

Poly G-3A Shoring Fluid

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Poly G-3A Shoring Fluid
Common Name: Poly G-3A Shoring Fluid
SDS Number: Poly G-3A Shoring Fluid
Revision Date: 4/15/2016
Version: 2
Product Use: Winter grade Shoring Fluid

Vendor Details:

2 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 OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
57-55-6	85-95%	Propylene glycol
102-71-6	3-8%	Triethanolamine
68071-04-5	3-8%	Boric acid, ester with 2,2',2''-nitrilotris[ethanol]
4719-04-4	.5-1%	1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol

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

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous amber liquid	Odor:	mild
Odor Threshold:	N/A	Solubility:	Complete in water
Spec Grav./Density:	1.045	Freezing/Melting Pt.:	N/A
Viscosity:	N/A	Flash Point:	211 deg F
Boiling Point:	363-365 deg F	Vapor Density:	2.6 (air = 1)
Flammability:	C1 Combustible Liquid	VOC:	NO
Partition Coefficient:	N/A	Auto-Ignition Temp:	N/A
Vapor Pressure:	0.08 mm Hg @ 20 deg C (68 deg F)	UFL/LFL:	
pH:	8.0 - 9.0		
Evap. Rate:	N/A		
Decomp Temp:			

10

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.

11

TOXICOLOGICAL INFORMATION

LD50 Oral Rat 34g/Kg

12

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.

13

DISPOSAL CONSIDERATIONS

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

14

TRANSPORT INFORMATION

Nonregulated

Component (CAS#) [%] - CODES

Propylene glycol (57-55-6) [85-95%] HAP, PA, TSCA

Triethanolamine (102-71-6) [3-8%] DHSCOI, HAP, MASS, PA, TSCA, TXAIR

Boric acid, ester with 2,2',2"-nitritotris[ethanol] (68071-04-5) [3-8%] TSCA

1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol (4719-04-4) [.5-1%] TSCA

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

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