SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION						
	50 Fountain S	olution				
PRODUCT NUMBER: SLM - OD	50		DATE:	December 16, 2008		
TRADE NAME: SLM - OD50 Fountain S	olution					
GENERAL USE: Fountain solution for SLM/SDP		Mites	hichi			
CHEMICAL FAMILY:		Mitsubishi				
PRODUCT DESCRIPTION:		Imag	ing (M	PM), Inc.		
Bluish clear solution, slight odor.		8	8 (
MANUFACTURER		DATE PREPARED: D	ecember 16, 2008			
Mitsubishi Paper Mills Ltd.		SUPERSEDES: A	ugust 14, 2007			
ADDRESS (NUMBER, STREET, P.O. BOX)	TELEPHONE NUMBER FOR INFORMATION / Customer Service					
4-2 Marunouchi 3-Chome	03-3213-3641					
(CITY, STATE AND ZIP CODE)	COUNTRY	Chemtrec 24-HOUR EMERGENCY TELEPHONE NUMBER				
Chiyoda-ku, Tokyo 100-005	Japan	1-800-424-9300	(01-703-527-3887		
		North America Toll F	ree	International		
DISTRIBUTOR						
Mitsubishi Imaging (MPM), Inc.						
ADDRESS (NUMBER, STREET, P.O. BOX)	TELEPHONE NUMBER FOR INFORMATION / Customer Service					
555 Theodore Fremd Avenue	heodore Fremd Avenue			(914) 925-3200		
(CITY, STATE AND ZIP CODE)	COUNTRY	Chemtrec 24-HOUR EMERGENCY TELEPHONE NUMBER				
Rye, NY 10580	USA	1-800-424-9300	(01-703-527-3887		
		North America Toll F	ree	International		
SECTION 2 - HAZARDOUS INGREDIENTS						

SECTION 2 - HAZARDOUS INGREDIENTS					
Hazardous Components	% (by Weight)	CAS#	EINECS#	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Poly(ethylene glycol-ran- propylene glycol) monobutyl ether	10 - 40	9038-95-3	Not Found	Xi	R-36/38
Propionic Acid	0.5 - 1.5	79-09-4	201-176-3	С	R-34

Note: This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 91/155/EEC. Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European (GHS) directive 91/155/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directive 67/548/EEC.

SECTION 3-HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Slightly acidic liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Hazard symbols for this product - **Xi**, Risk Phrases - **R36/38**

POTENTIAL HEALTH EFFECTS

INHALATION:

NOTES:

Breathing concentrated vapors may cause irritation of respiratory tract.

SKIN:

Prolonged contact may cause irritation.

EYES:

Contact with eyes will cause irritation.

INGESTION:

May cause gastric distress, vomiting and diarrhea.

CARCINOGENICITY:

NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO CALIFORNIA, Prop.65? NO ESIS NOTATION? NO

PRODUCT NAME: SLM - OD50 Fountain Solution

PRODUCT NUMBER: SLM - OD 50 DATE: December 16, 2008

SECTION 4 - FIRST AID MEASURES

INHALATION:

Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.

EYES:

Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

SKIN:

Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.

INGESTION

Drink two glasses of water followed by milk, milk of magnesia or other non-alcoholic liquids; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:

Product is acidic. Products of combustion include compounds of carbon, hydrogen and oxygen, including Carbon Monoxide.

EXTINGUISHING MEDIA:

Carbon Dioxide, water, water fog, dry chemical, chemical foam.

FIRE FIGHTING PROCEDURES:

Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released. Material is acidic and will irritate the eyes if product is allowed to directly contact the eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Contact with B:C extinguisher powder may produce large amounts of Carbon Dioxide.

HAZARDOUS COMBUSTION PRODUCTS:

Smoke, fumes, oxides of carbon.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Material is acidic and will irritate the eyes if product is allowed to directly contact the eyes. Wash small spills to sanitary sewer. Large spills confine spill, soak up with approved absorbent, shovel product into approved container for disposal.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION								
HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
HAZARDOUS COMPONENTS	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
Poly(ethylene glycol-ran- propylene glycol) monobutyl ether		NE				NE		
Propionic Acid	10	30	15	45	10	30	_	_

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.

PROTECTIVE GLOVES:

Neoprene gloves, butyl or nitrile rubber gloves with cuffs.

EYE PROTECTION:

Protective eyeglasses or chemical safety goggles. Refer to 29 CFR 1910.133 or European Standard EN166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Coveralls, apron, or other equipment should be worn to minimize skin contact, safety eyewash station nearby.

WORK / HYGIENIC PRACTICES:

Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SLM - OD50 Fountain Solution PRODUCT NAME: PRODUCT NUMBER: **SLM - OD 50** December 16, 2008 DATE: SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES APPEARANCE AND ODOR VAPOR PRESSURE Bluish clear solution, slight odor. 17 mm Hg @ 20° C SPECIFIC GRAVITY (WATER = 1) nН 4.0 ± 0.1 1.028 ± 0.005 BOILING POINT / BOILING RANGE SOLUBILITY IN WATER 212° F (100° C) Complete FLASH POINT VISCOSITY Non-flammable Not specified. FLAMMABLE LIMITS VAPOR DENSITY (AIR = 1) LEL: NA EVAPORATION RATE (WATER = 1) **AUTO-IGNITION TEMPERATURE** ND < 1 VOLATILE ORGANIC COMPOUND (VOC) INFORMATION (VOC Content Wt%) VOC= 0.0% SECTION 10 - STABILITY AND REACTIVITY STABILITY CONDITIONS TO AVOID: Extreme temperatures. INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalies, strong acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

HAZARDOUS POLYMERIZATION:

CONDITIONS TO AVOID:

Will Not Occur.

None Related to Polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION					
Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)		
Poly(ethylene glycol-ran- propylene glycol) monobutyl ether	9038-95-3	12,300 μL / kg	NE		
	Not Found	Oral - rat			
Propionic Acid	79-09-4	2600 mg / kg	> 4.9 mg / I / 4H		
	201-176-3	Oral - rat	Inhalation - rat		

Do not allow undiluted and/or large quantities of product to enter sewage systems or reach ground water or bodies of water.

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

According to the European Waste Catalogue, waste codes are application specific and should be assigned by the user based on the application for which the product is used. Dispose of in accordance with Local, State, and Federal Regulations. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for acidic materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

SECTION 14 - TRANSPORT INFORMATION				
PROPER SHIPPING NAME: Not Regulated				
DOT HAZARD CLASS / Pack Group: Not Regulated IATA HAZARD CLASS / Pack Group: Not Regulated				
REFERENCE: NA	IMDG HAZARD CLASS:	Not Regulated		
UN / NA IDENTIFICATION NUMBER: None	RID/ADR Dangerous Goods Code:	Not Regulated		
LABEL: None Required	UN TDG Class / Pack Group:	Not Regulated		
HAZARD SYMBOLS: None	Hazard Identification Number (HIN):	None		

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

PRODUCT NAME: SLM - OD50 Fountain Solution

PRODUCT NUMBER: SLM - OD 50 DATE: December 16, 2008

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): All components of this product are listed.

SARA TITLE III (USA - Superfund Amendments and Reauthorization Act): Immediate health.

Acute Health: NO Chronic Health: NO Fire: NO Sudden Release of Pressure: NO

Reactive: NO

SARA 313 REPORTABLE INGREDIENTS: None

CERCLA (USA - Comprehensive Response Compensation and Liability Act):

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:

No

CPR (Canadian Controlled Products Regulations):

WHMIS Classification: D2B

IDL (Canadian Ingredient Disclosure List): Components of this product identified by CAS number are listed.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations.

EINECS (European Inventory of Existing Commercial Chemical Substances): Referenced.

WGK Water Quality Index: 1 VbK Index: NA

RISK PHRASES:

SYMBOL(S) REQUIRED FOR EU LABEL

R36/38 : Irritating to eyes and skin.

×

(+Xi): Irritating

SAFETY PHRASES:

S2 : Keep out of the reach of children. S24/25 : Avoid contact with skin and eyes.

SECTION 16 - OTHER INFORMATION

Legend:

ACGIH - American Congress of Government Industrial Hygienists

CAS - Chemical Abstracts Service

EINECS - European Inventory of Existing Commercial Chemical Substances

HMIS - Hazardous Materials Identification System IARC - International Agency for Research on Cancer

NA - Not Available
ND - Not Determined
NE - Not Established
NR - Not Reported

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

HMIS HAZARD RATINGS	HEALTH:	1	0 = INSIGNIFICANT
	FLAMMABILITY:	0	1 = SLIGHT
	PHYSICAL HAZARD:	0	2 = MODERATE
	DEDOONAL DOOTEON/E FOLUDIATALE		3 = HIGH
	PERSONAL PROTECTIVE EQUIPMENT:		4 = EXTREME

REVISION SUMMARY:

Revised to GHS/E.U. protocols 12/16/2008 supersedes 8/14/2007 issue. JTV

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.