



**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: HZ080150, Hardness Reagent, EDTA, 0.01M  
Chemical Name: EDTA Disodium Salt in Water  
Chemical Family: Organic Salt in Water

**IX. ENVIRONMENTAL PROTECTION** -----  
Spill Response: Absorb with sand or vermiculite and scoop up  
and containerize for proper disposal.

**II. HAZARDOUS INGREDIENTS** -----  
Ethylenediaminetetraacetic, Disodium Salt (EDTA)  
CAS #139-33-3 < 1% W/V  
TLV: Not Established TXDS: orl-rat LD50: 2000 mg/kg  
Carcinogenicity: Not listed (IARC).

Waste Disposal: Comply with all local, state and federal  
regulations.

**III. HEALTH HAZARD DATA** -----  
May be harmful if swallowed or inhaled. May irritate eyes,  
skin, and mucous membranes on contact.  
Routes of Entry: Ingestion, Inhalation.  
First Aid:

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.

Eyes: Flush with water for at least 15 min; get  
immediate medical assistance.  
Skin: Remove contaminated clothing and wash with soap  
and water.

N/A = Not Available  
Issue Date: 2/03  
Revised: 02/03

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

Ingestion: If conscious, give 2 glasses of water and induce  
vomiting.

**GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER  
EXPOSURE!**

**IV. PHYSICAL DATA** -----  
Boiling Point: N/A Specific Gravity: 1.00  
Vapor Density: N/A  
Water Solubility: Miscible  
Appearance & Odor: Clear, colorless liquid

**V. FIRE & EXPLOSION HAZARD DATA** -----  
Flash Point: Nonflammable  
Extinguishing Media: Dry chemical  
Special Procedures: Wear self contained breathing apparatus  
and protective clothing if necessary.  
Unusual Fire & Explosion Hazards: Emits toxic fumes when  
heated to decomposition.

**VI. REACTIVITY DATA** -----

Conditions To Avoid: Strong oxidizers and reactive metals.  
Hazardous Combustion & Decomposition Products: COx, NOx

**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 mist.

**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