I. GENERAL INFORMATION

Code, Trade Name: MN9269, Chloride Reagent
Chemical Name: Diphenylcarbazone/Bromphenol Blue/Methanol
Chemical Family: Aliphatic Alcohol Organic Dye Solution

II. HAZARDOUS INGREDIENTS

Methanol, CAS #67-56-1 99% W/V
TLV/PEL: 200 ppm (TWA) TXDS: orl-rat LD50: 5628 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).

III. HEALTH HAZARD DATA

Toxic by ingestion!
High vapor levels cause eye and respiratory system irritation.
Contact may injure eyes and cause skin irritation.
Routes of Entry: Ingestion, Inhalation, Skin Contact.

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 OVEREXPOSURE!

IV. PHYSICAL DATA

Boiling Point: N/A Specific Gravity: N/A
Vapor Density: heavier than air
Water Solubility: Miscible
Appearance & Odor: Reddish liquid with alcohol odor.

V. FIRE & EXPLOSION HAZARD DATA

Flash Point: 52 deg F (tcc), methyl alc.
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.

IX. ENVIRONMENTAL PROTECTION

Spill Response: Eliminate ignition source, cover 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. Cascade Water Services shall not be held liable for any damage resulting from the handling or contact with the above product.

N/A = Not Available

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