

Hydro-Zone, Inc.
17800 Telegraph Rd., Romulus, MI 48174 (734-247-4488)
Emergency Telephone No.: 800-535-5053

NFPA Hazard Rating:
Health - 2, Flammability - 3, Reactivity - 0

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION -----

Code, Trade Name: HZ040125, Chloride Indicator, Mixed
Chemical Name: Diphenylcarbazone/Bromphenol
Blue/Isopropanol
Chemical Family: Aliphatic Alcohol Organic Dye Solution

IX. ENVIRONMENTAL PROTECTION -----

Spill Response: Eliminate ignition source, cover with sand or
vermiculite and scoop up and containerize for proper
disposal.

II. HAZARDOUS INGREDIENTS -----

* Iso-propyl Alcohol, CAS #67-63-0 99% W/V
TLV/PEL: 400 ppm(TWA) TXDS: orl-hmn LDLo: 3570 mg/kg

Diphenylcarbazone, CAS #538-62-5 0.5% W/V
TLV/PEL: Not Established TXDS: N/A

Bromophenol Blue, CAS #115-39-9 0.05% W/V
TLV/PEL: Not Established TXDS: N/A

Carcinogenicity: None of the above listed (IARC).

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

* Toxic chemical or chemicals subject to the reporting
requirements of Section 313, SARA Title III.

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.

III. HEALTH HAZARD DATA -----

Ingestion causes nausea, intoxication, and CNS depression.
High vapor levels cause eye and respiratory system irritation.
Contact may injure eyes and cause skin irritation.
Routes of Entry: Ingestion, Inhalation, Skin Contact.

Issue Date: 10/03

Revised:

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: Induce vomiting if conscious.

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER
EXPOSURE!

IV. PHYSICAL DATA -----

Boiling Point: 82.3 deg C Specific Gravity: 0.785
Vapor Density: heavier than air
Water Solubility: Miscible
Appearance & Odor: Reddish liquid with alcohol odor.

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

Flash Point: 53 deg F (tcc), IPA
Extinguishing Media: dry chemical, CO2, "alcohol" foam.
Special Procedures: Wear self contained breathing apparatus.
Unusual Fire & Explosion Hazards: Fire & explosion hazard.
Vapor heavier than air and may travel to an ignition source.

VI. REACTIVITY DATA -----

Conditions To Avoid: heat, sparks, flame, acids, halogens,
and strong oxidizers.
Hazardous Combustion & Decomposition Products: 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.
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 - Flammable Liquid, N.O.S./UN1993 (II)