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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-OE DELETION FLUID

Revision 5/12/2004

Product Number 6018612003

Size 100 cc.

Formula: Aqueous Mixture

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
63231-67-4	SYLOID 308	5- 20
67-56-1	METHANOL	1- 5
70-49-5	THIOMALIC ACID	5- 20
7647-01-0	HYDROCHLORIC ACID	<1 0
7732-18-5	WATER	60- 100

<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>
SYLOID 308	80 mg/m3	None	20 mg/m3	None	5 mg/m3	None
METHANOL	200 ppm	None	200 ppm	250 ppm	200 ppm	250 ppm
THIOMALIC ACID	None	None	None	None	None	None
HYDROCHLORIC ACID	None	None	None	None	None	None
WATER	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>		
63231-67-4	No	No	No	No	No	No	As respirable dust	None
67-56-1	Yes	Yes	Yes	No	No	No	Ocular effects	25000
70-49-5	No	No	No	No	No	No	Not classified	None
7647-01-0	No	No	No	No	No	No	Not classified	50
7732-18-5	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:

Can cause irritation

SKIN CONTACT:

May cause irritation.

INHALATION:

Take patient to fresh air

INGESTION:

Irritation of the mucus membranes

H.M.I.S. CODES: HEALTH: 2 FIRE: 0 REACTIVITY: 0 PROTECTION: NONE

SECTION 4: FIRST AID MEASURES**EYE CONTACT:**

Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Contact physician immediately. (preferably an ophthalmologist)

SKIN CONTACT:

Rinse with copious amounts of water and/or wash with soap and water for 15 minutes. If irritation persists contact a physician.

INHALATION:

Take patient to fresh air

INGESTION:

Call physician immediately

SECTION 5: FIRE FIGHTING MEASURES

Flash point (F) : None **FLAMMABILITY LEL-** none **UEL-** 0

Extinguishing media: Any applicable to primary cause of fire.

Special fire fighting procedures :

NONE

Unusual fire and explosion hazards :

Excessive heat may generate sulfur fumes

NATIONAL FIRE PROTECTION ASSOC. CODES

HEALTH: 2 **FIRE:** 0 **REACTIVITY:** 0 **SPECIAL:** NONE

SECTION 6: ACCIDENTAL RELEASE MEASURES**SPILL RESPONSE:**

Dike spill and soak up with sand or a commercially available acid spill kit. Sweep up absorbant and place in a hazardous waste container.

SECTION 7: HANDLING AND STORAGE

Store in well ventilated area. Keep container tightly closed. Remove and wash contaminated clothing immediately. Do not store near heat. Do not store food, drink, or tobacco in area where they may become contaminated with this material. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Avoid eye contact. Avoid skin contact. Wear impervious gloves (e.g. NBR), eye protection (e.g. NIOSH approved organic vapor/acid gas respirator) and other protective clothing as needed to prevent contact during handling, transferring, equipment cleanups and spill cleanups. Routinely wash hands, arms, and face with soap and water after handling. Keep container closed when not in use. Do not take internally.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (C) : 100
Melting point: NA
Percent volatile by volume : NA
Evaporation rate: (Water=1)
Specific gravity (water = 1) : 1.11
Appearance : Pinkish opaque viscous solution

Volatile Organic Compounds: NONE
Vapor pressure: N/D
Vapor density: NA
Solubility in water: COMPLETE
pH: 1.0
Odor: WEAK HOT SPRINGLIKE ODOR

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Hazardous polymerization: Will not occur
Incompatibility (materials to avoid): STRONG ALKALIES
Hazardous decomposition products: Combustion will produce Nox and Sox gases

SECTION 11: DISPOSAL CONSIDERATIONS

Remove free liquid and dispose of in accordance with Federal, State, and local regulations.

SECTION 12: TRANSPORTATION INFORMATION

SHIPPING NAME: HYDROCHLORIC ACID SOLUTION

UN ID-#: 1789

PACKING GROUP: II

MAJOR CLASS: 8

PRIMARY LABEL: CORROSIVE

MINOR CLASS: N/A

SECONDARY LABEL: N/A

REMARKS: 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>
63231-67-4	No	No	No	No	No	No	No
67-56-1	Yes	No	Yes	Yes	No	No	Yes
70-49-5	No	No	No	No	No	No	No
7647-01-0	Yes	Yes	Yes	No	No	Yes	Yes
7732-18-5	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.