

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE AND PREPARATION

### American Polywater Corporation

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

**Product Name: Dyna-Blue<sup>®</sup>  
Lubricant**

**Chemical Description:** Water Emulsion of Polymers

**Product Use:** Cable and Duct Lubrication

**Date Reviewed:** 24 April 2007

**Reviewed By:** S. H. Dahlke

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains no reportable hazardous components under European Directives 91/55/EEC. 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:** Lubricant is electrically conductive when applied. Dry from conductor before energizing circuit.

**NFPA Ratings:**

Health:	0
Fire:	0
Reactivity:	0

## 4. FIRST AID MEASURES

**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-FIGHTING MEASURES

**Flash Point:** None

**Flammable Limits:** Product is not flammable.

**Autoignition Temperature:** Does not apply.

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

**Extinguishing Media:** Does not apply.

**Special Precautions:** Use self-contained breathing apparatus.

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

**6. ACCIDENTAL RELEASE MEASURES**

Dyna-Blue® Lubricant is extremely slippery. They 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. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Respiratory Protection:</b>	Normal ventilation adequate.
<b>Protective Gloves:</b>	For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.
<b>Eye Protection:</b>	Safety glasses recommended.
<b>Exposure Limits and Recommendations:</b>	Not applicable.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Opaque, light-blue gel.
<b>Odor Threshold:</b>	Not Available
<b>Vapor Density (Air = 1):</b>	.9 – 1.1
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.01
<b>Solubility in Water:</b>	Complete
<b>Boiling Point:</b>	~ 100 °C
<b>Freezing Point:</b>	~ -5 °C
<b>Vapor Pressure:</b>	18 mm @ 20 °C
<b>Coefficient of Water/Oil Distribution:</b>	Not Available
<b>Viscosity</b>	70,000 – 110,000 cps @ 10 rpm
<b>pH:</b>	6.5 to 8.5
<b>Volatiles (Weight %):</b>	97%

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	None known.
<b>Materials to Avoid:</b>	Avoid materials that react with water.
<b>Hazardous Decomposition Products:</b>	Carbon dioxide, carbon monoxide.

**11. TOXICOLOGICAL INFORMATION**

<b>Eye Contact:</b>	Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.
<b>Skin Contact:</b>	This product has low skin irritation potential. There is no dermal toxicity hazard.
<b>Irritation and Sensitization Potential:</b>	This product has low skin irritation potential. It is not a sensitizer.
<b>Inhalation (Breathing):</b>	No inhalation hazard expected with water vapor.
<b>Ingestion (Swallowing):</b>	Very low ingestion hazard.

<b>Oral Toxicity:</b>	Based on ingredients, LD <sub>50</sub> (rat) is estimated to be well over 50 g/kg.
<b>Chronic Exposure:</b>	Not Available
<b>Carcinogenic Status:</b>	This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.
<b>Reproductive Toxicity:</b>	Not Available
<b>Mutagenicity:</b>	Not Available
<b>Teratogenicity:</b>	Not Available
<b>Toxicologically Synergistic Products:</b>	Not Available

## **12. ECOLOGICAL INFORMATION**

<b>Mobility:</b>	No information available.
<b>Bioaccumulation:</b>	No information available.
<b>Ecotoxicity:</b>	No information available.
<b>Other:</b>	

## **13. DISPOSAL CONSIDERATIONS**

Dispose of product in accordance with National and Local Regulations.

## **14. TRANSPORTATION INFORMATION**

<b>UN Number:</b>	Not Listed
<b>Hazard Warning Label:</b>	Not Applicable

## **15. REGULATORY INFORMATION**

Product is not classified as hazardous according to European Directive 88/379/EEC and 67/548/EEC

## **16. OTHER INFORMATION**

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.