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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 SDP-a OA FOUNTAIN SOLUTION ADDITIVE

Revision 4/22/2004

Product Number 6018127007A

Size 1 Gallon

Formula: AQUEOUS SOLUTION

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
2235-43-0	AMINO-TRIS (METHYLENE PHOSPHORIC ACID) SODIUM SALT	30- 50
7664-38-2	PHOSPHORIC ACID	10- 20
7732-18-5	WATER	60- 70

<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>
AMINO-TRIS (METHYLENE PHOSPHORIC ACID)	None	None	None	None	None	None
PHOSPHORIC ACID	1 mg/m ³	None	1 mg/m ³	3 mg/m ³	1 mg/m ³	3 mg/m ³
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>		
2235-43-0	No	No	No	No	No	No	Not classified	None
7664-38-2	No	No	No	No	No	No	Sensory irritation	10000
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:

Irritant, may cause irritation-wear goggles.

SKIN CONTACT:

Irritant, prolonged exposure may cause irritation-wear rubber gloves.

INHALATION:

May cause nausea-wear protective mask. Mechanical exhaust is recommended.

INGESTION:

Acute toxicity data, may cause irritation of mucous membranes LD50 estimated by component over 2000 mg/kg (rat-oral).

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

ABBREVIATIONS: N/D= Not Determined - N/A= Not Applicable - N/E=Not Established

SECTION 4: FIRST AID MEASURES

EYE CONTACT:

Immediately wash with running water for at least 15 minutes. Call physician if necessary.

SKIN CONTACT:

Immediately wash with soap and water. Call physician if necessary.

INHALATION:

Take patient to fresh air.

INGESTION:

Wash mouth with water and call a 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 :

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards :

Combustion will produce COx gas and NOx gas.

NATIONAL FIRE PROTECTION ASSOC. CODES

HEALTH: FIRE: REACTIVITY: SPECIAL:

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE:

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

SECTION 7: HANDLING AND STORAGE

Store in a cool dry place. Keep container tightly capped when not in use. Do not use hook, wear protective goggles, mask and gloves. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Ten room volumes is recommended under normal conditions. PROTECTIVE EQUIPMENT: Chemical splash goggles, latex or neoprene gloves, mask, labcoat and eye wash station. For poorly ventilated areas a NIOSH cartridge respirator is recommended. Keep out of reach of children.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (C) :	100	Volatile Organic Compounds:	0 lbs./ Gallon
Melting point:	<-4	Vapor pressure:	N/A
Percent volatile by volume :	N/A	Vapor density:	N/A
Evaporation rate:	N/A	Solubility in water:	Good
Specific gravity (water = 1) :	1.019	pH:	3.7
Appearance :	Clear colorless solution	Odor:	Odorless

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable	Hazardous polymerization:	Will not occur
Incompatibility (materials to avoid):	Strong base		
Hazardous decomposition products:	Combustion will produce COx and NOx gases		

SECTION 11: DISPOSAL CONSIDERATIONS

Treatment, storage transportation and disposal must be in accordance with Federal, State and local regulations. Burn in a chemical incinerator equipped with an afterburner and scrubber.

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:

* 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>
2235-43-0	No	No	No	No	No	No	No
7664-38-2	Yes	No	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

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

SARA-EHS: 40 CFR. 355 Appendices A B

New Jersey Right to Know

SARA-313: 40 CFR. section 372.65

Florida Right to Know

RCRA: 40 CFR. section 261.3

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.