

# Preferred Industrial

## **MATERIAL SAFETY DATA SHEET**

EMERGENCY#: CANUTEC (613) 996-6666

### **PRODUCT IDENTIFICATION AND PREPARATION INFORMATION**

<b>PRODUCT NAME:</b> BlacTak-OGL (Aerosol)	<b>EFFECTIVE DATE:</b> 8 Sep 2007
<b>WHMIS CLASS:</b> Class A, Class B – Div 5, Class D - Div 2B	
<b>T.D.G. CLASSIFICATION:</b> Consumer commodity, ORM-D	
<b>MATERIAL USE:</b> Open gear lubricant	

### **HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS #	%WT	TWA/TLV	LD 50	LC 50
Trichloroethylene	79-01-6	20-40	50 ppm	4820 mg/kg Oral Rat	7480 pp. Mouse 4hr
Liquified Petroleum Gas	68476-85-7	40-60	1000 ppm	N/D	N/D

### **PHYSICAL DATA**

<b>BOILING POINT:</b> ~71°C	<b>VAPOUR PRESSURE:</b> (psig @20°C) 55
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b> @22°C: 1.080	<b>VAPOUR DENSITY (Air=1):</b> >1
<b>TOTAL VOC %:</b> ~72%	<b>SOLUBILITY IN WATER (20<sup>0</sup>C):</b> Slight
<b>PH:</b> n/a	
<b>APPEARANCE AND ODOUR:</b> Black, viscous, tacky liquid, solvent odour.	

### **FIRE AND EXPLOSION DATA**

<b>FLAMMABILITY (as per Flame Projection Test):</b> Flammable spray
<b>FLASH POINT (of concentrate only):</b> ~7°C (T.O.C.)
<b>MEANS OF EXTINCTION:</b> Foam, CO <sub>2</sub> , dry media.
<b>SPECIAL PROCEDURES:</b> Wear protective gear including self-contained breathing apparatus. Cool fire exposed containers to prevent rupturing.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> Exposure to temperature above 49°C may cause bursting.

### **REACTIVITY DATA**

<b>STABILITY:</b> Stable
<b>INCOMPATIBILITY:</b> Avoid contact with strong oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Carbon dioxide, carbon monoxide.
<b>Hazardous polymerization:</b> Will not occur.

### **FIRST AID**

<b>EYE:</b> Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
<b>SKIN:</b> Wash with soap and water. If irritation persists seek medical attention.
<b>INHALATION:</b> Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
<b>INGESTION:</b> Do not induce vomiting. Seek medical attention immediately.

## **TOXICOLOGICAL PROPERTIES**

**ROUTE OF ENTRY:** Eyes contact (X), Skin contact (X), Skin absorption ( ), Inhalation (X), Ingestion (X)

### **EFFECTS OF ACUTE EXPOSURE:**

**EYE:** Contact may cause irritation but does not injure eye tissue.

**SKIN:** Frequent or prolonged contact may cause irritation.

**INHALATION:** Inhalation of mist can cause irritation of nasal and respiratory passages.

**INGESTION:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis

### **EFFECTS OF CHRONIC EXPOSURE:**

**INHALATION:** Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

**CARCINOGENICITY:** Non hazardous by WHMIS criteria.

**REPRODUCTIVE TOXIN:** n/d

**TERATOGENICITY:** n/d

**MUTAGENICITY:** n/d

**SYNERGISTIC MATERIALS:** n/d

## **PREVENTATIVE MEASURES**

**RESPIRATORY PROTECTION:** None needed for proper use in accordance with label directions.

**PROTECTIVE GLOVES:** None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

**EYE PROTECTION:** None needed unless it is anticipated that a splash or spray back will occur, and then wear safety glasses or chemical proof goggles.

**ENGINEERING CONTROLS, VENTILATION:** Provide local exhaust to keep TLV of section on hazardous ingredients below acceptable limits.

**LEAK AND SPILL PROCEDURE:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat source and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with federal, provincial and local laws.

**WASTE DISPOSAL:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult federal, provincial and local authorities for approved procedures.

**STORAGE AND HANDLING:** For Industrial and Institutional use only. Store in a cool, dry area away from heat or open flame. Do not store where temperatures exceed 49°C.

## **HMIS HAZARD RATING INFORMATION**

<b>FLAMMABILITY</b>	<b>REACTIVITY</b>	<b>HEALTH</b>
4	0	1

***DISCLAIMER:*** Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been full trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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