

# GraphLine Inc.<sup>®</sup>

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: SILVERPLATE FOUNTAIN SOLUTION

Revision 4/2/2004

Product Number 6018623001

Size 1 gal.

Formula: Aqueous Acidic Solution

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

| <u>C.A.S. #</u> | <u>INGREDIENTS</u>                  | <u>%</u> |
|-----------------|-------------------------------------|----------|
| 111-76-2        | 2-BUTOXY ETHANOL (BUTYL CELLOSOLVE) | 1- 9     |
| 67-63-0         | ISOPROPYL ALCOHOL                   | 5- 15    |
| 7732-18-5       | WATER                               | 80- 85   |
| NoTE001         |                                     | 0 0      |

| <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/m3   | None        | 983 mg/m3    | 1230 mg/m3  | 983 mg/m3     | 1228 mg/m3  |
| WATER                               | None        | None        | None         | None        | None          | None        |
|                                     | 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> |                       |                   |
| 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             |
| 7732-18-5          | No                        | No           | No            | No                 | No         | No          | Not classified        | None              |
| NoTE001            | 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:

May cause slight eye irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

#### SKIN CONTACT:

Prolonged or repeated contact with aqueous solutions may cause irritation.

#### INHALATION:

Normally not a problem, but inhalation of mist may cause irritation to nasal mucous membranes and respiratory tract.

#### INGESTION:

Ingestion of liquid may cause irritation of mucous membranes or digestive tract.

**H.M.I.S. CODES:** HEALTH: 3 FIRE: 0 REACTIVITY: 1 PROTECTION: D

#### **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:**

Rinse with copious amounts of water and/or wash with soap and water for at least 15 minutes. If irritation occurs, contact physician.

##### **INHALATION:**

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

##### **INGESTION:**

Administer 2-4 glasses water. Induce vomiting. Contact physician or poison control center immediately.

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

**Flash point (F) :** Not flammable **FLAMMABILITY LEL- N/A UEL- N/A**

**Extinguishing media:** Any applicable to primary cause of fire.

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

Self contained breathing apparatus with full face shield and protective clothing should be worn in fighting fires involving chemicals.

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

NONE

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

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

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

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

Dike spill and soak up with sand or a commercially available spill kit, sweep up absorbant and place in suitable container for disposal. Wash area with a suitable cleaner and rinse.

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

For Industrial Use Only. Store in well ventilated area. Keep container closed when not in use. Remove and wash contaminated clothing immediately. Do not store food, drink, or tobacco in area where they may become contaminated with this material. Store above 32 deg. F.

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

**RESPIRATORY PROTECTION:** Not needed for recommended handling.

**VENTILATION:** local exhaust recommended: **MECHANICAL (General):** Should be sufficient.

**SKIN PROTECTION:** Latex, Rubber or Neoprene Waterproof gloves and apron may be worn.

**EYES PROTECTION:** Safety glasses with side shields or goggles may be worn.

**OTHER PROTECTION EQUIPMENT:** Rubber or plastic apron.

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

**Boiling point (F) :** 212  
**Melting point:** N/A  
**Percent volatile by volume :** 87  
**Evaporation rate:** 1 (Water=1)  
**Specific gravity (water = 1) :** 1.054  
**Appearance :** Clear to light pink liquid

**Volatile Organic Compounds:** Minimal  
**Vapor pressure:** Same as water  
**Vapor density:** Same as water  
**Solubility in water:** Complete  
**pH:** 5.00  
**Odor:** Mild sweet aroma

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

**Stability:** Stable  
**Hazardous polymerization:** Will not occur  
**Incompatibility (materials to avoid):** Strong alkalies  
**Hazardous decomposition products:** Oxides of carbon or sulfur

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

Remove free liquid and dispose of in accordance with Federal, State, and local regulations. All labeled precautions must be observed when handling, storing and transporting empty product containers due to residues. Do not re-use containers. Triple rinse containers before disposal. Dispose of in a licensed facility. recommended crushing or other means to prevent re-use.

### **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         |
| 7732-18-5          | No            | No              | No              | No          | No                 | No          | No          |
| NoTE001            | 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.