

MATERIAL SAFETY DATA SHEET

MP 2000, Multi-Purpose Fountain Concentrate

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ACCEL GRAPHIC SYSTEMS
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MEDICAL EMERGENCY PHONE NUMBER (904) 264-3500 This number is available days, nights, weekends and holidays. **TRANSPORTATION EMERGENCY PHONE NUMBER** (800) 424-9300 Chemtrec.

Federal law requires persons receiving the Material Safety Data Sheet to study it carefully, become aware of hazards, if any, of the product involved. In the interest of safety you should: (1) notify your employees, agents, and contractors of the information on this sheet; (2) furnish a copy to each of your customers for the product; and (3) request your customers to inform their employees and customers as well.

FOR INDUSTRIAL USE

USE ONLY AS DIRECTED

DO NOT TAKE INTERNALLY

SECTION I PRODUCT INFORMATION

PRODUCT NAME: MP 2000 Multi-Purpose Fountain Concentrate

PRODUCT NUMBER: X55-05; X55-10

DOT DESIGNATION: Compounds, Cleaning Liquid. Not regulated.

SECTION II HAZARDOUS COMPONENTS / IDENTIFY INFORMATION

HAZARDOUS COMPONENT	CAS No.	WT.	% BY PEL	OSHA	ACGIH TLV (TWA)	OTHER RATINGS	OSHA* STEL
PROPYLENE GLYCOL	57-55-6		1-2	--	--	50ppm (AIHA)	--
DIPROPYLENE GLYCOL	34590-94-8	2-6	100ppm		--		150ppm
MONOMETHYL ETHER							
GLYCERITOL	56-81-5		2-6	10mg/m3	10mg/m3	--	--

*OSHA data shown is based on the 1989 levels.

SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 212 degrees F	Specific Gravity: (Water = 1) 1.01	Vapor
Pressure: (mmHG, calculated) None	Melting Point: N/A	
Vapor Density: (Air = 1, calculated) 2	Solubility in Water: Complete	
pH of Concentrate: 3.8 - 4.2	Appearance & Odor: Blue liquid, detergent odor	
Maximum VOC Content: .3 lbs. per gal. (40 grams per liter)	Maximum VOC%: 4%	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flashpoint (Tag Closed Cup Method): Greater than 200 degrees F. (TCC)
Flammable Limits (Calculated): LEL: N/A UEL: N/A
Extinguishing Media: Water
Special Fire-fighting Procedures: N/A
Unusual Fire & Explosion Hazards: N/A

SECTION V REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: None
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Avoid exposure to high heat sources, electrical and welding arcs and open flame. Also avoid strong oxidizing agents.

SECTION VI HEALTH HAZARD DATA

ROUTE OF ENTRY: Inhalation, Ingestion, Skin

HEALTH HAZARDS: EYE CONTACT: May lead to irritation.
SKIN CONTACT: May lead to dermatitis.
INGESTION: May lead to vomiting.

CARCINOGENICITY (NTP, IARC, OSHA): The components of this product have not shown any evidence of carcinogenicity.

SIGNS & SYMPTOMS OF EXPOSURE: Overexposure may lead to dermatitis and eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known under recommended usage conditions.

EMERGENCY FIRST AID PROCEDURES:

FOR SKIN CONTACT: Flush with water, get medical attention if necessary.

FOR INHALATION: Remove to fresh air, get immediate medical attention if necessary.

FOR EYE CONTACT: Gently flush with large volume of water, get immediate medical attention.

FOR INGESTION: Get immediate medical attention. Do not induce vomiting.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE/REGULATORY INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Minor Spills: Absorb material with ground clay, vermiculite or similar absorbent material, then place into containers for removal.

Major Spills: Eliminate sources of ignition. Dike and contain spill. Shut off source of spill if possible. Remove liquid by vacuum, absorbent or other safe and approved method and place into containers for legal disposal. Flush area with water to remove residue, and remove flushed solutions as above.

Waste Disposal Method: Dispose of all waste in accordance with federal, state and local regulations.

REGULATORY INFORMATION: Reportable quantity "RQ." EPA Regulation 40CFR302 "CERCLA Section 102": None. EPA Regulation 40CFR372 "SARA 313": None.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed when not in use. Empty containers can be hazardous. Plastic or stainless steel handling and transfer equipment is recommended.

HMIS INFORMATION:

HEALTH - 1 FLAMMABILITY - 0 REACTIVITY - 0 PERSONAL PROTECTION EQUIPMENT - B

HAZARD INDEX: 4=Severe 3=Serious 2=Moderate 1=Slight 0=Least Safety Glasses & Gloves

SECTION XIII CONTROL MEASURES

RESPIRATORY PROTECTION: Not normally required.

VENTILATION: Local and mechanical exhaust recommended. Avoid open electrical sources near product vapor areas. Keep containers tightly closed when not in use. Store between 50 degrees and 100 degrees F. Do not reuse empty containers.

PROTECTIVE GLOVES: Chemical resistant gloves - selection of specific types will depend upon individual operations.

EYE PROTECTION: Splash goggles or faceshield are recommended to protect against potential eye contact.

OTHER PROTECTIVE CLOTHING: Safety shoes and aprons are recommended.

WORK/HYGIENE PRACTICES: Do not take internally. Avoid skin contact, and wash skin after using products. Do not eat, drink or smoke in work area. Keep away from children.

The opinions expressed herein are those of qualified experts within the manufacturer and its suppliers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of the manufacturer, it is user's obligation to determine the conditions of safe use of the product.

In case of an Emergency, call Chemtrec at 1-800-424-9300.