



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

I. GENERAL INFORMATION -----
Code, Trade Name: HZ010140, Total Alkalinity Indicator
Chemical Name: Bromocresol Green/Methyl Red in Water
Chemical Family: Triphenylmethane/Monoazo Dyes in Water

II. HAZARDOUS INGREDIENTS -----
Bromocresol Green Sodium Salt, CAS #62625-32-5 0.06% W/V
TLV/PEL: Not Established TXDS: N/A
Methyl Red, Sodium Salt, CAS #845-10-3 0.04% W/V
TLV/PEL: Not Established TXDS: orl-rat TDLo: 12 g/kg
Carcinogenicity: None of the above are listed (IARC).

III. HEALTH HAZARD DATA -----
To the best of our knowledge the toxic properties have not been thoroughly investigated. Ingestion and skin absorption may be harmful. Contact may cause irritation.
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: Induce vomiting if conscious.

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: Green aqueous solution.

V. FIRE & EXPLOSION HAZARD DATA -----
Flash Point: N/A
Extinguishing Media: Any applicable for other materials involved.
Special Procedures: Wear self contained breathing apparatus and protective clothing if necessary.
Unusual Fire & Explosion Hazards: None indicated.

VI. REACTIVITY DATA -----
Conditions To Avoid: None indicated.
Hazardous Combustion & Decomposition Products:
Small amounts of bromine, bromine compounds, SOx & COx

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.

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

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

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: 2/03
Revised: 02/03