


**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**
**1.1 Product identifier**

GHS Product Identifier **SLM-OA1 Fountain Solution Additive**  
 Product Code **SLM-OA1**  
 Chemical Name Mixture  
 Trade name **SLM-OA1 Fountain Solution Additive**  
 CAS No. Mixture  
 EINECS No. Mixture  
 REACH Registration No. Not available

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified use(s) Users are recommended to seek further advice.  
 Uses advised against Users are recommended to seek further advice.

**1.3 Supplier's details**

Company Identification **Mitsubishi Imaging (MPM), Inc.**  
 Address **555 Theodore Fremd Avenue, Rye, NY 10580 USA**  
 Telephone **(914) 925-3200**  
 E-Mail (competent person)

**1.4 Emergency telephone number – ChemTrec**

Emergency Phone No. **(800) 424-9300 (US/Canada), +01 (703) 527-3887 (Elsewhere)**

**SECTION 2: HAZARDS IDENTIFICATION**
**2.1 Classification of the substance or mixture**

**2.1.1 Regulation (EC) No. 1272/2008 (CLP) – Non-hazardous.**

**2.1.2 Directive 67/548/EEC & Directive 1999/45/EC – Non-hazardous.**

**2.2 Label elements**

**2.2.1 Label elements According to Regulation (EC) No. 1272/2008 (CLP)**

GHS Product Identifier (EU)  
 Hazard pictogram(s) None  
 Signal word(s) None  
 Hazard statement(s) None  
 Precautionary Statement(s) None

**2.2.2 Label elements According to Directive 67/548/EEC & Directive 1999/45/EC**

Hazard Symbol None  
 Risk Phrases None  
 Safety Phrases None

**2.3 Other Hazardous under OSHA Hazard Communication Standard (USA)**

**hazards** HMIS: Health-0, Flammability- 1 Reactivity – 0  
 GHS Classification (USA): Non hazardous.  
**WHMIS Classification (Canada): Not WHMIS Controlled.**  
 GHS Classification (Canada): Non hazardous.

**2.4 Additional Information**

Potential Health Effects  
 Inhalation May cause mild irritation  
 Eye Contact May cause mild irritation  
 Skin Contact May cause mild irritation.  
 Ingestion Product is a possible gastro-intestinal irritant.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**
**EC Classification No. 1272/2008/EC**

Hazardous ingredient(s)	% W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Poly(ethylene glycol-ran-propylene glycol) monobutyl ether	10 - 40	9038-95-3	Not Referenced	NR	None

**EC Classification No. 67/548/EEC**

Hazardous ingredient(s)	% W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Poly(ethylene glycol-ran-propylene glycol) monobutyl ether	10 - 40	9038-95-3	Not Referenced	NR	None

- 3.3 Additional Information** - For full text of H/P phrases see section 16. For full text of R phrases see section 16. Non-Hazardous ingredients are not listed and make up the balance of the product.

### SECTION 4: FIRST AID MEASURES

**4.1 Description of first aid measures**

Inhalation	Remove patient from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
Eye Contact	Remove contact lenses. Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. If symptoms develop, obtain medical attention.
Ingestion	Do not induce vomiting. Obtain immediate medical attention.

**4.2 Most important symptoms and effects, both acute and delayed**

**Acute:** Liquid product is mildly irritant to eyes and skin.  
**Delayed and chronic effects:** Similar to acute exposures..

**4.3 Indication of the immediate medical attention and special treatment needed**

Treat symptomatically; ingestions may require patient monitoring to include diagnostic testing.

### SECTION 5: FIRE-FIGHTING MEASURES

**5.1 Extinguishing media**

Suitable Extinguishing Media	Non-combustible.
Unsuitable Extinguishing Media	None

**5.2 Special hazards arising from the substance or mixture**

None.

**5.3 Advice for fire-fighters**

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure full personal protection during removal of spillages.

**6.2 Environmental precautions**

None

**6.3 Methods and material for containment and cleaning up**

Wash small spills to sanitary sewer. Large spills – confine spill, soak up with approved absorbent, shovel product into approved container for disposal.

**6.4 Reference to other sections**

See Also Section 7, 8, 13.

**6.5 Additional Information**

None

### SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Wear suitable protective clothing and eye/face protection. Avoid contact with eyes. Avoid ingestion.

**7.2 Conditions for safe storage, including any incompatibilities**

Store at ambient temperatures. Store in a closed container. Store in a well-ventilated place.

Storage Temperature

Ambient temperatures.

Storage Life

Not available

Incompatible materials

Strong oxidizers, bases.

**7.3 Specific end use(s)**

Consult the supplier.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters**

**8.1.1 Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
Poly(ethylene glycol-ran- propylene glycol) monobutyl ether	9038-95-3	NE	NE	NE	NE	OSHA
		NE	NE	NE	NE	ACGIH

**8.1.2 Biological limit value** - Biological limit values are not available for this product.

**8.1.3 PNECs and DNELs** - No PNECs and/or DNELs are available for this product.

# SAFETY DATA SHEET

## SLM-OA1 Fountain Solution Additive

**8.2 Exposure controls****8.2.1 Appropriate engineering controls** None required.**8.2.2 Personal protection equipment**

Eye/face protection Safety spectacles.



Skin protection Plastic or synthetic rubber gloves. Wear chemical resistant (Hand protection/ Other) apron.



Respiratory protection Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.

Thermal hazards None

**8.2.3 Environmental Exposure Controls** Adequate ventilation must be used.**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance	Clear Liquid	Colour	Colorless
Odour	Slight	Odour Threshold (ppm)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available	Boiling point/boiling range (°C):	212°F, 100°C
Flash Point (°C)	Not Flammable	Explosive limit ranges	Not available
Auto Ignition Temperature (°C)	Not available	Decomposition Temperature (°C)	Not available
Explosive properties	Not available	Oxidising properties	Not available
Flammability (solid, gas)	Not available	pH (Value)	4.2 ±0.2
Evaporation rate	<1	Vapour Pressure (mm Hg)	17 mm Hg @ 20°C
Vapour Density (Air=1)	>1	Density (g/ml)	1.048±0.005
Solubility (Water)	Complete	Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available	Viscosity (mPa.s)	Not available

**9.2 Other information** Volatile Organic Compound (VOC) Content: 425 g / L per EPA Method 24 (does not include water). VOC weight %: <40% (calc) per California CARB methodology..**SECTION 10: STABILITY AND REACTIVITY**

- 10.1 Reactivity** None
- 10.2 Chemical stability** Stable under normal conditions.
- 10.3 Possibility of hazardous reactions** Can react violently if in contact with - oxidizers
- 10.4 Conditions to avoid** Strong oxidizers.
- 10.5 Incompatible materials** Strong bases, oxidizers
- 10.6 Hazardous Decomposition Product(s)** Oxides of carbon, smoke.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Ingredient	CAS No.	LD <sub>50</sub> (Oral, Rat)	LC <sub>50</sub> (Inhalation, Rat)
Poly(ethylene glycol-ran-propylene glycol)monobutyl ether	9038-95-3	12,792 mg/kg	NE

**11.1 Information on toxicological effects****11.1.2 Mixtures**

Acute toxicity	No data
Irritation	Mild Eye irritant, Mild skin irritant.
Corrosivity	Slight
Sensitisation	Slight
Repeated dose toxicity	None
Carcinogenicity	Not to be expected.
Mutagenicity	Not to be expected.
Toxicity for reproduction	None

**11.2 Other information** None**SECTION 12: ECOLOGICAL INFORMATION**

- 12.1 Toxicity** No data.
- 12.2 Persistence and degradability** No data.
- 12.3 Bioaccumulative potential** No data.
- 12.4 Mobility in soil** No data.
- 12.5 Results of PBT and vPvB assessment** No data.
- 12.6 Other adverse effects** Environmental hazards cannot be excluded by inappropriate handling or disposal.

**SECTION 13: DISPOSAL CONSIDERATIONS**

- 13.1 Waste treatment methods** Offer surplus and non-recyclable solutions to a licensed disposal company.
- 13.2 Additional Information** Contaminated packaging; Dispose of as unused product.

**SECTION 14: TRANSPORT INFORMATION**

**Land transport (ADR/RID) (a)(b)**

UN number Not hazardous for transport  
 Proper Shipping Name Not hazardous for transport  
 Transport hazard class(es) Not hazardous for transport  
 Packing Group Not hazardous for transport  
 Hazard label(s) Not hazardous for transport  
 Environmental hazards Not hazardous for transport  
 Special precautions for user Not hazardous for transport

**Sea transport (IMDG) (a)(b)**

UN number Not hazardous for transport  
 Proper Shipping Name Not hazardous for transport  
 Transport hazard class(es) Not hazardous for transport  
 Packing Group Not hazardous for transport  
 Marine Pollutant Not hazardous for transport  
 Special precautions for user Not hazardous for transport

(a)– Consult with transport provider.

(b)– Check relevant regulations for Special Provisions.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****Land transport (Within USA) (a)(b)**

UN number Not hazardous for transport  
 Proper Shipping Name Not hazardous for transport  
 Transport hazard class(es) Not hazardous for transport  
 Packing Group Not hazardous for transport  
 Hazard label(s) Not hazardous for transport  
 Environmental hazards Not hazardous for transport  
 Special precautions for user Not hazardous for transport

**Air transport (ICAO/IATA) (a)(b)**

UN number Not hazardous for transport  
 Proper Shipping Name Not hazardous for transport  
 Transport hazard class(es) Not hazardous for transport  
 Packing Group Not hazardous for transport  
 Environmental hazards Not hazardous for transport  
 Special precautions for user Not hazardous for transport

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1 EU regulations**

Authorisations and/or restrictions on use	Consult the supplier.
European Union (EINECS/ELINCS)	Referenced
WGK number	1

**15.1.2 National regulations****USA**

TSCA (Toxic Substance Control Act)	All chemicals listed
SARA 311/312 - Hazard Categories	None.
SARA 302 - Extremely Hazardous Substances	Listed – None.
SARA 313 - Toxic Chemicals	Listed – None
CERCLA (Comprehensive Environmental Response Compensation and Liability Act)	Listed – None
CAA (Clean Air Act 1990)	Listed – None.
CWA (Clean Water Act)	Listed – None.
State Right to Know Lists	Listed – MA,NJ,.PA.
Proposition 65 (California)	Listed – None

**Canada**

WHMIS Classification	Not WHMIS Controlled
Canada (DSL/NDSL)	Listed – DSL
Canada Ingredient Disclosure List (CIDL)	Listed – None

**15.2 Chemical Safety Assessment:** Possible mild eye and skin irritant.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1-16.

**LEGEND**

ACGIH	American Conference of Governmental Industrial Hygienists	NA	not applicable, not available
AICS	Australian Inventory of Chemical Substances	NIOSH	National Institute for Occupational Safety and Health
ANSI	American National Standards Institute	ND	not determined
atm	atmosphere (pressure unit)	NFPA	National Fire Prevention Association
BOD	biological oxygen demand	NTP	National Toxicology Program
CAS	Chemical Abstracts Service	OC	open cup
CC	closed cup	OSHA	Occupational Safety and Health Administration
CDTA	Chemical Drug and Trafficking Act	Part	partition
COC	Cleveland Open Cup	PEL	permissible exposure limits
COD	chemical oxygen demand	ppb	parts per billion
coeff.	coefficient	PPE	personal protective equipment
CFR	Code of Federal Regulations	ppm	parts per million
CPR	cardio-pulmonary resuscitation	psi	pounds per square inch
DEA	Drug Enforcement Agency	RCRA	Resource Conservation and Recovery Act
DOT	Department of Transportation	RQ	Reportable quantity
DSCL	Dangerous Substances Classification and Labeling	RTK	Right to Know
EEC	European Economic Community	SARA	Superfund Amendments and Reauthorization Act
FDA	Food and Drug Administration	STEL	short-term exposure limit
HMIS	Hazardous Materials Information System	SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons (Australia)
IARC	International Agency for Research on Cancer	TCC	Tagliabue Closed Cup
IDLH	immediate danger to life or health	TDG	Transportation of Dangerous Goods
kg	kilogram	TPQ	threshold planning quantity
L	liter	TQ	threshold quantity
LC50	median lethal concentration	TSCA	Toxic Substances Control Act
LD50	median lethal dose	TWA	time-weighted average
LEL	lower explosive limit	UEL	upper explosive limit
mg	milligram	WES	Workplace Exposure Standard (New Zealand)
mL	milliliter	WHMIS	Workplace Hazardous Material Information System

**References:** RTECS, CAS Registry, EINECS/ESIS, *Casarett & Doull's Toxicology*, *Goldfrank's Toxicological Emergencies*, Manufacturer Information

**Risk Phrases**

None

**Hazard statement(s)**

None

**Training advice:** None

**Additional Information: Ingredient names for labeling purposes (CAS #) -** Water (7732-18-5), Poly(ethylene glycol-ran-propylene glycol)monobutyl ether (9038-95-3),

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.