

MATERIAL SAFETY DATA SHEET

1. American Polywater Corporation

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Emergency Number: 1-651-430-2270

**Product Name: Polywater[®]
Lubricant G**

Chemical Description: Low Solids Water Solution
Canada WHMIS Class: NC

Date Reviewed: June 23, 2004

Reviewed By: S. H. Dahlke

2. HAZARDOUS INGREDIENTS

This product contains no reportable hazardous components under 29 CFR 1910.1200. There are no OSHA or ACGIH threshold limit values for the product or any of its ingredients.

All components are listed on the TSCA inventory.

3. HAZARDS IDENTIFICATION

	<u>HMIS</u>	<u>NFPA</u>	<u>Key</u>	
Health	0	0	0-minimal	3-serious
Flammability	0	0	1-slight	4-severe
Reactivity	0	0	2-moderate	

4. FIRST AID

Eye Contact: Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.

Skin Contact: If skin becomes irritated, wash area thoroughly with soap and water. If irritation continues, seek medical attention.

Inhalation (Breathing): No first aid expected to be required. Not an inhalation hazard.

Ingestion (Swallowing): No first aid expected to be required. If difficulties arise, contact a physician.

5. FIRE AND EXPLOSION HAZARD

Flash Point: No flash via COC.

Flammable Limits: Product is not flammable.

Extinguishing Media: Does not apply.

Special Procedures: Does not apply.

Unusual Hazards: Sealed container can build up pressure when exposed to high heat. Cool containers with water.

Hazardous Decomposition Products: High temperature steam, potentially carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Polywater[®] Lubricant G is extremely slippery. It should be washed, swept, or squeegeed from floor using wet mops. Oxidizing agents, such as household bleach, can be used to eliminate the slippery character. Outside, spills should be covered with sand, dirt, gravel or calcium chloride.

7. HANDLING AND STORAGE

Keep product containers closed when not in use. Avoid spills and clean them up immediately when they occur. Product is very slippery.

8. CONTROL MEASURES

Respiratory Protection: Normal ventilation adequate.

Protective Gloves: For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.

Eye Protection: Safety glasses recommended.

9. PHYSICAL DATA

Appearance: Transparent gel with faint isopropanol odor.

Vapor Pressure: 18mm @ 72°F

Specific Gravity (H₂O = 1): .98

Percent Volatiles (Weight): 99%

Viscosity: 40,000-80,000 cps. @10 rpm.

Boiling Point: 208°F (98°C)

Ignition Temperature: None

Vapor Density (Air = 1): .9 to 1.1

Solubility in Water: Infinite

Percent Water (Weight): 98%

pH: 6.5 to 8.0

10. REACTIVITY DATA

Stability: Stable

Incompatibility: Avoid materials which react with water.

Hazardous Polymerization: Will not occur.

11. HEALTH HAZARD/TOXICOLOGICAL INFORMATION

Eye Contact: Direct eye contact may cause eye irritation. Isopropanol content (<1%) is an eye irritant. This irritation is minimal and expected to be transient.

Skin Contact: This product has low skin irritation potential. There is no dermal toxicity hazard.

Inhalation (Breathing): No inhalation hazard expected with water vapor. Isopropanol has good warning properties at low vapor concentrations. At high concentration (>800 ppm), isopropanol may induce mild narcosis, usually transient.

Ingestion (Swallowing): Based on ingredients, LD₅₀ (rat) is estimated to be well over 50 g/kg.

Carcinogenic Status: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA, nor have any of its components.

12. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, county, state, and federal regulations. Polywater® Lubricant G is not considered hazardous waste under RCRA.

13. TRANSPORTATION

DOT Hazard Class: Not Applicable

DOT Shipping Name: Not Applicable

For domestic purposes, this product is not defined or designated as a hazardous material by the U.S. Department of Transportation.

14. REGULATORY STATUS

Hazard Categories for SARA Section 311/312 Reporting	Acute No	Chronic No	Fire No	Pressure No	Reactive No
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<u>Components</u>	<u>CERCLA/SARA Sec. 302 Hazardous Substance RQ</u>	<u>EHS TPQ</u>	<u>SARA Sec. 313 Toxic Release</u>
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The components of Polywater® Lubricant G are not affected by these Superfund regulations.