

**1. Identification**

<b>Material name</b>	<b>PAD ETCH 16:3:3 W/OHS, CPG GRADE</b>
<b>Issue date</b>	30-June-2014
<b>Revision date</b>	15-September-2021
<b>Supersedes date</b>	04-October-2018
<b>Other means of identification</b>	
<b>Spec ID</b>	100000002077
<b>Synonyms</b>	None.
<b>Recommended use</b>	Etchant used in semiconductor manufacturing.
<b>Recommended restrictions</b>	None known.
<b>Supplier information</b>	
	FUJIFILM Electronic Materials U.S.A., Inc. 80 Circuit Drive North Kingstown RI 02852 Transportation Emergency: FOR ALL TRANSPORTATION ACCIDENTS, CALL CHEMTREC: 1-800-424-9300 Medical Emergency (24HR): FOR ANY HEALTH & MEDICAL EMERGENCY, 24 HOURS /7 DAYS CALL: 1-800-365-8951 Non-emergency Telephone: FOR ALL SDS REQUESTS & QUESTIONS, CALL CUSTOMER SERVICE: 1-800-553-6546
<b>SDS file</b>	10382_US_EN_V3.0
<b>Replaces file</b>	10382_US_EN_V2.0

**2. Hazard(s) identification**

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Acute toxicity, oral	Category 3
	Acute toxicity, dermal	Category 3
	Acute toxicity, inhalation	Category 3
	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Specific target organ toxicity, repeated exposure (oral)	Category 2 (Kidney)
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Danger
<b>Hazard statement</b>	Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled. Causes severe skin burns and eye damage. May cause damage to organs (Kidney) through prolonged or repeated exposure by ingestion.
<b>Precautionary statement</b>	
<b>Prevention</b>	Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe mist/vapors. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling.
<b>Response</b>	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up.

<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

### 3. Composition/information on ingredients

#### Mixture

Chemical name	CAS number	%
Ammonium fluoride	12125-01-8	25 - 30
Phosphoric acid	7664-38-2	10 - 20
Ethylene glycol	107-21-1	10 - 15

The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

<b>Inhalation</b>	Immediately remove from further exposure. Get immediate medical assistance. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Give supplemental oxygen, if available. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
<b>Skin contact</b>	In case of accidents: Call an ambulance immediately! Remove contaminated clothes and rinse skin thoroughly with water for at least 15 minutes. Chemical burns must be treated by a physician.
<b>Eye contact</b>	Flush thoroughly with water for at least 15 minutes. Get immediate medical assistance. If medical assistance is not immediately available, flush an additional 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing.
<b>Ingestion</b>	In case of ingestion: Call an ambulance immediately! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Lay on the side.
<b>Most important symptoms/effects, acute and delayed</b>	Inhalation: Vapors may cause drowsiness and dizziness. Eye contact: Prolonged contact causes serious eye and tissue damage. Skin contact: May cause serious chemical burns to the skin.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media</b>	None.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Containers close to fire should be removed or cooled with water.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Avoid any exposure. If leakage cannot be stopped, evacuate area. Wear suitable protective clothing. See Section 8 of the SDS for Personal Protective Equipment.
<b>Methods and materials for containment and cleaning up</b>	Absorb spillage with suitable absorbent material. Collect in containers and seal securely. For waste disposal, see Section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground unless authorized by permit.

### 7. Handling and storage

<b>Precautions for safe handling</b>	Should be handled in closed systems, if possible. Avoid any exposure. Wear approved safety goggles. Wear protective gloves and appropriate clothing to prevent skin contact. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in closed original container in a dry place. Store above 21°C. Store away from incompatible materials.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ammonium fluoride (CAS 12125-01-8)	PEL	2.5 mg/m <sup>3</sup>
Phosphoric acid (CAS 7664-38-2)	PEL	1 mg/m <sup>3</sup>

#### US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value	Form
Ammonium fluoride (CAS 12125-01-8)	TWA	2.5 mg/m <sup>3</sup>	Dust.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Ammonium fluoride (CAS 12125-01-8)	TWA	2.5 mg/m <sup>3</sup>	
Ethylene glycol (CAS 107-21-1)	STEL	10 mg/m <sup>3</sup>	Aerosol, inhalable.
		50 ppm	Vapor fraction
	TWA	25 ppm	Vapor fraction
Phosphoric acid (CAS 7664-38-2)	STEL	3 mg/m <sup>3</sup>	
	TWA	1 mg/m <sup>3</sup>	

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ammonium fluoride (CAS 12125-01-8)	TWA	2.5 mg/m <sup>3</sup>
Phosphoric acid (CAS 7664-38-2)	STEL	3 mg/m <sup>3</sup>
	TWA	1 mg/m <sup>3</sup>

### Biological limit values

#### ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Ammonium fluoride (CAS 12125-01-8)	3 mg/l	Fluoride	Urine	*
	2 mg/l	Fluoride	Urine	*

\* - For sampling details, please see the source document.

**Appropriate engineering controls** If enclosed handling cannot be guaranteed, ventilation and protective clothing must be used.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear approved safety goggles.

#### Skin protection

**Hand protection** Wear protective gloves impervious to the chemicals in use.

**Other** Also wear appropriate clothing to prevent any possibility of skin contact. Suitable items can be recommended by the protective equipment supplier or by a qualified industrial hygienist.

#### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 1910.134. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

Physical state	Liquid.
Form	Liquid.
Color	Colorless to pale yellow.

**Odor** Mild ammonia.

**Odor threshold** No data available.

**pH** 4.6 - 7 (25°C)

**Melting point/freezing point** 50 °F (10 °C) / 10

**Initial boiling point and boiling range** No data available (not measured).

**Flash point** Not applicable (the product is not flammable).

**Evaporation rate** < 1 (Water = 1)

**Flammability (solid, gas)** Not applicable.

### Upper/lower flammability or explosive limits

**Explosive limit - lower (%)** Not applicable (the product is not flammable).

**Explosive limit - upper (%)** Not applicable (the product is not flammable).

**Vapor pressure** No data available (not measured).

**Vapor density** No data available (not measured).

**Relative density** 1.19 - 1.2

### Solubility(ies)

**Solubility (water)** Completely miscible in water.

**Partition coefficient (n-octanol/water)** No data available (not measured).

**Auto-ignition temperature** Not applicable (the product is not flammable).

**Decomposition temperature** No data available (not measured).

**Viscosity** No data available (not measured).

### Other information

**Density** 1.19 - 1.2 g/cc

**Kinematic viscosity** No data available (not measured).

**Molecular weight** Not applicable (The product is a mixture).

**Particle size** Not applicable (the material is a liquid).

**Percent volatile** 30 - 55 %

## 10. Stability and reactivity

**Reactivity** Stable at normal conditions.

**Chemical stability** Stable under normal temperature conditions.

**Possibility of hazardous reactions** Will not occur.

**Conditions to avoid** High temperatures.

**Incompatible materials** Strong oxidizing agents. Strong acids. Strong bases. Cyanides. Sulfides. Metals.

**Hazardous decomposition products** At elevated temperatures: Hydrogen fluoride. Nitrogen oxides. Phosphorus oxides. Hydrogen. Ammonia.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** Toxic if inhaled. Causes respiratory tract irritation. May cause central nervous system effects. High concentrations: May cause lung damage.

**Skin contact** Toxic in contact with skin. Causes severe skin burns. The product contains components which may penetrate skin.

**Eye contact** Causes serious eye damage.

**Ingestion** Toxic if swallowed. Causes digestive tract irritation. May cause damage to the kidneys.

**Symptoms related to the physical, chemical and toxicological characteristics** Inhalation: Vapors may cause drowsiness and dizziness. Eye contact: Prolonged contact causes serious eye and tissue damage. Skin contact: May cause serious chemical burns to the skin.

### Information on toxicological effects

**Acute toxicity** Toxic if swallowed, in contact with skin or if inhaled.

Components	Species	Test Results
Ammonium fluoride (CAS 12125-01-8)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg, 24 Hours
<b>Inhalation</b>		
<i>Dust</i>		
LC50	Rat	1 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	148.5 mg/kg
Ethylene glycol (CAS 107-21-1)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Mouse	> 3500 mg/kg
<b>Inhalation</b>		
LC50	Rat	> 2.5 mg/l, 6 Hours
<b>Oral</b>		
LD50	Rat	7712 mg/kg
Phosphoric acid (CAS 7664-38-2)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	2740 mg/kg
<b>Oral</b>		
LC50	Rat	2600 mg/kg (Approximate)
<b>Skin corrosion/irritation</b>	Causes severe skin burns.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Due to lack of data the classification is not possible.	
<b>Skin sensitization</b>	Due to lack of data the classification is not possible.	
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.	
<b>Carcinogenicity</b>	Due to lack of data the classification is not possible.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Ammonium fluoride (CAS 12125-01-8)	3 Not classifiable as to carcinogenicity to humans.	
<b>NTP Report on Carcinogens</b>		
Not listed.		
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)</b>		
Not listed.		
IARC: 1 = Carcinogenic to Humans; There is sufficient evidence of carcinogenicity in humans. 2A = Probably Carcinogenic to Humans; There is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals. 2B = Possibly Carcinogenic to Humans; There is limited evidence of carcinogenicity in humans and less than sufficient evidence of carcinogenicity in experimental animals. 3 = Not classifiable as to carcinogenicity to humans; The evidence of carcinogenicity is inadequate in humans and inadequate or limited in experimental animals. 4 = Probably not carcinogenic to humans; There is inadequate evidence of carcinogenicity in humans but evidence suggesting lack of carcinogenicity in experimental animals. Not listed = Not evaluated by IARC.		
<b>Reproductive toxicity</b>	Due to lack of data the classification is not possible.	
<b>Specific target organ toxicity - single exposure</b>	Due to lack of data the classification is not possible.	
<b>Specific target organ toxicity - repeated exposure</b>	May cause damage to organs (Kidney) through prolonged or repeated exposure by ingestion.	
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.	
<b>Chronic effects</b>	Prolonged overexposure to fluorides may increase fluoride content of bones and teeth, and may result in fluorosis, with mottling of teeth (in children) and brittleness of bones. Absorbed fluoride can cause metabolic imbalances with irregular heartbeat, nausea, dizziness, vomiting and seizures. Risk of hypocalcemia with nervous problems (tetany) and cardiac arrhythmia. May cause lung damage. Ethylene glycol: Suspected carcinogen. Experimental teratogen. Human mutagenic data. Can cause cardiovascular effects.	

## 12. Ecological information

<b>Ecotoxicity</b>	The product contains a substance which is toxic to aquatic organisms.		
<b>Components</b>	<b>Species</b>	<b>Test Results</b>	
Ammonium fluoride (CAS 12125-01-8)			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	2.94 mg/l, 48 hours
Fish	LC50	Cyprinus carpio	209 mg/l, 96 hours
Ethylene glycol (CAS 107-21-1)			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 hours
Fish	LC50	Pimephales promelas	> 72860 mg/l, 96 hours
Phosphoric acid (CAS 7664-38-2)			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 hours
Fish	LC50	Oryzias latipes	75.1 mg/l, 96 hours
<b>Persistence and degradability</b>	The product contains inorganic compounds which are not biodegradable.		
<b>Bioaccumulative potential</b>	The product is not expected to bioaccumulate.		
<b>Octanol/water partition coefficient log Kow</b>			
Ammonium fluoride (CAS 12125-01-8)		-4.37	
Ethylene glycol (CAS 107-21-1)		-1.36	
<b>Mobility in soil</b>	This product is miscible in water and may not disperse in soil.		
<b>Other adverse effects</b>	This product contains one or more substances identified as hazardous air pollutants (HAPs) per the US Federal Clean Air Act (see section 15).		

## 13. Disposal considerations

<b>Disposal instructions</b>	Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.
<b>Hazardous waste code</b>	Not regulated.
<b>Waste from residues / unused products</b>	Dispose of waste and residues in accordance with local authority requirements.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

<b>DOT</b>	
<b>UN number</b>	UN1760
<b>UN proper shipping name</b>	Corrosive liquids, n.o.s. (Ammonium fluoride, Phosphoric acid)
<b>Transport hazard class(es)</b>	
<b>Class</b>	8
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	8
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	IB3, T7, TP1, TP28
<b>Packaging exceptions</b>	154
<b>Packaging non bulk</b>	203
<b>Packaging bulk</b>	241
<b>IATA</b>	
<b>UN number</b>	UN1760
<b>UN proper shipping name</b>	Corrosive liquid, n.o.s. (Ammonium fluoride, Phosphoric acid)
<b>Transport hazard class(es)</b>	
<b>Class</b>	8
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	Corrosive
<b>Packing group</b>	III
<b>Environmental hazards</b>	No
<b>ERG Code</b>	8L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**IMDG**

**UN number** UN1760  
**UN proper shipping name** CORROSIVE LIQUID, N.O.S. (Ammonium fluoride, Phosphoric acid)  
**Transport hazard class(es)**  
**Class** 8  
**Subsidiary risk** -  
**Packing group** III  
**Environmental hazards**  
**Marine pollutant** No  
**EmS** F-A, S-B  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**15. Regulatory information**

**US federal regulations** This product is hazardous according to OSHA 29 CFR 1910.1200.  
 TSCA Section 4(a) Final Test Rules & Testing Consent Orders: Not regulated.  
 TSCA Section 5(e) PMN-Substance Consent Orders: Not regulated.  
 SARA 311/312 Hazard categories: see Section 2 of the SDS.

**Drug Enforcement Administration (DEA). List 1(i), Precursor Chemicals (21 CFR 1310.02(a) and 1310.04(f)(1))**  
 Not listed.

**TSCA Section 5(a)(2) Final Significant New Use Rules (SNURs)(40CFR 721, Subpt. E)**  
 Not regulated.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**  
 Not regulated.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**  
 Ethylene glycol (CAS 107-21-1)

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration**  
 Ammonium fluoride (CAS 12125-01-8) 1.0 %  
 Ethylene glycol (CAS 107-21-1) 1.0 %

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**  
 Ammonium fluoride (CAS 12125-01-8) Listed.  
 Ethylene glycol (CAS 107-21-1) Listed.

**CERCLA Hazardous Substances reportable quantity (lbs) (40 CFR 302.4)**  
 Ammonium fluoride (CAS 12125-01-8) 100  
 Ethylene glycol (CAS 107-21-1) 5000  
 Phosphoric acid (CAS 7664-38-2) 5000

**Safe Drinking Water Act (SDWA)** Contains component(s) regulated under the Safe Drinking Water Act.

**Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)** Not controlled

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

All ingredients are TSCA compliant.

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

**State regulations****US. Massachusetts RTK - Substance List**

Ammonium fluoride (CAS 12125-01-8) Listed.  
 Ethylene glycol (CAS 107-21-1) Listed.  
 Phosphoric acid (CAS 7664-38-2) Listed.

**US. New Jersey Worker and Community Right-to-Know Act**

Ammonium fluoride (CAS 12125-01-8)  
 Ethylene glycol (CAS 107-21-1)  
 Phosphoric acid (CAS 7664-38-2)

## US. Pennsylvania Worker and Community Right-to-Know Law

Ammonium fluoride (CAS 12125-01-8)

Ethylene glycol (CAS 107-21-1)

Phosphoric acid (CAS 7664-38-2)

## US. Rhode Island RTK

Ammonium fluoride (CAS 12125-01-8)

Listed.

Ethylene glycol (CAS 107-21-1)

Listed.

Phosphoric acid (CAS 7664-38-2)

Listed.

## California Proposition 65



**WARNING:** This product can expose you to Ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).  
Not applicable for industrial use.

## California Proposition 65 - CRT: Listed date/Developmental toxin

Ethylene glycol (CAS 107-21-1)

Listed: June 19, 2015

## US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Ethylene glycol (CAS 107-21-1)

Phosphoric acid (CAS 7664-38-2)

## 16. Other information, including date of preparation or last revision

<b>Further information</b>	HMIS® is a registered trade and service mark of the ACA. G - Safety Glasses, Gloves, Vapor Respirator
<b>HMIS® ratings</b>	Health: 3* Flammability: 0 Physical hazard: 0
<b>NFPA ratings</b>	Health: - Flammability: - Instability: -
<b>List of abbreviations</b>	LD50: Lethal Dose 50%. LC50: Lethal Concentration 50%. EC50: Effective Concentration 50%.
<b>Disclaimer</b>	THIS SAFETY DATA SHEET (SDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. THE INFORMATION IN THIS SDS SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. FUJIFILM ELECTRONIC MATERIALS BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION BUT, MAKES NO WARRANTY THAT IT IS. ADDITIONALLY, IF THIS SDS IS MORE THAN THREE YEARS OLD, YOU SHOULD CONTACT FUJIFILM ELECTRONIC MATERIALS AT THE PHONE NUMBER 1-800-553-6546 (CUSTOMER SERVICE) TO MAKE CERTAIN THAT THIS DOCUMENT IS CURRENT.
<b>This SDS contains revisions in the following section(s):</b>	1, 3, 9, 11, 12, 15, 16.
<b>SDS file</b>	10382_US_EN_V3.0
<b>Replaces file</b>	10382_US_EN_V2.0