

MATERIAL SAFETY DATA SHEET

38750 ITEK MEGA PLATE ACTIVATOR

Revision Date:1/1/06

Section I - Product Identification

Manufacturer's Name | Emergency Phone Number: (24 HOURS)
 Presstek | CHEMTREC @ (800)424-9300
 ----- | MSDS Request Phone Number:
 Street Address | 1-603-595-7000
 55 Executive Drive | -----
 ----- | For MSDS via Fax: 1-800-995-0088
 City, State, Zip Code | -----
 Hudson, NH 03051 | Date Prepared: February 14, 1995
 ----- |
 Product Use: PLATE ACTIVATOR. | Prepared By: Kenneth W. Pinter
 ----- |
 Chemical Name, Trade Name, Synonyms: CONTAINER SIZE: 1 GALLON.

HMIS RATING

2 - Health 0 - Flammability 0 - Reactivity A - 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.

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: SKIN, INHALATION, INGESTION.

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.

Eye Contact: IRRITATION OR BURNING MAY OCCUR WITH POSSIBLE TISSUE DESTRUCTION. MAY CAUSE MODERATE TO SEVERE CORNEAL INJURY, WITH IRITIS.

Skin Contact: REDDENING, SWELLING OR BURNING MAY OCCUR. PROLONGED OR REPEATED EXPOSURE MAY RESULT IN THE ABSORPTION OF POTENTIALLY HARMFUL AMOUNTS OF AMINOETHYLETHANOLAMINE.

Inhalation: CONCENTRATED MISTS MAY IRRITATE OR DAMAGE RESPIRATORY TRACT AND LUNGS. MAY CAUSE NAUSEA OR VOMITING.

Effects of Overexposure: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Medical Conditions Generally Aggravated by Exposure | SULFITES MAY CAUSE ALLERGIC REACTIONS IN SOME | ASTHMATICS.

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 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.

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 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.

Section IX - Special Protection Information

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

Respiratory Protection: NONE REQUIRED.

Protective Clothing: GLOVES.

Eye Protection: SPLASH GOGGLES.

Other Protective Equipment: LAB COAT.

Section X - Special Precautions

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

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

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

N.D. = No Data N.A. = Not Applicable

The information herein given in good faith but no warranty, express or
implied, is made.