

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List)
 FIBER ETCH Fabric Remover /

Note: Blank spaces are not permitted. If any item is not applicable, or no
 information is available, the space must be marked to indicate that.

Section I Paper Etch Dissolving Gel

Emergency Telephone Number
 Contact your local poison control center
 Telephone Number for Information
 (816) 891-7774
 Date Prepared
 August 2001
 Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Bisulfate CAS 7681-38-1	None established	None established		

Hazard Classification (DOT): Not classified as hazardous
 OSHA Hazard Communications Health Hazard Classification: Irritant
 Section 312 or SARA Title III Hazard Category: Acute
 Hazardous Materials Identification System (HMIS) rating 1-0-1-F
 National Fire Protection Association (NFPA) rating: 1-0-1

Section III - Physical/Chemical Characteristics

Boiling Point	212F	Specific Gravity (H ₂ O = 1)	WPG = 9.09
Vapor Pressure (mm Hg.) Heavier than air		Melting Point	350 degrees F
Vapor Density (AIR = 1) of water		Evaporation Rate (Butyl Acetate = 1)	Not applicable
Solubility in Water	100% soluble		
Appearance and Odor	Light beige gel - slight odor		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Does not burn	Flammable Limits NA	LEL NA	UEL NA
Extinguishing Media	Water or dry chemical		
Special Fire Fighting Procedures	Wear acid protective equipment. If temperatures greater than 570 degrees are reached, self-contained breathing apparatus should be worn.		
Unusual Fire and Explosion Hazards	Precautions for exposure to a weak sulfuric acid should be followed.		

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable X		

Incompatibility (Materials to Avoid) Avoid contact with strong alkaline materials such as caustic. Do not mix with bleach, ammonia cleanser, or similar products.

Hazardous Decomposition or Byproducts None unless heated over 570 degrees F, at which product will decompose, generating oxides of sulfur.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur X		

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation? Irritant	Skin? Irritant	Ingestion? Irritant
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Health Hazards (Acute and Chronic)

Eyes - mild to severe irritation or burning

Skin - mild to moderate irritation or burning

Ingestion/Inhalation - may irritate or burn nose, throat, stomach, and lungs.

Carcinogenicity:	NTP? Not carcinogenic by NTP, IARC, or OSHA	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure

Irritation, burns, or discomfort

Medical Conditions

Generally Aggravated by Exposure Skin rashes, respiratory conditions (such as asthma)

Emergency and First Aid Procedures

Seek prompt medical attention if symptoms persist. Eyes - immediately flush with water for at least 15 min. Skin - Thoroughly flush with water/and or soap and water to remove.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Containment technique: Diking

Inhalation - Seek fresh air.

Ingestion - Do not induce vomiting. Call poison control center or physician.

If recovery is not feasible, mix w/dry soil, sand, or non-reactive adsorbent and place in a container or dumpster pending disposal. Neutralize balance of spill w/weak alkaline

Waste Disposal Method and wash down to sewer if in accordance with local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing

Avoid contact with skin, eyes, or clothing. Keep containers tightly closed.

Other Precautions

Spilled gel is very slippery. Use care to avoid falls. Keep out of the reach of children.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

Normal ventilation should be adequate under normal use.

Ventilation	Local Exhaust Adequate	Special none
	Mechanical (General) Acceptable	Other none known

Protective Gloves

Suggested

Eye Protection

none required under normal use

Other Protective Clothing or Equipment

none needed

Work/Hygienic Practices

Eyewash/water capabilities should be available.