

# 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:** GraphLine Universal Fountain Solution

**Revision** 2/26/2004

**Product Number** 6018604001

**Size** 1 gal.

**Formula:** Mixture, Solvents

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>					<u>%</u>	
111-76-2	2-BUTOXY ETHANOL (BUTYL CELLOSOLVE)					9	
67-63-0	ISOPROPYL ALCOHOL					5- 15	
<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>
2-BUTOXY ETHANOL (BUTYL CELLOSOLVE)		50 ppm	None	25 ppm	None	25 ppm	75 ppm
ISOPROPYL ALCOHOL		980 mg/m <sup>3</sup>	None	983 mg/m <sup>3</sup>	1230 mg/m <sup>3</sup>	983 mg/m <sup>3</sup>	1228 mg/m <sup>3</sup>

#### 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>		
111-76-2	Yes	Yes	Yes	No	No	No	Systemic toxicity	700
67-63-0	No	No	Yes	No	No	No	Sensory irritation	2,000

\* 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:

Direct contact may cause burning, tearing, or redness.

#### SKIN CONTACT:

Prolonged or repeated contact with skin may cause dermatitis. May be absorbed through the skin. Chronic overexposure to solvent Butyl Cellosolve in high concentrations has caused anemia, liver and blood abnormalities, and kidney and lung damage in laboratory animals; may cause maternal toxicity. Chronic overexposure to Isopropyl alcohol has caused liver abnormalities, and kidney and brain damage in laboratory animals.

#### INHALATION:

No symptoms are normally seen when used in its intended manner. Chronic overexposure to solvent Butyl Cellosolve in high concentrations has caused anemia, liver and blood abnormalities, and kidney and lung damage in laboratory animals; may cause maternal toxicity. Chronic overexposure to Isopropyl alcohol has caused liver abnormalities, and kidney and brain damage in laboratory animals.

#### INGESTION:

If swallowed, induce vomiting, contact physician immediately.

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**H.M.I.S. CODES:** HEALTH: 1 FIRE: 1 REACTIVITY: 0 PROTECTION: SC

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#### **SECTION 4: FIRST AID MEASURES**

##### **EYE CONTACT:**

Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Contact physician immediately.(preferably an ophthalmologist)

##### **SKIN CONTACT:**

Immediately wash affected area with soap and water for 15 minutes. Remove contaminated clothing. If irritation persists get immediate medical attention. Wash contaminated clothing before reuse.

##### **INHALATION:**

Remove victims to fresh air, if not breathing, have certified person administer CPR. Contact physician immediately.

##### **INGESTION:**

INDUCE VOMITING. Get immediate medical attention. Contact poison control center.

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#### **SECTION 5: FIRE FIGHTING MEASURES**

**Flash point (F) :** 200 **FLAMMABILITY LEL-** N/A **UEL-** N/A

**Extinguishing media:** FOAM, DRY CHEMICAL, CARBON DIOXIDE

##### **Special fire fighting procedures :**

Fire fighters should wear self contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

##### **Unusual fire and explosion hazards :**

Users should keep work area free of hot metal surfaces and other sources of ignition.

##### **NATIONAL FIRE PROTECTION ASSOC. CODES**

**HEALTH:** 1 **FIRE:** 1 **REACTIVITY:** 0 **SPECIAL:** NONE

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#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

##### **SPILL RESPONSE:**

Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away and use non-sparking tools for clean up. Ventilate area of spill and cover with inert material to reduce fumes if necessary. Keep out of drains, sewers or waterways. Notify local health and pollution control agencies, and call spill response teams if large spill. Dispose of in accordance with Federal, State, and local regulations.

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#### **SECTION 7: HANDLING AND STORAGE**

Keep product containers cool, dry and away from sources of ignition. Use with adequate ventilation. Keep containers closed when not in use. Avoid inhalation of vapors. Avoid personal contact with product. Empty containers may contain residue and/or vapors. Do not store near heat. Do not store food, drink, or tobacco in area where they may become contaminated with this material.

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#### **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**VENTILATION:** Use sufficient ventilation to maintain exposure levels below recommendations. **PROTECTIVE GLOVES:** Impermeable gloves recommended to prevent skin irritation and absorption. **RESPIRATORY PROTECTION:** None normally required for recommended handling. **EYE PROTECTION:** Chemical splash goggles or face shield recommended. **OTHER PROTECTION:** None recommended.

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#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling point (F) :** >180  
**Melting point:** N/A  
**Percent volatile by volume :** 85-90%  
**Evaporation rate:** >1  
**Specific gravity (water = 1) :** .98  
**Appearance :** Pink liquid

**Volatile Organic Compounds:** 1.65 lbs/gal  
**Vapor pressure:** N/A  
**Vapor density:** >1  
**Solubility in water:** 100%  
**pH:** 4.2  
**Odor:** Alcohol odor

### **SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable  
**Hazardous polymerization:** Will not occur  
**Incompatibility (materials to avoid):** Strong oxidizing agents, acids and bases.  
**Hazardous decomposition products:** Carbon Monoxide, Carbon Dioxide

### **SECTION 11: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with Federal, State and Local Regulations. This product has not been specifically evaluated for ecological effects, but there is no evidence to suggest it will cause any significant environmental problem.

This product is not regulated under Federal Resource Conservation and Recovery Act (RCRA) as a hazardous waste. State and/or Local regulations may apply. Spill should be contained, absorbed with suitable absorbent material and placed in a suitable container for disposal in a licensed facility in accordance with Federal, State, and local regulations. Do not discharge into waterways or sewer system.

### **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>
111-76-2	No	No	No	No	No	No	Yes
67-63-0	No	No	Yes	No	No	Yes	Yes

\* 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:** All ingredients listed in TSCA inventory. Contains no reportable materials under CERCLA Superfund (CFR 40 sect. 117.302) The component Diethyl Phthalate is listed in SARA Title III. All ingredients listed in EINECS (European Economic Community). CONEG Legislation- meets all current State Heavy Metal limitations. Canadian WHMIS, non controlled product.

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.