# PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Identifier:</th>
<th>Poly G-3AS Shoring Fluid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name:</td>
<td>Poly G-3AS Shoring Fluid</td>
</tr>
<tr>
<td>SDS Number:</td>
<td>Poly G-3AS Shoring Fluid</td>
</tr>
<tr>
<td>Revision Date:</td>
<td>4/15/2016</td>
</tr>
<tr>
<td>Version:</td>
<td>2</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Summer grade Shoring Fluid</td>
</tr>
</tbody>
</table>

## HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**
- Health, Acute toxicity, 5 Dermal
- Health, Acute toxicity, 5 Inhalation
- Health, Acute toxicity, 5 Oral
- Health, Serious Eye Damage/Eye Irritation, 2 B

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** WARNING

**GHS Hazard Pictograms:**
- no GHS pictograms indicated for this product

**GHS Hazard Statements:**
- H313 - May be harmful in contact with skin
- H333 - May be harmful if inhaled
- H303 - May be harmful if swallowed
- H320 - Causes eye irritation

**GHS Precautionary Statements:**
- P103 - Read SDS before use.
- P262 - Avoid contact with eyes, skin, or on clothing.
- P281 - Use personal protective equipment as required.

### Hazards not Otherwise Classified (HNOC) or not Covered by GHS

**Route of Entry:** Eyes; Skin;

**Inhalation:** Proper use of product precludes inhalation of product

**Skin Contact:** May cause irritation.

**Eye Contact:** May cause irritation.

**Ingestion:** May be harmful if swallowed.
3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

<table>
<thead>
<tr>
<th>Cas#</th>
<th>%</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>57-55-6</td>
<td>85-95%</td>
<td>Propylene glycol</td>
</tr>
<tr>
<td>102-71-6</td>
<td>3-8%</td>
<td>Triethanolamine</td>
</tr>
<tr>
<td>68071-04-5</td>
<td>3-8%</td>
<td>Boric acid, ester with 2,2',2''-nitrilotris[ethanol]</td>
</tr>
<tr>
<td>4719-04-4</td>
<td>0.5-1%</td>
<td>1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Remove contaminated clothing immediately. Promptly flush skin with water until all chemical is removed. Get medical attention if symptoms develop. Wash Contaminated clothing before reuse.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention if symptoms develop or persist.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. If conscious, drink large quantities of water. If vomiting does occur administer additional fluid. Never give anything by mouth to a victim who is unconscious or is convulsing. Get medical attention immediately.

5 FIRE FIGHTING MEASURES

Flammability: C1 Combustible Liquid
Flash Point: 211 deg F
Flash Point Method: N/A
Autoignition Temp: 790 deg F
LEL: 2.6%
UEL: 12.6%

Extinguishing Media: As for surrounding fire.

Firefighters should wear SCBA when fighting fires where this product is involved.

6 ACCIDENTAL RELEASE MEASURES

Contain spill and use absorbent material to soak up. If the spill is large, contain and pump to a DOT approved drum.

Dispose of in accordance with all local, state and federal regulations.

7 HANDLING AND STORAGE

Handling Precautions: Handle with care and avoid spillage on the floor (slippage).
Storage Requirements: Store in cool/dry area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use mechanical (general) ventilation for storage areas.
Personal Protective Equipment: HMIS PP, B | Safety Glasses, Gloves

No information available

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### PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Viscous amber liquid
- **Odor Threshold:** N/A
- **Spec Grav./Density:** 1.045
- **Viscosity:** N/A
- **Boiling Point:** 363-365 deg F
- **Flammability:** C1 Combustible Liquid
- **Odor:** mild
- **Solubility:** Complete in water
- **Freezing/Melting Pt.:** N/A
- **Flash Point:** 211 deg F
- **Partition Coefficient:** N/A
- **Vapor Pressure:** 0.08 mm Hg @ 20 deg C (68 deg F)
- **pH:** 8.0 - 9.0
- **Evap. Rate:** N/A
- **Decomp Temp:** N/A

### STABILITY AND REACTIVITY

- **Chemical Stability:** Product is stable under normal conditions.
- **Conditions to Avoid:** None
- **Materials to Avoid:** Strong oxidizers, bases, acids, nitrites and nitrates
- **Hazardous Decomposition:** Oxides of carbon and nitrogen
- **Hazardous Polymerization:** Will not occur.

### TOXICOLOGICAL INFORMATION

- **LD50 Oral Rat 34g/Kg**

### ECOLOGICAL INFORMATION

Poly G-3A is a biodegradable fluid and while relatively non-toxic to aquatic life, efforts should be made to keep this product and its dilutions from entering surface waters. This product has a large Oxygen Demand during biodegradation and may temporarily create localized low levels of dissolved oxygen which would be detrimental to aquatic life. This product is readily biodegradable in the soil but care should still be taken to contain and remove large spills.

### DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

### TRANSPORT INFORMATION

Nonregulated
**REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>Percentage</th>
<th>CODES</th>
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<tr>
<td>Propylene glycol (57-55-6)</td>
<td>57-55-6</td>
<td>85-95%</td>
<td>HAP, PA, TSCA</td>
</tr>
<tr>
<td>Triethanolamine (102-71-6)</td>
<td>102-71-6</td>
<td>3-8%</td>
<td>DHSCOI, HAP, MASS, PA, TSCA, TXAIR</td>
</tr>
<tr>
<td>Boric acid, ester with 2,2',2''-nitrilotris[ethanol] (68071-04-5)</td>
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<td>0.5-1%</td>
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Regulatory CODE Descriptions

HAP = Hazardous Air Pollutants  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act  
DHSCOI = DHS Chemicals of Interest  
MASS = MA Massachusetts Hazardous Substances List  
TXAIR = TX Air Contaminants with Health Effects Screening Level

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**OTHER INFORMATION**

HMIS III: Health = 1, Fire = 1, Physical Hazard = 0  
HMIS PPE: B - Safety Glasses, Gloves  

| HMIS |
|------|---|
| HEALTH | 1 |
| FLAMMABILITY | 1 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | B |

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