



LPS LABORATORIES
MSDS
MATERIAL SAFETY DATA SHEET

Section 1 - Product Identification and Use

Manufacturer's Name:

LPS Laboratories

Trade Name:

LPS ThermaPlex™ Hi-Load Bearing Grease

Street Address:

4647 Hugh Howell Road

Chemical Family:

Petroleum Hydrocarbons

City, State, Zip:

Tucker, GA 30085-5052

Part Numbers:

70414, 70406, 70435, 70455

Telephone Number: 770-934-7800

Emergency Telephone Number: 1-800-424-9300 Chemtrec

Outside U.S.: (703) 527-3887

Hazardous Materials Description and proper shipping name (49 CFR 172.101):

Compound, Boiler, Preserving Liquid

NMFC 50093 SUB 2 BRL/BXS CL55

TSCA Inventory:

All of the ingredients are listed on the TSCA inventory.

HMIS Labeling:

Health: 1

Flammability: 1

Reactivity: 0

Section 2 - Hazardous Ingredients / Identity Information

Ingredients	CAS Numbers	%WW	OSHA PEL	ACGIH TLV	OTHER LIMITS
Petroleum hydrocarbon oil	64742-52-5	70-90	5 mg/m3*	5 mg/m3*	N.E.
Molybdenum Disulfide	1317-33-5	1-5	N.E.	N.E.	N.E.
*Oil mist					

Section 3 - Physical / Chemical Characteristics

Boiling point (F°):	N.E.	Specific gravity (H2O = 1):	1.00
Vapor pressure (mmHg) @100°F :	N.E.	Percent volatile by volume (%):	0
Vapor density (Air = 1):	> 1	Evaporation rate (n-Butyl Acetate = 1):	<1
Solubility in water:	Nil		
Appearance and odor:	Blue/black colored paste, petroleum odor.		

Section 4 - Fire and Explosion Hazard

Flash point (method used): > 392° F PMCC

Flammable limits (of diluent): LEL N.E. UEL N.E.

Extinguishing media: Foam, dry chemical, or carbon dioxide.

Special fire fighting procedures: Do not use water. Self-contained breathing apparatus should be provided to fire fighters. **Unusual fire and explosive hazards:** None

Section 5 - Health Hazard Data

N.E. = Not established
N.A. = Not applicable

Primary route(s) of entry: Eyes, skin.

Health hazard/effects of over exposure:

Inhalation: Oil mist may cause irritation of the respiratory tract.

Eyes: Irritation.

Skin: Repeated or prolonged contact may cause drying and defatting of skin.

Ingestion: Not a likely route of exposure. Low order of oral toxicity; however minute amount aspirated into lungs during ingestion may cause severe pulmonary injury.

Medical conditions aggravated by exposure: None from normal exposure.

Chemicals listed as potential carcinogen: NTP: No IARC: No OSHA: No

Emergency and first aid procedures:

Inhalation: Move to fresh air and contact physician. Administer oxygen if breathing is difficult.

Eyes: Flush eyes with plenty of water and contact physician.

Skin: Wash with soap and water; apply medicated skin cream.

Ingestion: Contains petroleum oil. Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact physician immediately.

Section 6 - Reactivity Data

Stability: Stable

Conditions to avoid: No specific measures necessary.

Incompatibility (Materials to avoid): Strong oxidizing agents.

Hazardous decomposition products: Thermal decomposition may yield, carbon monoxide, carbon dioxide, smoke, and fumes.

Hazardous polymerization: Will not occur.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Scoop up excess, wipe up with rags. Pick-up residue with diatomaceous earth to avoid walking hazard.

Waste disposal methods: Dispose of in accordance with local, state and federal regulations for petroleum distillates.

RCRA Hazardous Waste No.: N.A.

CERCLA Reportable Quantity: N.A.

SARA TITLE III Chemicals: None.

Precautions to be taken in handling and storage: Store below 150°F and above 32°F. Store away from ignition sources and avoid breathing vapors.

Section 8 - Control Measures

Respiratory Protection: None required if good ventilation is maintained.

Ventilation: Local exhaust is usually adequate.

Protective gloves: Use solvent resistant gloves for prolonged or repeated contact.

Eye protection: Use face shield or goggles if eye contact is likely.

Other protective equipment: As necessary to prevent prolonged or repeated skin contact.

Work/hygienic practices: Wash hands with soap and water after use and/or before breaks, lunch and at the end of work periods. Remove contaminated clothing and launder before reuse.

Section 9 - Preparation Date of MSDS

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LPS Laboratories



Form # 2656

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