



MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008
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REVISION NUMBER: 2
PREPARED BY: Walter Friedlander

1. CHEMICAL PRODUCT

PRODUCT NAME: **TEX ETCH PLUS, Acidic Fountain Solution**

PRODUCT CODE: 117791

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1 Fire: 0/0
Reactivity: 0/0 Special/Protective Equipment: None/B

NAME OF THE MANUFACTURER: Rochester Midland Corporation
333 Hollenbeck Street
Rochester, New York 14621
Information: 585-336-2200
Emergency Phone:
INFOTRAC: 1-800-535-5053
OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Causes vomiting, nausea, and diarrhea. May cause central nervous system effects. May cause liver and kidney damage.
SKIN CONTACT: Prolonged contact may lead to irritation and dermatitis.
INHALATION: None in normal use. Inhalation of dust or mist may cause nose and respiratory irritation.
EYE CONTACT: Causes moderate eye irritation.
CHRONIC EFFECTS: Sensitizer.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Dipropylene glycol methyl ether 34590-94-8	1 - 5	100 ppm	NA
Gum Arabic 9000-01-5	5 - 10	NA	NA
Propylene glycol methyl ether 107-98-2	1 - 5	100 ppm	NA
Hydroxyacetic acid 79-14-1	1 - 5	NA	NA
Ethylene glycol 107-21-1	7	NA	NA
Magnesium nitrate 10213-15-7	1.4	NA	NA

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person.
SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation or burns develop.

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4. FIRST AID MEASURES

INHALATION:	If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
EYES:	In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
NOTES TO PHYSICIAN:	None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F):	None (C): NA
METHOD:	No data

FLAMMABLE LIMITS IN AIR

- LOWER (%):	None
- UPPER (%):	None

SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	Water fog, carbon dioxide, foam, dry chemical.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:	Rinse down drain.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water. Releases of some glycol ethers may be CERCLA reportable.

PERSONAL PRECAUTIONS:	NA
ENVIRONMENTAL PRECAUTIONS:	NA
METHODS FOR CLEANING UP:	NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Avoid creating mists or aerosols. Keep from freezing.
OTHER PRECAUTIONS:	Keep out of reach of children. Read and follow label instructions.
SPECIFIC USE(S):	NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	None normally required. Use NIOSH approved respirator with dust/mist filter as needed to meet exposure limits of mist in air.
PROTECTIVE GLOVES:	Rubber or plastic gloves recommended to minimize skin contact.
EYE PROTECTION:	Goggles.
OTHER PERSONAL PROTECTION EQUIPMENT:	Appropriate protective clothing as needed to prevent skin contact.
VENTILATION:	General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Hazy. Yellow liquid. Mild odor.
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9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	212 F	(C) NA
VAPOR PRESSURE:	15.7 mm Hg @ 22.2 C	
VAPOR DENSITY (AIR=1):	0.625	
SOLUBILITY IN WATER:	NA	
SPECIFIC GRAVITY:	1.07 +/- 0.01; 8.91 #/gal.	
VOC Content (%):	85 (Per EPA Method 24; 1.40 #/gal.)	
VOV Content (%):	NE	
EVAPORATION RATE:	(BuAc = 1) : 1.26	
PH:	3.6 (typical)	

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	When heated to high temperatures, the following may be produced: Oxides of Carbon. Oxides of Phosphorus. Oxides of Nitrogen.
INCOMPATIBILITY (MATERIALS TO AVOID):	Do not mix with: Reducing agents.
CONDITIONS/HAZARDS TO AVOID:	None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	NE
EFFECTS OF CHRONIC EXPOSURE:	NE
OTHER TOXIC EFFECTS:	NE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	NA
PERSISTENCE/DEGRADABILITY:	NA
BIOACCUMULATIVE POTENTIAL:	NA
OTHER ADVERSE EFFECTS:	NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Dispose in accordance with Federal, State and Local regulations.
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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

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15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed	Listed	Listed	Not Listed
Gum Arabic 9000-01-5	5 - 10	Listed	Listed	Listed	Not Listed
Propylene glycol methyl ether 107-98-2	1 - 5	Listed	Listed	Listed	Not Listed
Hydroxyacetic acid 79-14-1	1 - 5	Listed	Listed	Listed	Not Listed
Ethylene glycol 107-21-1	7	Listed	Listed	Listed	Not Listed
Magnesium nitrate 10213-15-7	1.4	Not Listed	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Not Listed	Not Listed	Listed
Gum Arabic 9000-01-5	5 - 10	Not Listed	Not Listed	Not Listed
Propylene glycol methyl ether 107-98-2	1 - 5	Not Listed	Not Listed	Not Listed
Hydroxyacetic acid 79-14-1	1 - 5	Not Listed	Not Listed	Not Listed
Ethylene glycol 107-21-1	7	2270 kg 5000 lb	Not Listed	Listed
Magnesium nitrate 10213-15-7	1.4	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed
Gum Arabic 9000-01-5	5 - 10	Listed
Propylene glycol methyl ether 107-98-2	1 - 5	Listed
Hydroxyacetic acid 79-14-1	1 - 5	Listed
Ethylene glycol 107-21-1	7	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed
Propylene glycol methyl ether 107-98-2	1 - 5	Listed
Ethylene glycol 107-21-1	7	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

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PRODUCT COMPOSITION CAS#	%	NJRTK:
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed
Gum Arabic 9000-01-5	5 - 10	Listed
Propylene glycol methyl ether 107-98-2	1 - 5	Listed
Ethylene glycol 107-21-1	7	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Dipropylene glycol methyl ether 34590-94-8	1 - 5	Listed
Propylene glycol methyl ether 107-98-2	1 - 5	Listed
Ethylene glycol 107-21-1	7	Listed

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***