carbon monoxide, carbon dioxide, nitrogen and sulfur oxides, chlorine compounds and other toxic gases.

TO AVOID: Strong acids and alkalis

SECTION 11. TOXICOLOGICAL INFORMATION

Eye Effects: (rabbit) Irritating
Skin Effects: (rabbit) Irritating
Dermal LD₅₀: > 200 mg/kg (rabbit) slightly toxic
Oral LD₅₀: 320 mg/kg (rat) Very toxic
Inhalation: LC₅₀:0.28-0.39 mg/L / 4 hr Highly Toxic

Carcinogen Icity:

IARC: Not listed
NTP: Not listed
OSHA: Not listed
Other: ACGIH: Not listed

SECTION 12. ECOLOGICAL INFORMATION

Toxicity to microorganisms: Bacteria (17H): 8.8 mg/l

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with state, local and national regulations. If the product was supplied in a single use container, care should be taken to dispose of the container in a responsible manner in accordance with applicable regulations. Label precautions should be followed for any residual material in the container. Whenever possible, our company encourages recycling of containers.

SECTION 14: TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)

Proper Shipping Name: Toxic Liquid, Corrosive, Organic, N.O.s> (Contains Gluteraldehyde)

Primary Hazard Class/Division: 6.1

UN/NA Number: UN2927

Packing Group: II

Marine Pollutant: NO

Other Shipping Information: DOT Marking-Not required

Hazardous Substance/RQ: Not applicable

49 STCC Number: Not available

Special Shipping NOTTS: IMDG: Not regulated

IATA: Not regulated

Keep container tightly closed. Protect against physical damage.

SECTION 15: REGULATORY INFORMATION

US Federal Regulation:

United States

SARA Hazard Categories (EPRCA 311/312): Acute

CERCLA (Comprehensive Environmental Response Compensation and Liability Act)

CERCLA Regulatory (40 CFR 302.4): Not listed

TSCA (Toxic Substance Control Act)

TSCA Status (40 CFR 710): Listed (components)

State Regulations

State RTK

SECTION 16: OTHER INFORMATION

Date of Preparation: 05/25/08

Last Revision: 01/22/14