

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

MATERIAL SAFETY DATA SHEET

NFPA Hazard Rating:  
Health - 2, Flammability - 1, 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 - Formaldehyde Solution, UN1198 (PGIII)

I. GENERAL INFORMATION -----

Code, Trade Name: 060160, Formaldehyde 10% W/V  
Chemical Name: Formaldehyde in Water  
Chemical Family: Aldehyde in Water

II. HAZARDOUS INGREDIENTS -----

\* Formaldehyde CAS #50-00-0 10% W/V  
TLV: 1 ppm TXDS: orl-mus LD50: 42 mg/kg  
Carcinogenicity: Potential to cause cancer in humans!

\* Methanol, CAS #67-56-1 3% W/V  
TLV/PEL: 200 ppm TXDS: orl-hmn LDLo: 143 mg/kg  
Carcinogenicity: Not listed (IARC)

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.

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

III. HEALTH HAZARD DATA -----

Harmful if inhaled, swallowed, or absorbed through skin.  
Eye contact can cause permanent damage. Potential cancer causing agent in humans! Shown to be a carcinogen in rats!  
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: Do not induce vomiting. Give milk or water if conscious. Get immediate medical attention.

The above information is to be used only as a guide, and does not profess to be all inclusive. Hawk Creek Laboratory shall not be held liable for any damage resulting from the handling or contact with the above product.

N/A = Not Available  
Issue Date: 12/85  
Revised: 5/98,4/02,11/05

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER EXPOSURE!

IV. PHYSICAL DATA -----

Boiling Point: N/A Specific Gravity: N/A  
Vapor Density: N/A  
Water Solubility: Miscible  
Appearance & Odor: Clear, colorless liquid with acrid odor.

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

Flash Point: Nonflammable  
Extinguishing Media: Dry chemical  
Special Procedures: Wear self contained breathing apparatus, protective clothing, and face shield.  
Unusual Fire & Explosion Hazards:  
Moderate fire and explosion hazard.

VI. REACTIVITY DATA -----

Conditions To Avoid: Heat and open flame. Contact with HCl, acids, oxidizers, and strong bases.  
Hazardous Combustion & Decomposition Products:  
COx, formic acid

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.