

**Fister**

80 Mill Street. Roswell, GA 30075  
Ph: 800-339-9534 Fax: 770 587 2321

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**Material Safety Data Sheet**

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910, 1200

Identity As used on label and List

Section I **Expose It Surface Retarder – Regular or Deep**

Manufacturer's Name: Fister/Unitex Emergency Telephone no: 800-424-9300  
3101 Gardner Telephone no: 818 231-7700  
Kansas City, MO 64120 Date Prepared: 01-20-06

Section II – Hazardous Ingredients/ Identity Information

Hazardous Components (specific Identity Common name's)

	OSHA PEL	ACGIH TLV	Other Limits
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Aqueous Solution Containing  
Organic Acid

CAS #526-95-4	N/A	N/A	N/A <20%
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Transportation Information

Proper Shipping name: Corrosive liquid, Organic, n.o.s. (gluconic acid)  
Hazard Class: 8, UN3265, PGIII  
Label Requirement: Corrosive  
Reportable Quantity: None  
Limitations: Freezable at 32 degrees

Section III – Physical/Chemical Characteristics:

Boiling Point:	212 F		
Vapor Pressure at 20 C.	ND	Specific gravity:	1.04. Water = 1
Vapor density (air +1)	ND	Ph Value:	4.0
Solubility in water:	Soluble	Weight per gallon	8.68
Odor:	Negligible		

Section IV- Fire and Explosion Hazard Data:

Flash Point (method used): NA  
Flammable limits: LEL:N/D UEL: N/D  
Extinguishing media Water  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards:Not established

Section V- Reactivity data:

Stability: Stable  
Incompatibility (materials to avoid): Usual incompatibility of organic acids (alkali)  
Hazardous Decomposition products: Not established

Hazardous Polymerization: Will not occur Conditions to avoid: N/A  
Conditions to avoid: N/A

#### Section VI – Health Hazard Data

##### Symptoms overexposure

Inhalation: Not expected  
Eyes: Can cause severe irritation, redness, tearing, blurred vision.  
Skin: Prolonged or repeated contact can cause moderate irritation, defatting dermatitis.  
Ingestion: Can cause gastrointestinal irritation.

##### Emergency first aid procedures:

Eyes: Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.  
Skin: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing prior to re-use.  
Ingestion: Rinse mouth with water. Drink 2 glasses of water. Do not induce vomiting. If vomiting begins lower victims head in an effort to prevent vomitus from entering lungs. Aspiration of materials into the lungs due to vomiting can cause chemical pneumonitis which can be fatal. Contact physician. Never give anything by mouth to an unconscious person.

#### Section VIII – Control measures.

Respiratory Protection: Use a NIOSH/MSHA approved respirator if ventilation is inadequate.  
Ventilation: Mechanical general ventilation is usually adequate.  
Protective gloves: Wear resistant gloves such as Buna-N  
Eye protection: Wear chemical splash goggles in compliance with OSHA regulations.  
Other protective Clothing: Wear impervious clothing and boots to prevent repeated or prolonged skin contact.  
Work/Hygenic practices: Corrosion resistant plastic containers should be used. Store away from Strong oxidizing agents and acids. Avoid contact with reactive metals (iron, Zinc, Aluminum).

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Disclaimer or Warranties: Neither manufacturer nor seller have any knowledge or control concerning the purchasers use of the product.  
No expressed warranty is made by manufacturer or seller with respect to the results of any use of the product or container that the product comes in. No implied warranties including, but limited to, an implied warranty of merchantability or an implied fitness for a particular purpose are made with respect to the product. Neither manufacturer nor seller assume any liability for personal injury, loss or damage resulting from the use of the product. In the event that the product shall prove defective, buyers exclusive remedy shall be as follows: Seller or manufacturer shall, upon request of buyer, replace any quantity of the product which is proved to be defective or shall, at its option, refund the purchase price of the product upon returned of the product. Manufacturer shall not be responsible for the use of this product in a manner to infringe on any patent by others.