

MATERIAL SAFETY DATA SHEET

Superior Lubricants Co., Inc.

32 Ward Road

North Tonawanda, New York 14120

(716) 693-6050

(800) 638-1887

HEALTH EMERGENCIES:

Call POISON CONTROL CENTER

(716) 878-7654

Product Name: See Section I

Issue Date: 1/30/92

I. MATERIAL IDENTIFICATION

Name: Lubricating Grease

Synonyms: Chassis Grease, Wheel Bearing Grease, Hi-Temp Grease, Multi-Purpose Grease, Moly Grease, Grease

Chemical Family: Petroleum Hydrocarbon

DOT Shipping Name: N/A

DOT Hazard Classification: Not regulated

ID Number: None

II. INGREDIENTS

Hydrotreated distillate, heavy paraffin, heavy naphthenic, hydrotreated bottoms, lithium hydroxystearate, sulfurized lard oil, naphthenic acids, lead salts, solvent refined hydrotreated residual oil, molybdenum disulfide.

CAS NUMBERS

64742-54-7 hydrotreated distillate, heavy paraffin, solvent
64742-65-0 solvent dewaxed distillate, heavy paraffin
64741-96-4 solvent refined distillate, heavy naphthenic
64742-57-0 solvent refined hydrotreated residual oil
64742-52-5 severely hydrotreated naphthenic distillate
7620-77-1 lithium hydroxystearate

61790-49-6 sulfurized lard oil
61790-14-5 naphthenic acids, lead salts
64742-50-3 spent lube oil, clay treated
64742-62-7 solvent dewaxed residual oil
1317-33-5 molybdenum disulfide

III. PHYSICAL DATA

Stability: Stable under normal conditions of handling and storage.

Conditions to Avoid: Avoid contact with any source of heat or flame. Extended exposure to high temperatures may cause decomposition.

Incompatibility (materials to avoid): Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Combustion may yield major amounts of oxides of carbon and minor amounts of oxides of sulfur and nitrogen.

Hazardous Polymerization: Will not occur

Polymerization Conditions to Avoid: None anticipated

Approximate Boiling Point: 660°F/316°C

Vapor Density (air = 1): Greater than 1

Evaporation Rate (n-butyl acetate = 1): Less than 1

% Volatile by Vol.: Negligible

% Soluble in Water: Not noted

Vapor Pressure: Not noted

PH: Not noted

Specific Gravity: Not noted

Approximate Bulk Density (Lb./Gal.): Not noted

Material will burn but will not ignite readily. Keep away from heat and flame. Do not pressurize, cut, weld, braze, solder, grind, or drill on or near this container. "Empty" containers retain residue (liquid and/or vapor) and may explode in heat of a fire. First Aid: In case of contact, flush eyes with plenty of water. If swallowed, call a physician.

IV. FIRE AND EXPLOSION HAZARD DATA

NFPA Hazard Class	Hazard Ranking	Flash Point
Health Hazard - 0	0 = least	
Flammability - 1	1 = slight	
Reactivity - 0	2 = moderate	430° F COC
	3 = high	221° C COC
	4 = extreme	

Extinguishing Media: Extinguish with dry chemical, CO₂, water spray, foam, sand or earth. Water and foam may cause frothing.

Fire and Explosion Hazards: This material will burn, but will not ignite readily. If container is not properly cooled, it may explode in heat of a fire.

Firefighting Procedures: Water spray may be useful in flame. Avoid spreading burning liquid with water used for cooling purposes. Move undamaged containers from fire area if it can be done without risk.

V. HEALTH DATA

Eye Contact: This material may cause mild eye irritation. Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing and redness.

Skin Contact: This material may cause skin irritation. Prolonged or repeated contact may cause redness, burning and drying and cracking of the skin. Contact may result in skin absorption but symptoms of toxicity are not anticipated by this route alone under normal conditions of use. Persons with pre-existing skin disorders may be more susceptible to the effect of this material.

Inhalation: Because of its low volatility, exposure to vapors or mists produced under certain conditions of use may cause irritation of the nose and throat.

VI. FIRST AID PROCEDURES

Eye Contact: If irritation or redness develops, move victim away from exposure to fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin Contact: Wipe material from skin and remove contaminated clothing and shoes. Clean affected area(s) thoroughly by washing with soap and water, and if necessary, a waterless skin cleanser. If irritation or redness develops and persists, seek medical attention.

Inhalation: If respiratory symptoms develop, remove victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek medical attention.

Ingestion: If swallowed, seek medical attention. If victim is drowsy or unconscious, place on left side with head down. Do not give anything by mouth. If possible, do not leave victim unattended.

Comments: High pressure grease gun injuries may produce substantial necrosis of underlying tissue despite an innocuous appearing external wound. Often these injuries require extensive emergency surgical debridement and all injuries should be evaluated by a specialist in order to access the extent of injury.

VII. SPECIAL PROTECTION INFORMATION

Ventilation: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see Section I), additional ventilation or exhaust systems may be required. Where explosive mixture may be present, electrical systems safe for such locations should be used.

Respiratory Protection: The use of respiratory protection is advised when concentrations exceed the established exposure limits (see Section I). Depending on the airborne concentration, use a respirator or gas mask with appropriate cartridges and canisters (NIOSH approved, if available) or supplied air equipment.

Protective Gloves: The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

Eye Protection: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

Other Protective Equipment: It is suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

VIII. ENVIRONMENTAL DATA

Precautions in Case of Release or Spill: Stay upwind and away from spill. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section I). Do not enter or stay in area unless monitoring indicates that it is safe to do so. Material will burn; keep all sources of ignition away from spill. Take up spilled material with sand or other inert non-combustible material, then flush area with water. Contact fire authorities and appropriate federal, state or local agencies. Prevent spilled liquid from entering sewers, storm drains or other unauthorized treatment/drainage systems and natural waterways. If spill of any amount is made into or upon U.S. navigable waters, the contiguous zone, or adjoining shorelines, notify the National Response Center (phone number: 800-424-8802).

Reportable Quantity: None

Waste Disposal Method: Dispose of product in accordance with local, state and federal regulations.

IX. STORAGE AND SPECIAL PRECAUTIONS

Handling and Storage Precautions: Store in dry, cool location. Keep away from incompatible materials (see Section V). Avoid generating oil mists while handling. Avoid prolonged or repeated skin contact. Wash thoroughly after handling. Do not wear oil-soaked clothing or shoes.

X. DISCLAIMER

The information contained within this document is believed to be accurate as of the date issued. Because product use is beyond our control, no warranty is given, expressed or implied. The information is furnished on the condition that the person(s) receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof. To determine applicability or effect of any law or regulation with respect to the product, users should consult a legal advisor or appropriate governmental agency.