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## Canadian Workplace Hazardous Materials Information System Material Safety Data Sheet

### I. PRODUCT IDENTIFICATION

Product Name: **ULTRA CALIPER SILICONE MOLY LUBE 8OZ BO**  
Item No: **24115**  
Product Type: **Lubricant**

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
POLYDIMETHYLSILOXANE 63148-62-9	>90	>17 g/kg	not available	
MOLYBDENUM DISULFIDE 1317-33-5	<5	not available	>2820 mg/m <sup>3</sup> /4H	10 mg/m <sup>3</sup> (inhalable); 3 mg/m <sup>3</sup> (resp. as insoluble molybdenum)

### III. PHYSICAL DATA

Physical State/Appearance: Viscous liquid  
Odour & Odour Threshold: Mild odour  
Specific Gravity: 1.03  
Evaporation Rate: <1 (butyl acetate = 1)  
Vapour Pressure: Not determined  
Vapour Density: Heavier than air  
Freezing Point: Not determined  
pH: Does not apply  
Octanol/Water Coefficient: Not determined  
Boiling Point: Not determined

### IV. FIRE AND EXPLOSIVE DATA

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam  
Hazardous Combustion Products: Silicon dioxide, carbon dioxide, Oxides of sulfur  
Sensitivity to Static Discharge: Sensitivity to static discharge is not expected.  
Conditions of Flammability: None anticipated.  
Flash Point/Range: 275 degrees C.  
Autoignition Temperature: Not determined  
Upper Explosive Limit: Not determined  
Lower Explosive Limit: Not determined

### V. REACTIVITY DATA

Conditions Causing Chemical Instability: None  
Materials to avoid: Strong oxidizers  
Conditions of Reactivity: None.  
Hazardous Decomposition Products: Oxides of sulfur, Silicon oxides

### VI. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Eye and skin contact, ingestion, inhalation  
Existing Conditions Aggravated by Exposure: May aggravate preexisting dermatitis  
Toxicity Information: **(See Effects of Acute Exposure to Product)**  
Effects of Acute Exposure: May cause skin irritation in sensitive individuals. May irritate eyes.  
Effects of Chronic Exposure: None known.  
Irritancy of Product: May cause dermatitis on prolonged contact in sensitive individuals.  
Sensitization to Product: **(See Effects of Acute Exposure to Product)**  
Carcinogenicity: **(See Effects of Chronic Exposure to Product)**  
Reproductive Toxicity: **(See Effects of Chronic Exposure to Product)**

**Product Name:** ULTRA CALIPER SILICONE MOLY  
LUBE 8OZ BO

**Item No:** 24115

## **VI. HAZARDS IDENTIFICATION**

**Teratogenicity:** (See Effects of Chronic Exposure to Product)  
**Mutagenicity:** (See Effects of Chronic Exposure to Product)  
**Toxicologically Synergistic Products:** None known  
**WHMIS Hazard Class:** Non-controlled

## **VII. PREVENTATIVE MEASURES**

**Personal Protection**

**Eyes:** Safety glasses.  
**Skin:** Neoprene or nitrile gloves recommended.  
**Ventilation:** General ventilation is usually adequate.  
**Engineering Controls:** In case of insufficient ventilation, wear an organic vapor respirator.  
**Spill Procedures:** Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.  
**Protection of Man and Environment:** Follow Canadian and local regulations for disposal.  
**Handling Procedures and Equipment:** Store in a dry area below 35°C.  
**Special Handling Information:** Avoid contact with skin and eyes.

## **VIII. FIRST AID MEASURES**

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.  
**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.  
**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

## **IX. SHIPPING INFORMATION**

### **Canadian Transportation of Dangerous Goods**

**Proper Shipping Name:** Not regulated  
**Hazard Class:** None  
**UN/ID No:** None

### **IATA**

**Proper Shipping Name:** Not regulated  
**Class or Division:** None  
**UN/ID Number:** None

### **IMDG**

**Proper Shipping:** Not regulated  
**Hazard Class:** None  
**UN Number:** None

## **X. PREPARATION INFORMATION**

**Estimated HMIS Classification:** HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0  
HMIS is a registered trademark of the National Paint and Coatings Assn.

**Estimated NFPA Rating:** HEALTH 1, FLAMMABILITY 1 REACTIVITY 1  
NFPA is a registered trademark of the National Fire Protection Assn.

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