



MATERIAL SAFETY DATA SHEET

PROLAB TECHNOLOGIE INC.

4531 rue Industrielle, Thetford Mines, (Québec), G6H 2J1, Canada
 Tél. (418) 423-2777 Fax : (418) 423-7619

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Moly-32-2
MANUFACTURER:	PROLAB TECHNOLOGIE INC.
EMERGENCY PHONE:	CANUTEC (613) 996-6666
MATERIAL USES:	SEMI-SYNTHETIC GREASE ALL YEAR
WHMIS CLASSIFICATION:	D2B

SECTION 02: COMPOSITION & INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	% WEIGHT	CAS #	LD50, ROUTE, SPECIE	LC50, SPECIE
Benzenesulfonic acid, dodecyl-, calcium salt	1-5	26264-06-2	1300 mg/kg ORAL, RAT	Not available
Calcium phosphate, tribasic	1-5	7758-87-4	Not available	Not available
Poly(1-decene), homopolymer, hydrogenated	30-60	68037-01-4	Not available	Not available
Polysulfides, di-tert-dodecyl	1-5	68425-15-0	Not available	Not available
Molybdenum disulfide	1-5	1317-33-5	Not available	Not available

SECTION 03: HAZARD IDENTIFICATION

Potential acute health effects:	<u>Ingestion</u> : Possible irritation. <u>Eyes and Skin</u> : Irritation to skin or eyes. <u>Inhalation</u> : Symptoms may include dizziness, drowsiness, nausea, headache and other central nervous system effects.
Potential chronic health effects:	Carcinogenic effects: None known Mutagenic effects: None known Teratogenic effects: None known Reproduction system effects: None known Chronic exposition effects: None known Synergistic materials: Not available

SECTION 04: FIRST AID MEASURES

Eye contact:	Flush immediately with water for at least 15 minutes keeping eye lids opened. Do not rub. Call a physician.
Skin contact:	Wash immediately with water for at least 15 minutes. Remove all contaminated clothes. Consult a physician if irritation persists. Wash contaminated clothes et destroy shoes or any leather items saturated with the product.
Inhalation:	If indisposed by fumes, remove to fresh air. If breathing is difficult, give oxygen. If breathing stops, perform artificial respiration. If irritation persists or symptoms appear, consult a physician.
Ingestion:	Do not induce vomiting. If conscious, give 2 glasses of water. In case of vomiting, prevent aspiration of material through lung. Call a physician immediately.

SECTION 05: FIRE AND EXPLOSION DATA

Auto-ignition temperature:	Not available
Flash point:	> 220°C
Flammability limit: Lower	Not available
Flammability limit: Upper	Not available
Firefighting media:	Dry chemicals, CO2, foam.
Firefighting instruction:	Wear protective clothing and use self-contained breathing apparatus. Do not inhale vapors or fumes. Product is combustible and floats over water. Water may cause foaming and splattering.
Products of combustion:	Carbon monoxide and dioxide gas, fumes and other incomplete combustion products.
Fire hazards/explosion in presence of various substances:	May cause a fire at temperatures above the flash point.
Special remarks on fire/explosion hazards:	Use water to cool fire exposed containers.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Small spill:	Soak with absorbent material and place in containers for disposal.
Large spill:	Eliminate potential source of sparks and flame. Equipment used to manipulate the product must be grounded. Follow safety rules. Contain the spill to prevent water spill. Use absorbents (clay or sand). Large spills should be removed mechanically and placed in containers, construct dikes around ground spills, and contain water spills by damming. Contact authorities.

SECTION 07: HANDLING AND STORAGE

Storage:	Store in a cool, dry and well-ventilated area away from heat and combustion sources. Wear required personal protective apparatus. Container should be grounded.
-----------------	---

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:	For Molybdenum disulfide: ACGIH TLV-TWA 3 mg/m ³ & PEL-TWA 15 mg/m ³ .
Engineering controls:	Local ventilation: Normally not needed Mechanical ventilation: YES
Personal protection:	Eye: Safety glasses or goggles Gloves: Chemical resistant and other skin protection Respiratory: In confined space or when ventilation is inadequate, use approved respirator with organic vapor cartridge
Work/hygienic practices:	Wash with soap and water after use. Avoid ingestion. Practice good personal hygiene.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical state & appearance :	Grey smooth grease, solvent odor
Boiling point :	not available
Freezing point :	not available
Density :	0.9800 g/cm ³
Solubility in water :	Insoluble
Odor threshold :	not available
Vapor pressure :	not available
Vapor density :	not available
Evaporation rate :	not available
pH :	not applicable
Viscosity :	41.4-50.6 cSt @ 40°C
Coefficient of distribution :	not available

SECTION 10: STABILITY AND REACTIVITY DATA

Stability:	Stable in normal handling conditions
Incompatibility:	Strong oxidizing or reducing agents
Corrosivity:	None

SECTION 11: TOXICOLOGICAL INFORMATION

Route of entry:	Inhalation, eyes, skin, ingestion
Toxicity on animals:	Not available for this product
Chronic effects on humans:	Eye, skin, digestive and respiratory tract irritant

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
BOD5 et COD:	Not available
Products of biodegradation:	Not available
Toxicity of the products of biodegradation:	Not available

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal:	Disposal should be in compliance with federal, provincial and local regulations.
------------------------	--

SECTION 14: TRANSPORT INFORMATION

Shipping name :	Not regulated
TDG classification :	Not regulated
UN number :	Not applicable
Packing group :	Not applicable
Limited index quantity :	Not applicable

SECTION 15: OTHER REGULATORY INFORMATION AND PICTOGRAMS

Hazardous material information system (NFPA)	Minimal	0	Health hazard	1
	Slight	1	Fire hazard	1
	Moderate	2	Reactivity	0
	Serious	3		
	Severe	4		
WHMIS pictograms:  D2B	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.			

SECTION 16: OTHER INFORMATION

LEGEND:	ND = No data available, NA = Not applicable
REFERENCES:	Material Safety Data Sheet issued by Commission de la Santé et de la Sécurité du Travail du Québec. Material Safety Data Sheet issued by suppliers.
PREPARED BY:	R-D Department ... Tel: (418) 423-2777 August 7, 2015

NOTICE TO READER

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of **PROLAB TECHNOLOGIE INC.**'s knowledge. **PROLAB TECHNOLOGIE INC.** makes no warranty whatever express or implied of merchantability or fitness for the particular purpose. The information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Customers are encouraged to conduct their own tests. Before using the product, read its label. **PROLAB TECHNOLOGIE INC.** assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.