

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE AND PREPARATION

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Emergency Number: +1-651-430-2270

**Product Name: Dyna-Blue[®]
Lubricant**

Chemical Description: Water Emulsion of Polymers
Product Use: Cable and Duct Lubrication
Date Reviewed: 17 April 2007
Reviewed By: S. H. Dahlke

2. COMPOSITION / INFORMATION ON INGREDIENTS

This product contains no reportable hazardous components under WHMIS.

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

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.
Exposure Limits and Recommendations:	Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque, light-blue gel.
Odor Threshold:	Not Available
Vapor Density (Air = 1):	0.9 – 1.1
Specific Gravity (H₂O = 1):	1.01
Solubility in Water:	Complete
Boiling Point:	~ 100°C
Freezing Point:	~ -5°C
Vapor Pressure:	18 mm @ 20°C
Coefficient of Water/Oil Distribution:	Not Available
Viscosity	70,000 – 110,000 cps @ 10 rpm
pH:	6.5 to 8.5
Volatiles (Weight %):	97%

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Eye Contact:	Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.
Skin Contact:	This product has low skin irritation potential. There is no dermal toxicity hazard.
Irritation and Sensitization Potential:	This product has low skin irritation potential. It is not a sensitizer.
Inhalation (Breathing):	No inhalation hazard expected with water vapor.
Ingestion (Swallowing):	Very low ingestion hazard.
Oral Toxicity:	Based on ingredients, LD ₅₀ (rat) is estimated to be well over 50 g/kg.
Chronic Exposure:	Not Available

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.
Reproductive Toxicity:	Not Available
Mutagenicity:	Not Available
Teratogenicity:	Not Available
Toxicologically Synergistic Products:	Not Available

12. ECOLOGICAL INFORMATION

Mobility:	No information available.
Bioaccumulation:	No information available.
Ecotoxicity:	No information available.
Other:	

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with National and Local Regulations.

14. TRANSPORTATION INFORMATION

Transport Canada-Product Identification Number:	Not Regulated
UN Number:	Not Listed
Hazard Warning Label:	Not Applicable

15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS Classification	NC
Canadian DSL	All ingredients listed.
United States TSCA	All ingredients listed.

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.