

**MATERIAL SAFETY DATA SHEET**

38745 &amp; 38750 ITEK MEGA PLATE ACTIVATOR

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 (CAN) 800-387-3143
General Phone: 636-532-4433	Date Prepared: February 14, 1995
Product Use: OFFSET PRINTING.	Prepared By: Kenneth W. Pinter

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

**HMIS RATING**

2 - 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.A.	N.A.	
SODIUM SULFITE	7757-83-7	3-7	N.A.	N.A.	
POTASSIUM HYDROXIDE	1310-58-3	3-7	2 mg/M3(C).	2 mg/M3(C).	
N-AMINO ETHYLETHANOLAMINE	111-41-1	1-5	N.A.	N.A.	
SODIUM HYDROXIDE	1310-73-2	1-5	2 mg/M3(C).	2 mg/M3(C).	(C): CEILING

**Section III - Physical Data**

Boiling POINT(F): > 212	pH: 13.8
Vapor Pressure(mm Hg): N.D.	Freezing Point(F): N.D.
Vapor Density (AIR = 1): N.D.	VOC: NONE
Specific Gravity (H2O=1): 1.102	Color And Odor: COLORLESS/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.  
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Hazardous Decomposition Products: NONE.  
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Hazardous | May Occur: | Conditions to Avoid: NONE.  
Polymerization | Will Not Occur: X |  
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**Section VI - Health Hazard Data (Acute and Chronic)**

Primary Route(s) of Entry: SKIN, INHALATION, INGESTION.  
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Oral Ingestion: CORROSION OF TISSUE MAY OCCUR. NAUSEA, VOMITING, OR ABDOMINAL PAIN POSSIBLE. LARGE DOSES OF SODIUM SULFITE MAY CAUSE CIRCULATORY DISTURBANCES AND CENTRAL NERVOUS SYSTEM DEPRESSION.  
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Eye Contact: IRRITATION OR BURNING MAY OCCUR WITH POSSIBLE TISSUE DESTRUCTION. MAY CAUSE MODERATE TO SEVERE CORNEAL INJURY, WITH IRITIS.  
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Skin Contact: REDDENING, SWELLING OR BURNING MAY OCCUR. PROLONGED OR REPEATED EXPOSURE MAY RESULT IN THE ABSORPTION OF POTENTIALLY HARMFUL AMOUNTS OF AMINOETHYLETHANOLAMINE.  
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Inhalation: CONCENTRATED MISTS MAY IRRITATE OR DAMAGE RESPIRATORY TRACT AND LUNGS. MAY CAUSE NAUSEA OR VOMITING.  
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Effects of Overexposure: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
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Medical Conditions Generally Aggravated by Exposure | SULFITES MAY CAUSE ALLERGIC REACTIONS IN SOME ASTHMATICS.  
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Carcinogenicity: NONE OF THE CHEMICALS USED IN THIS PRODUCT ARE LISTED ON NTP, IARC, OR OSHA LISTINGS OF CARCINOGENS.  
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Mutagenicity: NOT KNOWN TO BE MUTAGENIC.  
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Teratogenicity: NOT KNOWN TO BE TERATOGENIC.  
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Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.  
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**FIRST AID PROCEDURES**

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

Eye: FLUSH WITH WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION. CHECK FOR CORNEAL INJURY.

Skin: REMOVE CONTAMINATED CLOTHING. WASH THE EXPOSED AREA THOROUGHLY WITH WATER. CONTACT A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE RE-USE.

Inhalation: REMOVE TO FRESH AIR. IF ADVERSE SYMPTOMS DEVELOP, CONTACT A PHYSICIAN.  
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**Section VII - Toxicology Information**

Ingredient	Inhalation	Oral	Dermal
	LC50	LD50 (RATS)	LD50 (RABBITS)
WATER	N.A.	N.A.	N.A.
SODIUM SULFITE	N.D.	N.D.	N.D.
POTASSIUM HYDROXIDE	N.D.	365 mg/KG.	N.D.
N-AMINOETHYLETHANOLAMINE	N.D.	3000mg/KG	N.D.
SODIUM HYDROXIDE	N.D.	140-340mg/KG.	1350 mg/KG.

**Section VIII - Spill or Leak Procedure**

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

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AND SOAK UP WITH ABSORBANT MATERIAL. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

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

Ventilation: Local Exhaust: RECOMMEND SUFFICIENT GENERAL ROOM VENTILATION  
AND/OR LOCAL EXHAUST. Special: N.A. 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.

### 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.

### Section XI - Transportation Information

Hazard Class: 8 Label: Corrosive  
DOT Proper Shipping Name: Corrosive Liquids, N.O.S. (Potassium Hydroxide,  
Sodium Hydroxide), 8, UN1760, II  
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### Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117,302: THIS PRODUCT CONTAINS POTASSIUM HYDROXIDE AND  
SODIUM HYDROXIDE BOTH REPORTABLE QUANTITY (RQ) SUBSTANCES.

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  
DOES NOT CONTAIN ANY INGREDIENTS ON THE LIST OF TOXIC CHEMICALS.

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.

### 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.