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

**I. PRODUCT IDENTIFICATION**

**Product Name:** PC 767 ANTI-SEIZE LUBRICANT 454G  
**Item No:** 17511  
**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	20-40	>5000 mg/kg	2.18 mg/L/4H	
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC 64742-53-6	20-40	>5000 mg/kg	2.18 mg/L/4h	5 mg/m <sup>3</sup> TWA ACGIH
CALCIUM OXIDE 1305-78-8	15-25	500 mg/kg	not available	2 mg/m <sup>3</sup>
ALUMINIUM POWDER 7429-90-5	<10	not available	not available	1 mg/m <sup>3</sup>
GRAPHITE 7782-42-5	<10	not available	not available	2 mg/m <sup>3</sup>
MINERAL OIL 64741-44-2	<5	5000 mg/kg	1.72 mg/L/4H	5 mg/m <sup>3</sup>

**III. PHYSICAL DATA**

**Physical State/Appearance:** Silver paste  
**Odour & Odour Threshold:** Petroleum  
**Specific Gravity:** 1.17  
**Evaporation Rate:** <1 (butyl acetate = 1)  
**Vapour Pressure:** <5 mmHg @ 21°C  
**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 Chemicals, Foam.  
**Hazardous Combustion Products:** Metal vapors, oxides of carbon, nitrogen, barium, zinc, sulfur, hydrogen sulfide.  
**Sensitivity to Static Discharge:** Sensitivity to static discharge is not expected  
**Conditions of Flammability:** Keep containers cool.  
**Flash Point/Range:** >95°C COC  
**Autoignition Temperature:** Not determined  
**Upper Explosive Limit:** Aluminum: 30%  
**Lower Explosive Limit:** 7%

**V. REACTIVITY DATA**

**Conditions Causing Chemical Instability:** Stable under normal conditions  
**Materials to avoid:** Incompatible with strong bases and oxidizing agents  
**Conditions of Reactivity:** None  
**Hazardous Decomposition Products:** Carbon dioxide, Carbon monoxide, Oxides of sulfur, Oxides of barium, Oxides of nitrogen, Oxides of zinc

## **VI. HAZARDS IDENTIFICATION**

<b>Primary Routes of Exposure:</b>	Eye and skin contact, ingestion, inhalation
<b>Existing Conditions Aggravated by Exposure:</b>	Individuals with respiratory problems such as emphysema and asthma should avoid inhalation.
<b>Toxicity Information:</b>	<b>(See Effects of Acute Exposure to Product)</b>
<b>Effects of Acute Exposure:</b>	Inhalation: High concentration may cause respiratory irritation and central nervous system depression with dizziness, headache, unconsciousness. Inhaling may cause mild irritation to the nose, throat and respiratory tract. May cause eye and skin irritation. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea.
<b>Effects of Chronic Exposure:</b>	Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue blurred vision, slurred speech, giddiness, tremors and convulsion. Since this product contain copper compounds, individuals with Wilson's Disease should avoid exposure to this product.
<b>Irritancy of Product:</b>	Headache, nausea, dizziness, light headedness, staggering gait, giddiness. Irritation of eyes, skin, nose and throat. May cause dermatitis on prolonged contact in sensitive individuals. May cause gastrointestinal irritation, central nervous system depression.
<b>Sensitization to Product:</b>	<b>(See Effects of Acute Exposure to Product)</b>
<b>Carcinogenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Reproductive Toxicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Teratogenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Mutagenicity:</b>	<b>(See Effects of Chronic Exposure to Product)</b>
<b>Toxicologically Synergistic Products:</b>	None known
<b>WHMIS Hazard Class:</b>	D2B TOXIC MATERIALS

## **VII. PREVENTATIVE MEASURES**

### **Personal Protection**

<b>Eyes:</b>	Safety glasses.
<b>Skin:</b>	Neoprene or nitrile gloves recommended.
<b>Ventilation:</b>	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
<b>Engineering Controls:</b>	Wear an organic vapor respirator.
<b>Spill Procedures:</b>	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
<b>Protection of Man and Environment:</b>	Follow Canadian and local regulations for disposal.
<b>Handling Procedures and Equipment:</b>	Avoid breathing vapours. Keep container closed when not in use. Use good personal hygiene. Avoid smoking, eating or drinking during use.
<b>Special Handling Information:</b>	Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged contact with skin. Do not smoke while using. Wash hands after use. Store in a cool, dry, well-ventilated area.

## **VIII. FIRST AID MEASURES**

<b>Ingestion:</b>	Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.
<b>Skin Contact:</b>	Wash off with soap and water. If skin irritation persists, call a physician.
<b>Eye Contact:</b>	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**

<b>Proper Shipping Name:</b>	Not Regulated
<b>Hazard Class:</b>	None
<b>UN/ID No:</b>	None

### **IATA**

<b>Proper Shipping Name:</b>	Not regulated
<b>Class or Division:</b>	None
<b>UN/ID Number:</b>	None

### **IMDG**

<b>Proper Shipping:</b>	Not regulated
<b>Hazard Class:</b>	None
<b>UN Number:</b>	None

## **X. PREPARATION INFORMATION**

**Estimated HMIS Classification:** HEALTH 1, FLAMMABILITY 1, PHYSICAL HAZARD 0

**Product Name:** PC 767 ANTI-SEIZE LUBRICANT 454G

**Item No:** 17511

**X. PREPARATION INFORMATION**

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.

**Prepared By:** Denise Boyd, Manager-Environmental, Health & Safety

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**Company:**

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