

**MATERIAL SAFETY DATA SHEET**

38773 &amp; 38776 ITEK MEGA PLATE FOUNTAIN CONCENTRATE

Revision Date:5/1/13

**Section I - Product Identification**

Manufacturer's Name	Mark Andy, Inc	Emergency Phone Number (24 Hours)	CHEMTREC @ (800) 424-9300
Street Address	18081 Chesterfield Airport Road	MSDS access online at:	<a href="https://shop.markandy.com/msds">https://shop.markandy.com/msds</a>
City,State,Zip Code	Chesterfield, MO 63005	Customer Service: (US)	800-225-4835
General Phone: 636-532-4433		(CAN)	800-387-3143
Product Use: OFFSET PRINTING.		Date Prepared:	October 26, 1994
		Prepared By:	Kenneth W. Pinter

Chemical Name, Trade Name, Synonyms: CONTAINER SIZE: 1 GALLON

**HMS RATING**

1 - Health      0 - Flammability      0 - Reactivity      B - Personal Protection

**Section II - Ingredients**

Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
WATER	7732-18-5	70-90	N.D.	N.D.	
POLYETHYLENE GLYCOL	25322-68-3	5-10	N.D.	N.D.	
ETHYLENE GLYCOL	107-21-1	5-10	50 PPM (C).	50 PPM (C).	
AMORPHOUS SILICA	7631-86-9	1-5	N.D.	N.D.	
SODIUM PHOSPHATE	7558-80-7	1-5	N.D.	N.D.	(C): CEILING

**Section III - Physical Data**

Boiling POINT(F): > 212	pH: 5.5
Vapor Pressure(mm Hg): N.D.	Freezing Point(F): N.D.
Vapor Density (AIR = 1): N.D.	% VOC: <.1       VOC LBS/GAL: <.01
Specific Gravity (H2O=1): 1.027	Color And Odor: PINK/ODORLESS
Odor Threshold: N.D.	Physical State: LIQUID
Evaporation Rate (Butyl Acetate = 1): N.D.	
Solubility in Water: COMPLETE.	

**Section IV - Fire and Explosion Hazard Data**

FLASH POINT (METHOD USED): NONE.	Flammable Limits:
	LEL: N.A.       UEL: N.A.
Auto-ignition Temperature: N.D.	
Extinguishing Media: NONE.	
Special Fire Fighting Procedures: NONE.	
Unusual Fire And Explosion Hazards: NONE.	

**Section V - Reactivity Data**

Stability	Unstable :       Conditions to Avoid: NONE.
	Stable : X

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Incompatibility (Materials to Avoid): NONE.

Hazardous Decomposition Products: NONE.

Hazardous | May Occur: | Conditions to Avoid: NONE.  
Polymerization | Will Not Occur: X |

**Section VI - Health Hazard Data (Acute and Chronic)**

Primary Route(s) of Entry: INHALATION, INGESTION.

Oral Ingestion: SWALLOWING ETHYLENE GLYCOL MAY CAUSE ABDOMINAL DISCOMFORT OR PAIN, EUPHORIA, CENTRAL NERVOUS SYSTEM DEPRESSION, OLIGURIA, URENIA. KIDNEY DAMAGE POSSIBLE ETHYLENE GLYCOL MAY BE FATAL.

Eye Contact: EYE DISCOMFORT WITH POSSIBLE TRANSIENT CONJUNCTIVITIS. SERIOUS CORNEAL INJURY NOT ANTICIPATED.

Skin Contact: NO ADVERSE EFFECTS FROM AVAILABLE INFORMATION EITHER THROUGH CONTACT OR ABSORPTION.

Inhalation: ETHYLENE GLYCOL MISTS MAY IRRITATE THE NOSE AND THROAT. HIGH VAPOR CONCENTRATIONS CAUSED BY HEATING IN A POORLY VENTILATED AREA MAY PRODUCE NAUSEA, VOMITING, HEADACHE AND DIZZINESS.

Effects of Overexposure: MAY CAUSE NOSE AND THROAT IRRITATION. MAY CAUSE KIDNEY DAMAGE.

Medical Conditions Generally Aggravated by Exposure | NO MEDICAL CONDITIONS KNOWN TO BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

Carcinogenicity: NONE OF THE CHEMICALS USED IN THIS PRODUCT ARE LISTED ON NTP, IARC, OR OSHA LISTINGS OF CARCINOGENS.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

**FIRST AID PROCEDURES**

Ingestion: IF CONSCIOUS, GIVE 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Eye: FLUSH THE EYES THOROUGHLY WITH WATER. OBTAIN MEDICAL ATTENTION.

Skin: REMOVE CONTAMINATED CLOTHING AND FLUSH THE EXPOSED AREA THOROUGHLY WITH WATER.

Inhalation: REMOVE TO FRESH AIR. IF DISCOMFORT PERSISTS CONTACT A PHYSICIAN.

**Section VII - Toxicology Information**

Ingredient	Inhalation	Oral	Dermal
	LC50	LD50 (RATS)	LD50 (RABBITS)
WATER	N.D.	N.D.	N.D.
POLYETHYLENE GLYCOL 300	N.D.	N.D.	N.D.
ETHYLENE GLYCOL	N.D.	4.0g/KG	19.5g/KG
LUDOX AM(COLLODIAL SILICA)	N.D.	N.D.	N.D.
SODIUM PHOSPHATE	N.D.	N.D.	N.D.

**Section VIII - Spill or Leak Procedure**

Steps to be taken in case material is released or spilled:

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DIKE THE SPILL AND SOAK UP WITH ABSORBANT MATERIAL. PREVENT LIQUID FROM ENTERING SEWERS.

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Disposal Method: IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.  
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**Section IX - Special Protection Information**

Ventilation Local Exhaust: RECOMMENDED. Special: N.A.  
Mechanical(General): RECOMMENDED. Other: N.A.

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Respiratory Protection: NONE REQUIRED.  
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Protective Clothing: GLOVES.  
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Eye Protection: SPLASH GOGGLES.  
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Other Protective Equipment: LAB COAT.  
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**Section X - Special Precautions**

Precautions to be taken in Handling and Storing:  
STORE AT ROOM TEMPERATURE. LAB COAT.

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Other Precautions: CONTACT LENS WEARERS SHOULD WEAR REGULAR GLASSES.  
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**Section XI - Transportation Information**

Hazard Class: N.A.  
DOT Proper Shipping Name: NOT REGULATED.  
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**Section XII - Regulatory Information**

CERCLA/SUPERFUND,40 CFR 117,302: THIS PRODUCT DOES NOT CONTAIN ANY REPORTABLE QUANTITY (RQ) SUBSTANCE.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370): THIS PRODUCT CONTAINS MATERIAL THAT MAY REQUIRE REPORTING UNDER 311 AND 312 IF STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT CONTAINS ETHYLENE GLYCOL WHICH MAY REQUIRE REPORTING UNDER SECTION 313.

TOXIC SUBSTANCES CONTROL ACT (TSCA):  
This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIALS, THAT ARE CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.  
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**Section XIII - Addition Information**

NONE  
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N.D. = No Data N.A. = Not Applicable  
The information herein given in good faith but no warranty, express or implied, is made.