

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Product identifier: MOLYSLIP MULTI-PURPOSE GREASE

Product number: 5970-5979

Product use: Lubricating Grease

Supplier name and address:

Molyslip (Canada) Inc.
1145 Bellamy Road N., Unit #20
Scarborough, Ontario, Canada
M1H 1H5

Manufacturer's name and address:

Refer to Supplier

Emergency Telephone #: 613-996-6666 (CANUTEC)

SECTION 2 - CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Inorganic Clay	68911-87-5	10-14		
Mineral Oil	64742-52-5	5-10	5 mg/m ³	
Mineral Oil	64742-62-7	75-80	5 mg/m ³	
Molybdenum disulfide	1317-33-5	3-5		

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Target organs: Skin & eyes

Signs and symptoms of short-term (acute) exposure:

Inhalation: Inhalation is unlikely.

Skin contact: Prolonged or repeated skin contact may cause skin irritation.

Eye contact: Contact of the material with the eyes may cause irritation.

SECTION 4 - FIRST AID MEASURES

Inhalation: Not a normal route of entry. If respiratory irritation does occur for any reason, remove victim to fresh air. Assist breathing and call for medical attention if necessary.

Skin contact: Wash thoroughly with soap and water. Remove & launder contaminated clothing.

Eye contact: Flush with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Do NOT induce vomiting. Get medical attention. If possible, provide a copy of this sheet to the attending doctor.

SECTION 5 - FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability: Not classified as a flammable material, but is inherently combustible and may be ignited if exposed to a powerful enough ignition source.

Flash point (Method): 535°F (D-92)

Lower flammable limit (% by volume): Not available

Upper flammable limit (% by volume): Not available

Explosion data:

Sensitivity to mechanical impact: Not sensitive to mechanical impact.

Sensitivity to static discharge: Not sensitive to static discharge at normal temperatures.

Oxidizing properties: This product is not an oxidizer.

Auto-ignition temperature: 560°F.

Suitable extinguishing media: Water-fog, foam, dry chemical or carbon dioxide

Special fire-fighting procedures/equipment: None

Hazardous combustion products: Oxides of carbon and sulfur.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Spilled product presents a significant slip hazard, so avoid walking through area or spreading spilled material. Avoid exposing this product to open flames.

Environmental precautions: Prevent product from entering drains, sewers and watercourses.

Spill response/Cleanup: Absorb with sand or inert material, sweep or scoop up spilled material and transfer to a suitable container for disposal, recycling or reclamation. May be incinerated. Clean affected areas with water and detergent. Make sure all slippery residues have been removed from walking surfaces.

Prohibited materials: None known.

SECTION 7 - HANDLING AND STORAGE

Safe handling procedures: Wash thoroughly after handling. Do not get in eyes or on clothing. Clean up spilled material immediately to prevent slips.

Storage requirements: Keep containers closed. Keep away from sparks and open flames. Provide suitable mechanical equipment for safe handling of drums and heavy packages.

Incompatible materials: None known.

Special packaging materials: Not required.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls: Use with adequate ventilation.

Respiratory protection: Not normally required.

Protective gloves: Wear neoprene gloves.

Eye protection: Face shield is recommended.

Other protective equipment: None normally required.

Permissible exposure levels: See Section 2 for OSHA PEL's.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical form, colour and odour: Grey semi-solid with petroleum odour.

Odour threshold: Not available.

pH: Not applicable.

Boiling point: 700°F

Melting/freezing point: 500°F/15°F

Vapour pressure: Not available.

Solubility in water: Insoluble.

Coefficient of oil/water distribution: Not available.

Specific gravity or relative density (water = 1): 0.90 @ 16°C

Vapour density: Not available.

Volatile organic compounds (VOC's): 0%

Evaporation rate: Not available.

SECTION 10 - REACTIVITY AND STABILITY DATA

Stability and reactivity: Stable product. Hazardous polymerization will not occur.

Conditions to avoid: Avoid open flames.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Oxides of carbon and sulfur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of exposure: Skin, eyes, ingestion.

Toxicological data: This product has been used for years with no known ill effects. It contains no known carcinogens or mutagens as defined by OSHA or IARC. Not a controlled substance under WHMIS.

Carcinogenicity: None known.

Teratogenicity, mutagenicity, other reproductive effects: None known.

Sensitization to material: Not known to cause allergies.

Conditions aggravated by exposure: Not known.

Synergistic materials: Not known.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental effects: Due to its physical form, this product has a low mobility in the environment. Biodegradability unknown - no applicable test. No data on chemical oxygen demand.

Important environmental characteristics: Low solubility in water.

Aquatic toxicity: Unknown.

SECTION 13 - WASTE DISPOSAL

Handling for disposal: Place used and contaminated materials/packaging in suitable containers. Label them for disposal or recycling.

Methods of disposal: Dispose of the waste in accordance with all applicable federal, provincial or state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) information:

Shipping description: Not regulated for transportation.

International Dangerous Goods information:

IMO: Not regulated for transportation.

ICAO: Not regulated for transportation.

Other information: None.

SECTION 15 - REGULATORY INFORMATION

WHMIS information: This product is not a controlled substance under WHMIS.

SECTION 16 - OTHER INFORMATION

Other information: The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from the supplier.

If you have purchased this product for supply to a third party for use at work, it is your duty to take all necessary steps to make sure that any person handling or using the product is provided with the information in this sheet. If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions, which should be taken.

Prepared by: Molyslip (Canada) Inc.

Telephone number: 416-438-5523

Preparation date: May 4, 2015

Additional notes or references:

Abbreviations:

ACGIH:	American Conference of Governmental Industrial Hygienists
IARC:	International Agency for Research on Cancer
IMO:	International Maritime Organization
ICAO:	International Civil Aviation Organization
mg/m ³ :	Milligrams per cubic metre
N/Ap	Not applicable
N/Av:	Not available
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Health and Safety Administration
PEL:	Permissible Exposure Limit
TLV:	Threshold Limit Value
WHMIS:	Workplace Hazardous Materials Information System