



HYDRO-ZONE, INC.
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MATERIAL SAFETY DATA SHEET

NFPA Hazard Rating:

Health – 0, Flammability – 0, Reactivity - 0

I. GENERAL INFORMATION -----

Code, Trade Name: **HZ040100, Deionized Water**
Chemical Name: **Dihydrogen Oxide**
Chemical Family: **Inorganic Compound**

The above information is to be used only as a guide, and does not profess to be all inclusive. Hydro-Zone, Inc. shall not be held liable for any damage resulting from the handling or contact with the above product.

II. HAZARDOUS INGREDIENTS -----

Dihydrogen Oxide, Purified CAS #7732-18-5 100% W/V
TLV/PEL: Not Established TXDS: N/A
Carcinogenicity: Not listed as cancer causing (IARC).

N/A = Not Available

Issue Date: 8/87

Revised: 2/03

III. HEALTH HAZARD DATA -----

Over exposure can lead to excessive hydration and death by drowning.

Routes of Entry: **Inhalation, Ingestion.**

First Aid:

Eyes: **Dry with soft cloth or tissue.**

Skin: **Remove wet clothing and dry.**

Inhalation: **Move to fresh air & give artificial respiration if breathing has stopped.**

Ingestion: **N/A**

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER EXPOSURE!

IV. PHYSICAL DATA -----

Boiling Point: **100°C** Specific Gravity: **1.00**
Vapor Density: **N/A**
Water Solubility: **Soluble**
Appearance & Odor: **Clear, colorless, odorless liquid.**

V. FIRE & EXPLOSION HAZARD DATA -----

Flash Point: **Nonflammable**
Extinguishing Media: **Use media compatible with surrounding material.**
Special Procedures: **Wear self contained breathing apparatus and protective clothing if necessary.**
Unusual Fire & Explosion Hazards: **None indicated.**
Electrolysis can lead to explosive concentrations of hydrogen and oxygen.

VI. REACTIVITY DATA -----

Conditions To Avoid: **None indicated.**
Hazardous Combustion & Decomposition Products:
Hydrogen & Oxygen

VII. SPECIAL PROTECTION -----

Provide adequate general and local exhaust ventilation.
Protect eyes and skin with safety goggles and gloves.
Do not get in eyes, on skin or clothing.
Wear self contained breathing apparatus in high vapor areas.
Do not breathe vapors or dust.

VIII. HANDLING AND STORAGE PRECAUTIONS -----

Keep container tightly closed.
Store in cool, dry, well ventilated area.
Keep away from ignition source, acids, oxidizers.
Wash thoroughly after handling.
Empty containers may be hazardous due to retained residue.

DOT - Not Regulated

IX. ENVIRONMENTAL PROTECTION -----

Spill Response: **Mop up or flush to drain.**
Waste Disposal: **Comply with all local, state and federal regulations.**