

# GraphLine Inc.<sup>®</sup>

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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 DV DEVELOPER "L" (Adv120L)

Revision 4/5/2005

Product Number 6018127001L

Size 20 Liters

Formula: AQUEOUS MIXTURE

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S. #	INGREDIENTS	%
123-31-9	HYDROQUINONE	1-5
1310-73-2	SODIUM HYDROXIDE	1-5
7757-83-7	Sodium Sulfite	10-15

EXPOSURE LIMITS	OSHA		ACGIH		CANADA	
	TWA	STEL	TWA	STEL	TWA	STEL
HYDROQUINONE	2 mg/m <sup>3</sup>	None	2 mg/m <sup>3</sup>	None	2 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>
SODIUM HYDROXIDE	2 mg/m <sup>3</sup>	None	None	None	None	None
Sodium Sulfite	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

CAS. NUMBER	SKIN DESIGNATION *			CARCINOGENS			PRIMARY HAZARD	IDLH (ppm)
	OSHA	ACGIH	CANADA	IARC	NTP	OSHA		
123-31-9	No	No	No	No	No	No	Not classified	Unknown
1310-73-2	No	No	No	No	No	No	Sensory irritation	250 mg/m <sup>3</sup>
7757-83-7	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:

SEVERE, MAY CAUSE BURNING. 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, LD50 ESTIMATED BY COMPONENT OVER 2000 MG/KG (rat-oral)

**H.M.I.S. CODES:** HEALTH: 3 FIRE: 0 REACTIVITY: 0 PROTECTION: B



**SECTION 11: DISPOSAL CONSIDERATIONS**

ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.

**SECTION 12: TRANSPORTATION INFORMATION**

SHIPPING NAME: SODIUM HYDROXIDE, SOLUTION

UN ID-#: 1824

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>
123-31-9	Yes	Yes	Yes	No	No	Yes	Yes
1310-73-2	Yes	No	No	No	No	No	Yes
7757-83-7	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.