

MITSUBISHI

Graphic Arts Systems

Technical Information



Material Safety Data Sheet (continued)

Deletion Fluid (OE)

SECTION 6: TOXICITY AND HEALTH HAZARD DATA

Carcinogenicity:

NTP: N/A

IARC Monographs: N/A

OSHA Regulated: N/A

None of the chemicals used in this product are listed on NTP, IARC or OSHA listings of human carcinogens.

EXPOSURE EFFECTS

Eye Contact: Can cause irritation.

Skin Contact: Can cause irritation.

Ingestion: Irritation of mucous membranes.

Inhalation: Take patient to fresh air.

Medical Conditions Aggravated By Exposure: No medical conditions known to be aggravated by exposure to this product.

FIRST AID

Eye: Flush with water thoroughly. Obtain medical attention.

Skin: Remove contaminated clothing. Wash the exposed area thoroughly with water.

Ingestion: Contact a physician immediately.

Inhalation: Take patient to fresh air.

SECTION 7: PRECAUTIONS FOR HANDLING AND USE

Steps to be Taken in case Material is Released or Spilled: Use appropriate protective equipment. Dike the spill and soak up with absorbent material. Prevent liquid from entering sewers or waterways. Dispose of in accordance with Federal, State and Local regulations.

Waste Disposal Method: Discharge to sewer requires the approval of permitting authority and may require pretreatment. Treatment, storage, transportation and disposal must be in accordance with Federal, State and Local regulations.

Precautions to be Taken in Handling and Storing: Store in a well ventilated area. Keep container lightly capped when not in use. Do not store food, drink or tobacco in areas where contamination could occur with this product.

SECTION 8: SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust or mechanical ventilation are recommended.

Protective Equipment: Latex or neoprene gloves are recommended.

SECTION 9: PREPARATION DATE OF MSDS

Prepared by (Group, Department, etc.):

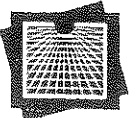
Mitsubishi Imaging (MC), Inc.

Phone Number:

(914) 925-3200

Date:

June 8, 1995



Distributed by GraphLine Inc.

Part Number 60-18612-003

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Mitsubishi
Imaging (MC), Inc.

1 (800) 765-9384

M I T S U B I S H I

• Graphic Arts Systems •

Technical Information



Material Safety Data Sheet

Fountain Solution (OD)

SECTION 1: PRODUCT IDENTIFICATION AND USE

Product Name: Mitsubishi SLM OD

Product Identification Number (PIN): 60-18611-004

Formula: Fountain Solution

Manufacturer/Supplier: Mitsubishi Imaging (MC), Inc. • 555 Theodore Fremd Avenue • Rye, NY • 10580

Emergency Telephone Number: Chemtrec (800) 424-9300

SECTION 2: HAZARDOUS INGREDIENTS

Principal Component(s)	Cas Reg #	OSHA PEL (mg/m3)	ACGIH TLV (mg/m3)	%WT (w/w)
Water	7732-18-5	N/A	N/A	60~100
Polyethylene Glycol 300	25322-68-3	N/A	N/A	1~5
**Ethylene Glycol (c)	107-21-1	N/A	(TWA) 50 ppm*	1~5
Amorphous Silica	7631-86-9	80%/SiO ₂ , 8 Hr TWA	10, total dust, 8 Hr TWA	1~5
Monosodium Phosphate	7758-80-7	N/A	N/A	1~3

**COMPONENT SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 (40 CFR 372).

Dot Shipping Name: Non-Hazardous Aqueous Solution

Hazard Class: N/A

ID#: N/A

P.G.: N/A

SECTION 3: PHYSICAL DATA

pH: 5.5

Specific Gravity: 1.03

Solubility in Water: Complete

Boiling Point: Approx. 212°F

Evaporation Rate: N/A

Volatile Organic Content: 0lbs./Gallon

Vapor Pressure: N/A

Percent Volatility (as water): 60-100

Vapor Density: N/A

Appearance and Odor: Pink, odorless solution

SECTION 4: FIRE AND EXPLOSION DATA

Flashpoint (°C) and Method: None

Flammable Limit: 0

LEL: N/A

UEL: N/A

Extinguishing Media: Any applicable to the primary cause of fire

Special Fire Fighting Procedures: Evacuate personnel to a safe area. Firefighters should wear self-contained breathing apparatus.

Unusual Fire Hazards: None

SECTION 5: REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None

Incompatibility: None

Hazardous Decomposition: None

Hazardous Polymerization: Does not polymerize

Continued...

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M I T S U B I S H I

Graphic Arts Systems

Technical Information



Material Safety Data Sheet (continued)

Fountain Solution (OD)

SECTION 6: TOXICITY AND HEALTH HAZARD DATA

Carcinogenicity: NTP: N/A IARC Monographs: N/A OSHA Regulated: N/A
None of the chemicals used in this product are listed on NTP, IARC or OSHA listings of human carcinogens.

EXPOSURE EFFECTS

Eye Contact: Eye discomfort with possible transient conjunctivitis. Serious corneal injury not anticipated.

Skin Contact: No adverse effects, from available information, either through contact or absorption.

Ingestion: Ethylene Glycol may cause abdominal discomfort, dizziness, nausea, lumbar pain, oliguria, malaise, and central nervous system depression. Large volumes of ethylene glycol may cause severe kidney damage.

Inhalation: Ethylene Glycol mist may irritate the nose and throat. High vapor concentrations caused by heating in a poorly ventilated area may produce nausea, vomiting, headache, and dizziness.

Medical Conditions Aggravated By Exposure: No medical conditions known to be aggravated by exposure to this product.

FIRST AID

Eye: Flush with water thoroughly. Obtain medical attention.

Skin: Remove contaminated clothing. Wash the exposed area thoroughly with water.

Ingestion: If conscious, give 2 glasses of water. Do not induce vomiting. Obtain prompt medical attention.

Inhalation: Remove to fresh air. If discomfort persists, contact a physician.

SECTION 7: PRECAUTIONS FOR HANDLING AND USE

Steps to be Taken in case Material is Released or Spilled: Use appropriate protective equipment. Dike the spill and soak up with absorbent material. Prevent liquid from entering sewers or waterways. Dispose of in accordance with Federal, State and Local regulations.

Waste Disposal Method: Discharge to sewer requires the approval of permitting authority and may require pretreatment. Treatment, storage, transportation and disposal must be in accordance with Federal, State and Local regulations.

Precautions to be Taken in Handling and Storing: Store in a well ventilated area. Keep container tightly capped when not in use. Do not store food, drink or tobacco in areas where contamination could occur with this product.

SECTION 8: SPECIAL PROTECTION INFORMATION

Ventilation: Ten room volumes per hour is recommended under normal conditions.

Protective Equipment: Chemical splash goggles, latex or neoprene gloves, labcoat and eye wash station. A NIOSH cartridge respirator is recommended.

Other Precautions: Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Wash after handling. Do not take internally. Keep out of reach of children.

SECTION 9: PREPARATION DATE OF MSDS

Prepared by (Group, Department, etc.):
Mitsubishi Imaging (MC), Inc.

Phone Number: (914) 925-3200 **Date:** June 8, 1995



MITSUBISHI

Graphic Arts Systems

Technical Information

Material Safety Data Sheet

Etch (OH)

SECTION 1: PRODUCT IDENTIFICATION AND USE

Product Name: Mitsubishi SLM OH

Product Identification Number (PIN): 60-18610-003

Formula: Aqueous Mixture

Manufacturer/Supplier: Mitsubishi Imaging (MC), Inc. • 555 Theodore Fremd Avenue • Rye, NY • 10580

Emergency Telephone Number: Chemtrac (800) 424-9300

SECTION 2: HAZARDOUS INGREDIENTS

Principal Component(s)	Cas Reg #	OSHA PEL (mg/m3)	ACGIH TLV (mg/m3)	%WT (w/w)
Water	7732-18-5	N/A	N/A	40~70
N-Propyl Alcohol	71-23-8	(TWA) 500 PPM	(TWA) 500 PPM	7~13
**Ethylene Glycol	107-21-1	N/A	(TWA) 50 PPM *	10~30
Amorphous Silica	7631-86-39	N/A	N/A	1~5

**COMPONENT SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 (40 CFR 372).

SECTION 3: PHYSICAL DATA

pH: 5.3

Specific Gravity: 1.03

Solubility in Water: Complete

Boiling Point: N/A

Evaporation Rate: N/A

Volatile Organic Content: .88 lbs./Gallon

Vapor Pressure: N/A

Percent Volatility (as water): 60-100

Vapor Density: N/A

Appearance and Odor: Clear, slightly cloudy solution, alcohol odor

SECTION 4: FIRE AND EXPLOSION DATA

Flashpoint (°C) and Method: 104 °F

Flammable Limit: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Any applicable to the primary cause of fire

Special Fire Fighting Procedures: Evacuate personnel to a safe area. Firefighters should wear self-contained breathing apparatus.

Unusual Fire Hazards: Product susceptible to flash at elevated temperature

SECTION 5: REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None

Incompatibility: None

Hazardous Decomposition: None

Hazardous Polymerization: Does not polymerize

Continued...

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M I T S U B I S H I

Graphic Arts Systems

Technical Information

Material Safety Data Sheet (continued)

Etch (OH)

SECTION 6: TOXICITY AND HEALTH HAZARD DATA

Carcinogenicity:

NTP: N/A

IARC Monographs: N/A

OSHA Regulated: N/A

None of the chemicals used in this product are listed on NTP, IARC or OSHA listings of human carcinogens.

EXPOSURE EFFECTS

Eye Contact: Eye discomfort with possible transient conjunctivitis. Serious corneal injury not anticipated. Minor irritation also possible.

Skin Contact: No adverse effects, from available information, either through contact or absorption.

Ingestion: Ethylene Glycol may cause abdominal discomfort, dizziness, nausea, lumbar pain, oliguria, malaise, and central nervous system depression. Large volumes of ethylene glycol may cause severe kidney damage.

Inhalation: Ethylene Glycol mist may irritate the nose and throat. High vapor concentrations caused by heating in a poorly ventilated area may produce nausea, vomiting, headache, and dizziness.

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SECTION 9: PREPARATION DATE OF MSDS

Prepared by (Group, Department, etc.):

Mitsubishi Imaging (MC), Inc.

Phone Number:

(914) 925-3200

Date:

June 8, 1995

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