## MATERIAL SAFETY DATA SHEET

#### 1. American Polywater Corporation

11222 - 60th Street North

P.O. Box 53

Stillwater, MN 55082 USA Phone: 1-651-430-2270 Fax: 1-651-430-3634

**Emergency Number**: 1-651-430-2270

# Product Name: Polywater® CLR Lubricant

**Date Reviewed**: May 31, 2007 **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

## \*\*\*Emergency Overview\*\*\*

Low Solids waterbased lubricant. Clear gel

Lubricant is electrically conductive when applied. Dry from conductor before energizing circuit. In case of eye contact, flush eyes with water. Industrial use only. Very slippery if spilled.

**Eye Contact**: Direct eye contact may cause eye irritation.

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

Inhalation (Breathing): No inhalation hazard expected with water vapor.

**Ingestion (Swallowing)**: This product has low ingestion hazard.

**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.

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## 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: None 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<sup>®</sup> CLR Lubricant 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.Boiling Point:  $208 \,^{\circ}F$  ( $98 \,^{\circ}C$ )Vapor Pressure:  $18 \text{mm} \oplus 72 \,^{\circ}F$ Ignition Temperature: NoneSpecific Gravity ( $H_2O = 1$ ): .98Vapor Density (Air = 1): .9 to 1.1Percent Volatiles (Weight): 95%Solubility in Water: InfiniteViscosity:  $40,000-60,000 \, \text{cps}$ . @10 rpm.Percent Water (Weight): 95%

VOC Content 20 gms/L pH: 6.5 to 8.0 (neutral)

## 10. REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will not occur.

Incompatibility: Avoid materials which react with water.

#### 11. HEALTH HAZARD/TOXICOLOGICAL INFORMATION

Refer to Section 3 for available information on potential health effects. Based on ingredients,  $LD_{50}$  (rat) is estimated to be well over 50 g/kg

#### 12. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, county, state, and federal regulations. Polywater<sup>®</sup> CLR Lubricant 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

Canada WHMIS Class: NC

Hazard Categories for SARA Acute Chronic Fire Pressure Reactive Section 311/312 Reporting No No No No No

CERCLA/SARA Sec. 302 SARA Sec. 313

Components Hazardous Substance RQ EHS TPQ Toxic Release

The components of Polywater® CLR Lubricant are not affected by these Superfund regulations.