

GraphLine Inc.[®]

1100 International Pkwy.
Suite 100 Sunrise FL 33323
800-998-3200

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 OE DELETION PEN

Revision 4/16/2004

Product Number 6018127005

Size 3 X 1 PENS

Formula: PEN

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
141-82-2	MALONIC ACID	1- 5
7681-11-0	POTASSIUM IODIDE	10- 20
7732-18-5	WATER	50- 70
85959-68-8	DTPA - Fe (NH4) 2	20- 50

<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>
MALONIC ACID						
POTASSIUM IODIDE	None	None	None	None	None	None
WATER	None	None	None	None	None	None
DTPA - Fe (NH4) 2						

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>		
141-82-2	No	No	No					
7681-11-0	No	No	No	No	No	No	Not classified	None
7732-18-5	No	No	No	No	No	No	Not classified	None
85959-68-8	No	No	No					

* 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:**

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.

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, iodine 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. Keep out of reach of children.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (C) : N/A

Melting point: N/A

Percent volatile by volume : N/A

Evaporation rate: N/A

Specific gravity (water = 1) : 1.196

Appearance : Dark brown viscous liquid

Volatile Organic Compounds: 0 lbs./ Gallon

Vapor pressure: N/A

Vapor density: N/A

Solubility in water: Good

pH: 3.1

Odor: Peculiar odor

SECTION 10: STABILITY AND REACTIVITY

