



HYDRO-ZONE, INC.
17800 TELEGRAPH, ROMULUS, MI 48174
PHONE: (734) 247-4488 FAX (734) 247-4489
EMERGENCY TELEPHONE NO.: (800) 535-5053

MATERIAL SAFETY DATA SHEET

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

I. GENERAL INFORMATION -----

Code, Trade Name: HZ080120, Hardness Indicator Solution
Chemical Name: Calmagite in Water
Chemical Family: Azo Dye in Water

II. HAZARDOUS INGREDIENTS -----

Calmagite, CAS #3147-14-6 0.05% W/V
TLV: Not Established TXDS: N/A
Carcinogenicity: Not listed (IARC).
Water, CAS #7732-18-5 > 99% W/V

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, Skin Contact.

First Aid:

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

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: 1.0
Vapor Density: N/A
Water Solubility: Miscible
Appearance & Odor: Purple 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: Oxidizers
Hazardous Combustion & Decomposition Products: CO_x, NO_x, SO_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, acids, oxidizers.
Wash thoroughly after handling.
Empty containers may be hazardous due to retained residue.

DOT - Not Regulated

IX. ENVIRONMENTAL PROTECTION -----

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

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

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.

N/A = Not Available
Issue Date: 12/00
Revised: 2/03