

PREFERRED INDUSTRIAL

MATERIAL SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: InvisiLube (Aerosol)	EFFECTIVE DATE: 8 September 2007
WHMIS CLASS: Class A, Class B – Div 5, Class Div 2B	
T.D.G. CLASSIFICATION: Consumer Commodity, ORM-D	
MATERIAL USE: Dry film lubricant and release agent	

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	TLV	LC50	LD50
Isoparaffinic Hydrocarbon	64741-55-5	40-60	400 ppm	n/d	n/d
Polytetrafluoroethylene	9002-54-0		01-05	10mg/m ³ inert dust	n/d
Liquefied petroleum gas	68476-85-7	40-60	1000 ppm	n/d	n/d

PHYSICAL DATA

BOILING POINT: ~149°C	VAPOUR PRESSURE: (psig @20°C) 45
SPECIFIC GRAVITY (H₂O=1): @23°C: 0.720	VAPOUR DENSITY (Air=1): >1
TOTAL VOC %: ~95%	SOLUBILITY IN WATER (20°C): Slight
PH: n/a	
APPEARANCE AND ODOUR: Clear liquid, solvent odour	

FIRE AND EXPLOSION DATA

FLAMMABILITY (as per Flame Projection Test): Flammable spray
FLASH POINT (of concentrate only): 10°C (T.O.C.)
MEANS OF EXTINGUISHMENT: Foam, CO ₂ , dry media.
SPECIAL PROCEDURES: Wear protective gear including self-contained breathing apparatus. Cool fire exposed containers to prevent rupturing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to temperature above 49°C may cause bursting.

REACTIVITY DATA

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

FIRST AID

EYE: Flush with running water for at least 15 minutes. Get medical assistance.
SKIN: Flush with soap and water for at least 15 minutes. Get medical attention if irritation persists.
INHALATION: Remove to fresh air. If breathing is difficult give oxygen. If not breathing, administer artificial respiration and then give oxygen. Get medical assistance.
INGESTION: If swallowed, do not induce vomiting. Rinse mouth out with water. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

PREF DRY SKID

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes, skin contact & absorption, inhalation, ingestion

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 accords 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

<u>FLAMMABILITY</u>	<u>REACTIVITY</u>	<u>HEALTH</u>
4	1	2

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 WHIMIS. 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.

PREFERRED INDUSTRIAL

#3160 – 21331 Gordon Way
Richmond, BC
V6W 1J9