

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Penetrating Gel Lubricant **EFFECTIVE DATE:** January 7, 2009
WHMIS CLASS: A, B-Div 5, D-Div 2b **CHEMICAL FAMILY:** N/A
T.D.G. CLASSIFICATION: Consumer Commodity, Orm-D **MATERIAL USE:** A high tack lubricant gel

HAZARDOUS INGREDIENTS

| INGREDIENTS | CAS # | Wt% | TWA-TLV | LC50 | LD50 |
|---------------------------|------------|-------|----------|------|------|
| Isoparaffinic Hydrocarbon | 64741-66-8 | 10-20 | 400 ppm | N/D | N/D |
| Acetone | 67-64-1 | 10-20 | 750 ppm | N/D | N/D |
| Liquefied Petroleum Gas | 68476-85-7 | 40-50 | 1000 ppm | N/D | N/D |

PHYSICAL DATA

BOILING POINT(°F): 52°C **COEF. OF WATER/OIL DIST.:** N/A
VAPOUR PRESSURE of can (psig @20°C): 50 **SPECIFIC GRAVITY (H₂O=1): @23°C:** 0.780
VAPOUR DENSITY (Air=1): >1 **PERCENT VOLATILE (by vol.):** N/A
SOLUBILITY IN WATER: Moderate **EVAPORATION RATE (H₂O=1):** N/A
PH (as supplied): N/A **Total VOC %:** -78%
APPEARANCE AND ODOUR: Cloudy liquid, solvent odor

FIRE AND EXPLOSION DATA

FLAMMABILITY (as per Flame Projection Test): Flammable Spray
FLASH POINT (of Concentrate only): -12°C (T.O.C)
SPECIAL FIRE FIGHTING PROCEDURES: Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to temperature above 50°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 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.
SKIN: Wash with soap and water. If irritation persists seek medical attention.
INHALATION: remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
INGESTION: Do not induce vomiting. Seek medical attention immediately.

TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE:

EYE: May cause irritation

SKIN: Frequent or prolonged contact may cause irritation

INHALATION: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

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

EFFECTS OF CHRONIC EXPOSURE:

SKIN: N/D

SENSITIZATION: N/D

REPRODUCTIVE TOXIN: N/D

MUTAGENICITY: N/D

SYNERGISTIC MATERIALS: N/D

EXPOSURE LIMITS: N/D

IRRITANCY: N/D

CARCINOGENICITY: Non Hazardous by WHMIS Criteria

TERATOGENICITY: N/D

PREVENTATIVE MEASURES

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

VENTILATION: Provide local exhaust to keep TLV of Ingredients Lists below acceptable limits

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

EYE PROTECTION: If it is anticipated that a splash or spray back may occur, wear safety glasses or chemical proof goggles.

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources 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 METHOD: 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 REQUIREMENTS & HANDLING PROCEDURES: KEEP OUT OF REACH OF CHILDREN

For industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 50°C

NFPA Code 30B rating: Level 3 Aerosol.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN ·
>=MORE THAN

HMIS HAZARD RATING INFORMATION

FIRE
3

REACTIVITY
1

HEALTH
2

PERSONAL PROTECTION
B

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

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 fully 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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