



HYDRO-ZONE, INC.
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MATERIAL SAFETY DATA SHEET

NFPA Hazard Rating:
Health – 2, Flammability – 1, Reactivity - 0

I. GENERAL INFORMATION -----

Code, Trade Name: HZ080105, Hardness Buffer Soln.
Chemical Name: Alcohol Amine/Water/Solution
Chemical Family: Alcohol Amine/Water

IX. ENVIRONMENTAL PROTECTION -----

Spill Response: Absorb with sand or vermiculite and scoop up and containerize for proper disposal.

II. HAZARDOUS INGREDIENTS -----

Triethanolamine, CAS #102-71-6 36% V/V
TLV/PEL: Not Established TXDS: orl-rat LD50: 8680 mg/kg
Carcinogenicity: None of the above listed (IARC).

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

III. HEALTH HAZARD DATA -----

Irritating to eyes, skin and mucous membranes. Ingestion can injure mouth, throat and digestive tract.
Routes of Entry: Ingestion, inhalation or skin contact.

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.

First Aid:

Eyes: Flush with water for at least 15 min; get immediate medical assistance.

Skin: Wash with soap and water.

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

Ingestion: Get immediate medical attention.

N/A = Not Available

Issue Date: 2/03

Revised: 02/03

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER EXPOSURE!

IV. PHYSICAL DATA -----

Boiling Point: N/A Specific Gravity: N/A
Vapor Density(Air=1): N/A
Water Solubility: Soluble
Appearance & Odor: Dark blue liquid with amine odor.

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

Flash Point: N/A (Flammable Liquid)
Extinguishing Media: Dry chemical, CO₂, "alcohol" foam.
Special Procedures: Wear self contained breathing apparatus.
Unusual Fire & Explosion Hazards: Unstable at elevated temperatures & liberates toxic fumes.

VI. REACTIVITY DATA -----

Conditions To Avoid: Acids, oxidizers and elevated temperatures.
Hazardous Combustion & Decomposition Products: CO_x, NO_x

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.
Wash thoroughly after handling.
Empty containers may be hazardous due to retained residue.

DOT - Not Regulated