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

### I. PRODUCT IDENTIFICATION

**Product Name:** PC WL-9 WHITE LITHIUM GREASE 42G TB  
**Item No:** 31845  
**Product Type:** Lubricant

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat	ACGIH; TLV-TWA
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 64742-52-5	<90	>5000 mg/kg	2.18 mg/L/4H	
LITHIUM SOAP 7620-77-1	<5	not available	not available	
TITANIUM DIOXIDE 13463-67-7	<5	>10000 mg/kg	not available	10 mg/m <sup>3</sup>
ZINC OXIDE 1314-13-2	<5	>5000 mg/kg	not available	2 mg/m <sup>3</sup>

### III. PHYSICAL DATA

**Physical State/Appearance:** White paste  
**Odour & Odour Threshold:** Mild odour  
**Specific Gravity:** 0.95  
**Evaporation Rate:** <1 (butyl acetate = 1)  
**Vapour Pressure:** Not determined  
**Vapour Density:** >1 (air =1)  
**Freezing Point:** Not determined  
**pH:** Does not apply  
**Octanol/Water Coefficient:** Not determined  
**Boiling Point:** >150°C

### IV. FIRE AND EXPLOSIVE DATA

**Recommended Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.  
**Hazardous Combustion Products:** Oxides of carbon, Oxides of zinc  
**Sensitivity to Static Discharge:** Sensitivity to static discharge is not expected  
**Conditions of Flammability:** None anticipated.  
**Flash Point/Range:** >150°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:** CO, CO2 and various unidentified organic compounds, Oxides of zinc

### VI. HAZARDS IDENTIFICATION

**Primary Routes of Exposure:** Eye and skin contact, ingestion, inhalation  
**Existing Conditions Aggravated by Exposure:** None known  
**Toxicity Information:** (See Effects of Acute Exposure to Product)  
**Effects of Acute Exposure:** May cause eye and skin irritation.  
**Effects of Chronic Exposure:** None.

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## **VI. HAZARDS IDENTIFICATION**

**Irritancy of Product:** Overexposure may cause eye and skin redness. Ingestion may cause nausea and vomiting.  
**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)  
**Teratogenicity:** (See Effects of Chronic Exposure to Product)  
**Mutagenicity:** (See Effects of Chronic Exposure to Product)  
**Toxicologically Synergistic Products:** None known  
**WHMIS Hazard Class:** D2B TOXIC MATERIALS

## **VII. PREVENTATIVE MEASURES**

### **Personal Protection**

**Eyes:** Safety glasses.  
**Skin:** Neoprene or nitrile gloves recommended.  
**Ventilation:** General ventilation is usually adequate.  
**Engineering Controls:** No special precautions required  
**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. Keep container closed when not in use.  
**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. Get medical attention/advice if you feel unwell.  
**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 0  
NFPA is a registered trademark of the National Fire Protection Assn.

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