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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 ST III STABILIZER (part A)

Revision 4/27/2005

Product Number 6018127009LA

Size 4X1 GALLON

Formula: AQUEOUS SOLUTION

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
102-71-6	TRIETHANOLAMINE	7- 13
105-59-9	trade secret	1-5
110-15-6	Succinic acid	1-5
6419-19-8	Nitritoltri (methylphosphonic acid) solution	1-2

<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>
TRIETHANOLAMINE	None	None	5 mg/m ³	None	None	None
trade secret	None	None	None	None	None	None
Succinic acid	None	None	None	None	None	None
Nitritoltri (methylphosphonic acid) solution	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>		
102-71-6	No	No	No	No	No	No	Not classified	None
105-59-9	No	No	No	No	No	No	Not classified	None
110-15-6	No	No	No	No	No	No		Unknown
6419-19-8	No	No	No	No	No	No		Unknown

* 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 severe irritation-wear goggles.

SKIN CONTACT:

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

INHALATION:

Inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes. Local exhaustion is recommended.

INGESTION:

May be irritating to digestive tract; may casue gastric distress, stomach pains.

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

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 physician immediately.

SECTION 5: FIRE FIGHTING MEASURES

Flash point (F) : NONE **FLAMMABILITY LEL- 0 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, Sox, and Nox gases.

NATIONAL FIRE PROTECTION ASSOC. CODES

HEALTH: 1 FIRE: 0 REACTIVITY: 0 SPECIAL: 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE:

Large spills: Cover with dry sand or earth, then place in a chemical waste container. Small spills: Mop up or soak up. Flush residual spill area with copious amounts of 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: Local exhaustoin is recommended. **PROTECTIVE EQUIPMENT:** S-phrase; S36/37/38 chemical splash goggles, latex or neoprene gloves. Keep out of reach of children.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (C) : >100

Melting point: <4 C

Percent volatile by volume : N/A

Evaporation rate: N/A

Specific gravity (water = 1) : 1.060

Appearance : Clear yellowish solution

Volatile Organic Compounds: 0 lbs/gallon

Vapor pressure: Similar to water

Vapor density: Similar to water

Solubility in water: Good

pH: 7.4

Odor: Odorless

SECTION 10: STABILITY AND REACTIVITY

Stability: STABLE

Hazardous polymerization: Will not occur

Incompatibility (materials to avoid): Strong oxidants

Hazardous decomposition products: Combustion will produce Cox, Sox 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: 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>
102-71-6	No	No	No	No	No	No	Yes
105-59-9	No	No	No	No	No	No	No
110-15-6	No	No	No	No	No	No	No
6419-19-8	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.