

# MATERIAL SAFETY DATA SHEET

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**Distributed By:** PAMARCO Global Graphics \* 171 East Marquardt • Wheeling, IL 60090

Information Telephone Number: 847-459-6000

**Product Name: MP2000 Multi Purpose Fountain Concentrate**

Date Prepared: 03/10/2011

**Customer Information Phone Number: 1-800-323-7735**

**CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300**

**3 E COMPANY: 24 Hour Medical Emergency Phone Number: 1-800-451-8346**

## SECTION 1: PRODUCT INFORMATION

Product Name: **MP 2000** (Multi-Purpose Fountain Concentrate)

D.O.T. Designation: Cleaning Liquid. Not Regulated.

U.N. Designation: Same as D.O.T.

## SECTION 2: HAZARDOUS COMPONENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT	CAS No.	% WT.	OSHA*	ACGIH	OTHER
OSHA*			PEL	TLV-TWA	RATINGS
STEL					
Propylene Glycol	57-55-6	1-2	-	-	50ppm
-					
Dipropylene Glycol	34590-94-8	2-6	100ppm	-	(AIHA)
150ppm					
Monomethyl Ether					
Glyceritol	58-81-5	2-6	10mg/m3	10mg/m3	-
-					
			5mg/m3(respirable)		
Sodium Nitrate	7631-99-4	1-4			
Citric Acid	77-92-9	2-6			
Water	7732-18-5	85-95			

## SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212 degrees F.

Specific Gravity: (Water = 1) 1.01 at 68 degrees F.

Vapor Pressure: (mmHG, calculated) None

Melting Point: Not Applicable

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 4: FIRE AND EXPLOSION DATA

Flash Point (Tag Closed Cup Method): Greater than 215 degrees F.

Flammable Limits (Calculated): LEL: N/A UEL: N/A

Extinguishing Media: Water

Special Fire-fighting Procedures: N/A  
Unusual Fire and Explosion Hazards: N/A

## **SECTION 5: 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 6: HEALTH HAZARD DATA**

Routes of Entry: Inhalation, Ingestion, Skin.

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Health Hazards: Eye Contact: May lead to irritation.  
Skin Contact: May lead to dermatitis.  
Ingestion: May lead to vomiting.  
Inhalation: May lead to nasal irritation.  
Carcinogenicity (NTP, IARC, OSHA): The components of this product have not shown any evidence of carcinogenicity.

Signs and 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 large volume of water for at least 15 minutes.  
Get immediate medical attention if necessary.  
For Inhalation: Remove to fresh air. Get immediate medical attention if necessary.  
For Eye Contact: Flush with large volume of water for at least 15 minutes. Get immediate medical attention.  
For Ingestion: Get immediate medical attention. Do not induce vomiting.

## **SECTION 7: 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. Eliminate potential sources of ignition, and shut off source of spill if possible. Remove liquid by chemical 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: Components present in this product at a level which could require reporting under EPA Regulation 40CFR302 (CERCLA) Section 102 and EPA Regulation 40CFR372 (SARA) 313: None  
Product may contain components which are further regulated by state and/or local agencies - Consult Appropriate Agencies.

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.

The components of this product are listed on both the United States TSCA and the Canadian DSL.

HMIS: Health Hazard: **1** Flammability: **1** Reactivity: **0** Personal Protection: **B**

## **SECTION 8: 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: Impervious or chemical resistant gloves (consult safety equipment supplier).

Eye Protection: Chemical splash goggles recommended to protect against potential eye contact.

Other Protective Clothing and Equipment: Safety shoes and aprons recommended.

Work and 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.

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