

**MATERIAL SAFETY DATA SHEET**

4-4976 INK ROLLER CONDITIONER

Revision Date:1/1/09

**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:	OFFSET PRINTING.	Date Prepared:	February 2, 1995
		Prepared By:	Kenneth W. Pinler
Chemical Name, Trade Name, Synonyms: NONE.			

**HMIS RATING**

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

**Section II - Hazardous Ingredients**

Hazardous Components	CAS NO.	% WT.	Exposure Limits			
			OSHA PEL	ACGIH TLV	OTHER	
SODIUM BISULFATE	7681-38-1	4-6	NOT ESTABLISHED.	NOT ESTABLISHED.	0.5 PPM	

**Section III - Physical Data**

Boiling POINT(F):	ca.215	pH:	1.0
Vapor Pressure(mm Hg):	N.D.	Freezing Point(F):	30
Vapor Density (AIR = 1):	N.D.	VOC:	NONE
Specific Gravity (H2O=1):	1.03	Color And Odor:	ORANGE / NONE
Odor Threshold:	N.D.	Physical State:	LIQUID.
Evaporation Rate (Butyl Acetate = 1):	N.D.		
Solubility in Water:	COMPLETELY		

**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:	N.A.		
Special Fire Fighting Procedures:	N.A.		
Unusual Fire And Explosion Hazards:	N.A.		

**Section V - Reactivity Data**

Stability	Unstable :	Conditions to Avoid:	CORROSIVE TO STEEL.
	Stable : X		

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Incompatibility (Materials to Avoid): BASES / CYANIDES / SULFIDES AND CARBIDES.

Hazardous Decomposition Products: MAY LIBRATE Na<sub>2</sub>O AND OXIDES OF SULPHUR.

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, EYE.

Oral Ingestion: SLIGHT HAZARD.

Eye Contact: MAY CAUSE IRRITATION OR BURN EYES

Skin Contact: ACIDIC SOLUTION MAY CAUSE IRRITATION.

Inhalation: NO KNOWN PROBLEMS.

Effects of Overexposure: NO KNOWN PROBLEMS.

Medical Conditions Generally	NONE KNOWN.
Aggravated by Exposure	

Carcinogenicity: CONTAINS NO MATERIALS THAT ARE CONSIDERED TO BE CARCINOGENS BY NTP / IARC OR OSHA.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

#### FIRST AID PROCEDURES

Ingestion: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LOTS OF WATER. SEEK MEDICAL ATTENTION.

Eye: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CALL A PHYSICIAN

Skin: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN.

Inhalation: N.A.

### Section VII - Toxicology Information

Ingredient	Inhalation LC50	Oral LD50 (RATS)	Dermal LD50 (RABBITS)
SODIUM BISULFATE	N.D.	2828 mg/KG	N.D.

### Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:  
WIPE UP WITH DRY OR DAMP CLOTH.

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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: N.A.                      Special: N.A.  
   Mechanical (General): ACCEPTABLE.                      Other: N.A.

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Respiratory Protection: NONE.  
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Protective Clothing: WEAR IMPERVIOUS GLOVES WHEN THERE IS REPEATED OR  
   PROLONGED CONTACT.  
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Eye Protection: SPLASH GOGGLES.  
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Other Protective Equipment: NONE.  
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### Section X - Special Precautions

Precautions to be taken in Handling and Storing: WILL FREEZE BUT IS USABLE  
AFTER THAWING. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID EYE AND SKIN  
CONTACT. KEEP AWAY FROM CHILDREN.  
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Other Precautions: N.A.  
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### Section XI - Transportation Information

Hazard Class: 8                      Label: None  
DOT Proper Shipping Name: Corrosive Liquids, N.O.S. (Sodium Hydrogen Sulfate),  
   8, UN1760, III, Ltd. Qty.  
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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 & 312

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 MATERIAL, THAT  
ARE 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.