

# GraphLine Inc.<sup>®</sup>

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## MATERIAL SAFETY DATA SHEET

IN CASE OF TRANSPORTATION EMERGENCY (Spill, Leak, Fire, Exposure, Accident)  
Call CHEMTREC 1-800-424-9300 (24 Hour)

### SECTION 1: IDENTIFICATION

Name: MITSUBISHI SLM-OD FOUNTAIN SOLUTION

Revision 5/8/2004

Product Number 6018611004

Size 1 GAL.

Formula: Aqueous Mixture

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
7631-86-9	SNOWTEX-C (COLLOIDAL SILICA)	<1 0
7631-99-4	SODIUM NITRATE	<1 0
7732-18-5	WATER	60- 100
7758-80-7	MONOSODIUM PHOSPHATE	<1 0

<u>EXPOSURE LIMITS</u>	<u>OSHA</u>		<u>ACGIH</u>		<u>CANADA</u>	
	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>
SNOWTEX-C (COLLOIDAL SILICA)	None	None	None	None	None	None
SODIUM NITRATE						
WATER	None	None	None	None	None	None
MONOSODIUM PHOSPHATE	None	None	None	None	None	None

#### Source of Exposure Limit Data:

OSHA: Occupational Safety and Health Administration

ACGIH: American Conference of Governmental Industrial Hygienists

CANADA: Province of Alberta's Occupational and Health and Safety Act.

### ADDITIONAL EXPOSURE INFORMATION

<u>CAS. NUMBER</u>	<u>SKIN DESIGNATION *</u>			<u>CARCINOGENS</u>			<u>PRIMARY HAZARD</u>	<u>IDLH (ppm)</u>
	<u>OSHA</u>	<u>ACGIH</u>	<u>CANADA</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>		
7631-86-9	No	No	No	No	No	No	Not classified	None
7631-99-4	No	No	No					
7732-18-5	No	No	No	No	No	No	Not classified	None
7758-80-7	No	No	No	No	No	No	Not classified	None

\* For substances designated as a 'Skin' hazard, protective measures are recommended to prevent or reduce skin absorption. These measures may include the use of gloves, aprons, goggles or other equipment, as well as engineering controls or work practices.

### SECTION 3: HAZARDS IDENTIFICATION

#### EYES CONTACT:

May cause burning.

#### SKIN CONTACT:

May cause irritation.

#### INHALATION:

May cause nausea and irritation of the mucous membranes.

#### INGESTION:

May cause nausea.

**H.M.I.S. CODES:**      **HEALTH:**                      **FIRE:**                      **REACTIVITY:**                      **PROTECTION:**

#### **SECTION 4: FIRST AID MEASURES**

**EYE CONTACT:**

Flush with water for 15 minutes. Obtain medical attention.

**SKIN CONTACT:**

Remove contaminated clothing. Wash exposed area thoroughly with water.

**INHALATION:**

Remove to fresh air.

**INGESTION:**

Wash mouth with water. DO NOT induce vomiting. Call physician immediately.

#### **SECTION 5: FIRE FIGHTING MEASURES**

**Flash point (F) :**      None                                      **FLAMMABILITY LEL-                                      UEL-**

**Extinguishing media:**      Carbon dioxide, Dry chemical , Dry sand.

**Special fire fighting procedures :**

Evacuate personnel to safe area. Firefighters should wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual fire and explosion hazards :**

None

**NATIONAL FIRE PROTECTION ASSOC. CODES**

**HEALTH: 0                      FIRE: 0                      REACTIVITY: 0                      SPECIAL: NONE**

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**SPILL RESPONSE:**

Use appropriate protective equipment. Collect liquid into suitable container, clean up with water.

#### **SECTION 7: HANDLING AND STORAGE**

Store in a cool, dry place, but do not freeze. Close cap tightly. Keep out of reach of children.

#### **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Ventilation: Mechanical exhaust is recommended. Protective equipment: Chemical splash goggles, latex or neoprene gloves, mask, labcoat and eye wash station. A NIOSH cartridge respirator is recommended.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling point (C) :**      100

**Melting point:**      <-4C

**Percent volatile by volume :**      60-100

**Evaporation rate:**                      (N-Butyl Acetate=1)

**Specific gravity (water = 1) :**      1.015

**Appearance :**      Pinkish opaque

**Volatile Organic Compounds:**      0

**Vapor pressure:**      N/D

**Vapor density:**      N/D

**Solubility in water:**      GOOD

**pH:**      5.9

**Odor:**      Odorless solution

#### **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable    **Hazardous polymerization:** Will not occur

**Incompatibility (materials to avoid):** NONE

**Hazardous decomposition products:** Combustion will produce NOX gases

### **SECTION 11: DISPOSAL CONSIDERATIONS**

In accordance with Federal, State and local regulations.

### **SECTION 12: TRANSPORTATION INFORMATION**

SHIPPING NAME: NOT REGULATED MATERIAL

UN ID-#: N/A

PACKING GROUP: N/A

MAJOR CLASS: N/A

PRIMARY LABEL: N/A

MINOR CLASS: N/A

SECONDARY LABEL: N/A

REMARKS: NOT REGULATED MATERIAL

\* Reference: CFR 49, Table 172.102 (highway)

### **SECTION 13: REGULATORY INFORMATION**

<u>CAS. NUMBER</u>	<u>CERCLA</u>	<u>SARA-EHS</u>	<u>SARA-313</u>	<u>RCRA</u>	<u>CAL-PROP 65</u>	<u>N.J.</u>	<u>FLA.</u>
7631-86-9	No	No	No	No	No	No	Yes
7631-99-4	No	No	No	No	No	No	Yes
7732-18-5	No	No	No	No	No	No	No
7758-80-7	No	No	No	No	No	No	No

\* Specific CAS Number references from these regulatory tables:

CERCLA: 40 CFR. Table 302.4

SARA-EHS: 40 CFR. 355 Appendices A B

SARA-313: 40 CFR. section 372.65

RCRA: 40 CFR. section 261.3

CAL-PROP 65: California Proposition 65, Developmental and Reproductiv

New Jersey Right to Know

Florida Right to Know

### **SECTION 14: OTHER INFORMATION**

**Comments:** None

The data in this Material Safety Data form relates to the specific material designated herein and to the standard use of same in combination with other materials or processes. The hazards covered are believed to be those most likely to occur in the reasonable, contemplated, or ordinary use of these chemicals. No warranty is made or implied in respect of other hazards which may occur as a result of unreasonable, abnormal, or unusual usage, or non-standard application of these materials. The information accumulated herein is believed to be accurate, but GraphLine Inc. expressly denies any warranty to such effect. Customers or recipients are advised to confirm, in advance that the information is current, applicable and suitable to their circumstances. This information is furnished as a service only.