

HarChem

H₂O

Water Services

PO Box 310, Muldrow, OK 74948

SAFETY DATA SHEET

DF-100

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

RECOMMENDED USES:

SECTION 2: HAZARD IDENTIFICATION

<u>Ingredient (s)</u>	<u>CAS#</u>	<u>% (by weight)</u>
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Organic-Inorganic Mixture	N/A	
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HAZARD STATEMENTS:

PICTOGRAM REPRESENTATION:

HAZARD CLASSIFICATION:

SIGNAL WORD (IF APPLICABLE):

POTENTIAL HEALTH EFFECTS: **INHALATION:** No hazard expected by this route in normal use.

POTENTIAL HEALTH EFFECTS: **EYE CONTACT:** May cause mild eye irritation.

POTENTIAL HEALTH EFFECTS: **SKIN:** No hazard expected by this route in normal use.

POTENTIAL HEALTH EFFECTS :**ORAL:** Ingestion may cause irritation .

Comments: This product, as with any chemical, may enhance allergic conditions on certain people. We do not know of any medical conditions that might be aggravated by exposure to this product.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

MOLECULAR FORMULA:

MOLECULAR WEIGHT:

GENERAL USE:

SECTION 4. FIRST AID MEASURES

Inhalation : Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

Eye Contact: Immediately flush eyes with water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Get immediate medical attention.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

Oral: If swallowed, do not induce vomiting unless instructed to do so by a physician or poison control center. If vomiting occurs spontaneously, keep head below hips to prevent breathing of vomit into lungs. Call a physician or poison control center immediately.

Comment: No components, present in excess of 0.1% by weight are listed as carcinogens by IARC, NTP, or OSHA.

SECTION 5: FIRE-FIGHTING MEASURES

Flash point (method used): NONE

Auto ignition: Not determined

Flammability Limits in Air: LOWER: N.A. UPPER: N.A.

Extinguishing Media: Foam carbon dioxide dry chemical.

Special Fire Fighting Procedures: Prevent human exposure to fire, fumes, smoke, and products of combustion. Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards: Product may produce a floating fire.
Comments: N.A. = Not Applicable

NFPA HAZARD CODES: Health:0 Fire: 0 Reactivity: 0 Other:

SECTION 6: ACCIDENTAL RELEASE MEASURES

Use absorbance material to collect and contain. Wash with clear water only.

SECTION 7: HANDLING AND STORAGE

PROTECTIVE EQUIPMENT:

EYES: Use proper protection-safety glasses, as minimum

SKIN: Washing at mealtime and end of shift is adequate

INHALATION: No respiratory protection should be needed.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Use reasonable care and caution.

Do not get in eyes; avoid prolonged or repeated contact with skin.

Store between 40° F and 120° F

OTHER PRECATUIONS: None

This section provides selected regulatory information on this product including its components. This is not intended to include all regulations. It is the responsibility of the user to know and comply with all applicable rules, regulations and laws relating to the product being used.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

EYES: Use proper protection-safety glasses, as minimum

SKIN: Washing at mealtime and end of shift is adequate

INHALATION: No respiratory protection should be needed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (at 760 mm hg): Approx. 212° F/100° C

Freezing Point: 40 degrees F

Specific Gravity (at 77° F/ 25° C): 1.0020

Vapor Pressure @ (77° F/ 25° C): N/D

Vapor Density (air-1 @ 77° F/ 25° C): N/D

Percent Volatile by weight (%): N/D

Evaporation Rate (ether=1): As water

PH: aqueous approx. ≥ 4.500

Odor, Appearance, Color: Mild odor, cloudy white liquid.

Note: The above information is not intended for use in preparing product specifications.

SECTION 10. STABILITY AND REACTIVITY

STABILITY: STABLE

INCOMPATIBILITY (Material to avoid): Inorganic Acids and inorganic bases

CONDITIONS TO AVOID: Exposure to above and continuous high temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, miscellaneous organic compounds, some possibly toxic.

HAZARDOUS POLYMERIZATION: Will not occur.

COMMENTS: None

SECTION 11. TOXICOLOGICAL INFORMATION

SECTION 12. ECOLOGICAL INFORMATION

Environmental Fate: No information found

Environmental Toxicity: No information found

SECTION 13. DISPOSAL CONSIDERATIONS

All local, state and federal regulation concerning health and pollution is reviewed to determine approved disposal procedures. Contact HarChem Water Services if there are any disposal questions.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
(DOT)

DOT LABELLING REQUIREMENTS: Not applicable

International Air Transport Association:

UN: UN 3077

SECTION 15: REGULATORY INFORMATION

D.O.T (49CFR 171.8)/ E.P.A. (40 CFR 117) SPILL REPORTING INFORMATION

HAZARDOUS SUBSTANCE: None

REPORTING QUANTITY: Not Applicable

REPROTABLE QUANTITY OF PRODCUT: Not Applicable

COMMENTS: Product contains no ingredient subject to D.O.T. OR E.P.A.

SECTION 16: OTHER INFORMATION

AVAILABLE LITERATURE AND BROCHURES

ADDITIONAL INFORMATION: Additional product safety information on this product may be obtained by calling your **HarChem Chemicals Inc.** Customer Service contact number (918) 427-0777.

16.1 RECOMMENDED USES AND RESTRICTIONS

For Industry Use Only

16.2 REVISION

Version: 2

Revision: 01-21-14

Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this document.

16.3 LEGEND

TS Trade Secret

N/A Not Available

W/W Weight/weight

The opinions expressed herein are those of qualified within **HarChem**. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and the conditions of the use of the product are not under the control of **HarChem** it is the user's obligation to determine conditions of safe use of the product.