

GraphLine Inc.[®]

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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 GUM

Revision 4/15/2004

Product Number 6018127003

Size 2.5 GALLON

Formula: AQUEOUS SOLUTION

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
25791-96-25	POLYPROPYLENE GLYCOL	1- 10
32609-14-6	GUM ARABIC	1- 10
7631-99-4	SODIUM NITRATE	1- 10
7722-76-1	AMMONIUM PHOSPHATE	1- 10
7732-18-5	WATER	40- 80

<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>
POLYPROPYLENE GLYCOL						
GUM ARABIC						
SODIUM NITRATE						
AMMONIUM PHOSPHATE	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>		
25791-96-25	No	No	No					
32609-14-6	No	No	No					
7631-99-4	No	No	No					
7722-76-1	No	No	No	No	No	No	Not classified	None
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 suggested.

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 copious amounts of water.

INHALATION:

Take patient to fresh air.

INGESTION:

Call a physician immediately.

SECTION 5: FIRE FIGHTING MEASURES**Flash point (F) :** None**FLAMMABILITY LEL-****UEL-****Extinguishing media:** Water spray, 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 gases.

NATIONAL FIRE PROTECTION ASSOC. CODES**HEALTH:****FIRE:****REACTIVITY:****SPECIAL:****SECTION 6: ACCIDENTAL RELEASE MEASURES****SPILL RESPONSE:**

Use appropriat protective equipment. Dike the spill and soak up with absorbent material. Prevent liquid from entering sewers or waterways.

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 per hour 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.

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) :** 1.0**Appearance :** Brown clear solution**Volatile Organic Compounds:** 0 lbs. / Gallon**Vapor pressure:** Similar to water**Vapor density:** Similar to water**Solubility in water:** Complete**pH:** 5.5**Odor:** Slight odor

