

MATERIAL SAFETY DATA SHEET
LILY PRODUCTS OF MICHIGAN, INC.

Date Last Revised: April, 2009

Poly G-3AS (Summer Grade)

I. GENERAL INFORMATION

Chemical Name & Synonyms:

Trade Name & Synonyms:

Poly G-3AS Shoring Fluid

Chemical Family:

Formula:

Propylene Glycols

Section II

Proper DOT Shipping Name:

DOT Hazard Classification:

Water based hydraulic fluid

Non Hazardous

Manufacturer:

Manufacturer's Phone Number:

Lily Products of Michigan, Inc.

(616) 245-9193

2070 Calvin, S.E.

Chemtrec Emergency Telephone:

Grand Rapids, MI 49507

1-800-424-9300

II. INGREDIENTS

Principal Components:	CAS Number:	%	Exposure Limits
Propylene Glycol	57-55-6	30 +/- 5%	LD50 Oral Rat 34g/Kg
Water	7732-18-5	25 +/- 5%	N/A
Alkanol Amide	Not Avail.	20 +/- 3%	N/D
Alkoxylated Fatty Alcohol	69227-21-0	4 +/- 2%	LD50 Oral Rat 1.35g/Kg
Triethanol Amine	102-71-6	7 +/- 3%	LD50 Oral Rat >5g/Kg
Amine Boric Acid Ester	68071-04-5	3 +/- 2%	STEL 6ppm
Hexa Hydrohydroxyethyl Triazine	4719-04-4	4 +/- 2%	N/D

III. PHYSICAL DATA

Boiling Point: 212F	Specific Gravity (H2O=1): 1.038
Vapor Pressure (mm Hg.): Not Applicable	Percent Volatile By Volume (%): 32% as water
Vapor Density (Air=1): Not Applicable	Evaporation Rate (Water=1): 1.0
Solubility in Water: Soluble	pH: at 100% = 9.0
Appearance & Odor: Viscous, amber liquid with mild odor.	

IV. FIRE & EXPLOSION HAZARD DATA

Flash Point (Test Method): None	Auto Ignition Temperature: Not Applicable
Flammable Limits: Not Applicable	LEL: UEL: N/A N/A
Extinguishing Media: As for surrounding fire	
Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus.	
Unusual Fire & Explosion Hazards: None	
NFPA Codes: Health - 1, Fire - 0, Reactivity - 0	

Threshold Limit Value:

Not Established

OSHA Threshold Limit Value:

Not Established

ACGIH Threshold Limit Value:

Not Established

Carcinogen - NTP Program:

No

Carcinogen - IARC Program:

No

Symptoms of Overexposure:

Possible irritation to skin or eyes. Some components slightly toxic to ingestion.

Medical Conditions Aggravated By Exposure:

None known

Primary Routes of Entry:

Skin and eye contact

Emergency First Aid:

SKIN & EYES - Flush with water 15 minutes. If irritation develops, seek medical attention. INGESTION - DO NOT INDUCE VOMITING. Drink water to dilute and seek medical attention immediately.

VI. REACTIVITY DATA

Stability:

Stable

Conditions To Avoid:

None

Incompatibility, Materials To Avoid:

Strong oxidizers, acids, bases, nitrites, nitrates

Hazardous Polymerization:

Will Not Occur

Conditions To Avoid:

None

Hazardous Decomposition Products:

CO_x NO_x

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response:

Contain spills larger than 1 gallon and use absorbent material to soak up. If the spill is large, contain and pump to a DOT approved drum.

Waste Disposal Method:

Dispose in accordance with all local, state, and federal regulations. When Poly G-3AS is used per directions (8oz/5 gallons) the product in the diluted form is biodegradable

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection:

Chemical resistant goggles

Skin Protection:

Rubber gloves.

Respiratory Protection:

N/A

Ventilation Recommended:

General

Other Protection:

N/A

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage:

Keep container closed when not in use. Store in cool, dry place away from chemicals listed in Section VI.

Precautions For Repair & Maintenance of Contaminated Equipment:

Not Applicable

Other Precautions:

Not Applicable