

MATERIAL SAFETY DATA SHEET

13284 ITEK PROCESSOR CLEANER

Revision Date:1/1/06

Section I - Product Identification

Manufacturer's Name	Presstek	Emergency Phone Number (24 Hours)	CHEMTREC @ (800)424-9300
Street Address	55 Executive Drive	MSDS Request Phone Number:	1-603-595-7000
City, State, Zip Code	Hudson, NH 03051	For MSDS via Fax:	1-800-995-0088
Product Use:	PROCESSOR CLEANER.	Date Prepared:	February 13, 1995
Chemical Name, Trade Name, Synonyms:	N.D.	Prepared By:	Kenneth W. Pinter

HMIS RATING

4 - Health 0 - Flammability 1 - Reactivity D - Personal Protection

Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
SODIUM DICHROMATE	10588-01-9	10-15	0.1mg/M3.	0.1mg/M3.	
SULFAMIC ACID	5329-14-6	10-15	N.D.	N.D.	1mg/M3
WATER	7732-18-5	75-80	N.A.	N.A.	

Section III - Physical Data

Boiling POINT(F):	> 212	pH:	2.0
Vapor Pressure(mm Hg):	APPROX 17	Freezing Point(F):	N.D.
Vapor Density (AIR = 1):	N.D.	% Volatile By Volume:	75-80
Specific Gravity (H2O=1):	1.5	Color And Odor:	ORANGE-RED/AQUEOUS
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:	ANY APPLICABLE TO PRIMARY CAUSE OF FIRE.		
Special Fire Fighting Procedures:	WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WHEN ENTERING BUILDING.		
Unusual Fire And Explosion Hazards:	NONE.		

Section V - Reactivity Data

Stability	Unstable :	Conditions to Avoid:	N.A.
	Stable : X		

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Incompatibility (Materials to Avoid): OXIDIZING MATERIALS.

Hazardous Decomposition Products: SULFUR DIOXIDE.

Hazardous	May Occur:	Conditions to Avoid:
Polymerization	Will Not Occur: X	N.A.

Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN, EYES, INGESTION.

Oral Ingestion: MAY CAUSE IRRITATION OR CORROSION OF DIGESTIVE TRACT.

Eye Contact: MAY CAUSE IRRITATION OR DAMAGE TO TISSUE.

Skin Contact: MAY CAUSE IRRITATION TO NASAL MUCOUS MEMBRANES AND RESPIRATORY TRACT.

Inhalation: MAY CAUSE ULCERATION AND PERFORATION OF NASAL SEPTUM (DRY SODIUM-DICHROMATE).

Effects of Overexposure: MAY CAUSE SKIN AND EYE IRRITATION. MAY CAUSE NASAL MUCOUS MEMBRANES IRRITATION.

Medical Conditions Generally	N.D.
Aggravated by Exposure	

Carcinogenicity: SODIUM DICHROMATE KNOWN TO BE CARCINOGENIC.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: GIVE MAGNESIA, CHALK OR WHITING SUSPENDED IN WATER, IMMEDIATELY CALL A PHYSICIAN.

Eye: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, CONTACT A PHYSICIAN IMMEDIATELY

Skin: WASH WITH SOAP AND WATER FOR 15 MINUTES, IF IRRITATION OCCURS, CONTACT A PHYSICIAN.

Inhalation: REMOVE TO FRESH AIR.

Section VII - Toxicology Information

Ingredient	Inhalation LC50	Oral LD50 (RATS)	Dermal LD50 (RABBITS)
WATER	N.D.	N.D.	N.D.
SODIUM DICHROMATE	124.4mg/M3.	51.1mg/KG.	1.0g/KG.
SULFRIC ACID	N.D.	1.6mg/KG.	N.D.

Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled: DIKE SPILL AND SOAK UP WITH SAND OR A COMMERCIALY AVAILABLE ACID SPILL KIT. SWEEP UP ABSORBANT

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AND PLACE IN HAZARDOUS WASTE CONTAINER.

Disposal Method: IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Section IX - Special Protection Information

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

Respiratory Protection: NONE.

Protective Clothing: LATEX, RUBBER OR NEOPRENE, WATER PROOF.

Eye Protection: CHEMICAL SAFETY GOGGLES OR SPLASH SHIELD.

Other Protective Equipment: RUBBER OR PLASTIC APRON. WORK CLOTHES TO PROTECT FROM SKIN CONTACT.

Section X - Special Precautions

Precautions to be taken in Handling and Storing: STORE IN WELL VENTILATED AREA KEEP CONTAINER TIGHTLY CLOSED. REMOVE AND WASH CONTAMINATED CLOTHING IMMEDIATELY. DO NOT STORE NEAR HEAT.

Other Precautions: DO NOT STORE FOOD, DRINK OR TOBACCO IN AREA WHERE THEY BECOME CONTAMINATED WITH THIS MATERIAL.

Section XI - Transportation Information

Hazard Class: 8 Labels: None
DOT Proper Shipping Name: Sulfamic Acid Solution, 8, UN2967, III, Ltd. Qty.

Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117,302: THIS PRODUCT CONTAINS SODIUM DICHROMATE A REPORTABLE (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 CHROMIUM COMPOUNDS THAT MAY REQUIRE REPORTING UNDER SECTION 313.

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

California Proposition 65: N.D.

Section XIII - Addition Information

FOR INDUSTRIAL USE ONLY. ALL LABELED PRECAUTIONS MUST BE OBSERVED WHEN HANDLING, STORING AND TRANSPORTING EMPTY CONTAINERS DUE TO PRODUCT RESIDUES. DO NOT RE-USE CONTAINERS. TRIPLE RINSE CONTAINERS BEFORE DISPOSAL. DISPOSE OF IN A LICENSED FACILITY. RECOMMENDED CRUSHING OR OTHER MEANS TO PREVENT RE-USE.

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

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