

MATERIAL SAFETY DATA SHEET

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Section 1 – Product Identification

Product Name: **LUBCHEM 4I-24 & 4I-ISO (All Grades)**

Product Type: Wireline Grease Sealant/lubricant

Chemical Name and Synonyms: Wireline Grease

Formula/CAS Number: No CAS Number

Section II – Hazardous Ingredients/Identity Information

Component	CAS Number	%	Exposure Limits
Petroleum Hydrocarbon	64742-52-5	40-70	(Oil Mist): TWA ACGIH, TLV (ppm) 5 OSHA, PELS (ppm) 5 NIOSH, TWA (ppm) 5
Polymer	Proprietary	15-30	
Additives	Proprietary	5-10	

Section III – Physical / Chemical Characteristics

Boiling Point: N/D

Specific Gravity (H₂O – 1): .86 to .930

Vapor Pressure (mm hg.): N/D

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1) : <1

Solubility in Water: Insoluble

Appearance/Odor: Tacky Oily Liquid/ Hydrocarbon Odor

Section IV – Fire and Explosion Hazard Data

Flash Point (Method) : >300 Deg F (COC) Flammable Limits–LEL: N/D UEL: N/D

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, and Sand

Special Fire Fighting Procedures: Standard Firefighter's protection and self contained breathing apparatus to prevent exposure to fumes and smoke, and products of combustion.

Unusual Fire and Explosion Hazards: Water spray may splash burning liquid and spread fire.

Section V – Reactivity Data

Stability: Stable

Conditions to Avoid: Stability: Material is Stable

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

Hazardous Decomposition Products: Miscellaneous organic compounds some possibly toxic.

Hazardous Polymerization: Will not occur

Section VI – Health hazard Data

Threshold Limit Value: None Established

Carcinogens under OSHA, ACGIH, NTP, and IARC: This product contains no carcinogens in concentrations of 0.1 percent or greater.

Signs and systems of Overexposure:

Eyes: Mechanical irritant, prolonged exposure may cause irritation.

Inhalation: No effects known, inhalation is not an expected route of entry.

Ingestion: Moderately irritating by ingestion, may cause diarrhea.

Skin: In case of contact with the skin, product acts as slight local irritant and possible allergen.

Medical Conditions Generally Aggravated by Exposure: None currently known

Emergency and First Aid Procedures:

Eyes: Flush eyes with water for 15 minutes while holding eyelids open. If irritation persists, get medical attention.

Inhalation: Remove to fresh air. If not breathing give artificial respiration, preferable mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Keep head below hip to prevent aspiration of vomit into the lungs. Never give anything to an unconscious person. Call a physician.

Skin: Wash skin thoroughly with soap and water, launder soiled clothing before reuse. Call a physician.

HMIS CODES

Flammability 1

Reactivity 0

Health 1

Section VII – Environmental Protection:

Steps to Be Taken In Case Material is Released or Spilled: Attempt to recover. Pick up small spills with shovel or spatula.

Waste Disposal Method: Comply with all governmental regulations.

Section VIII – Special Precautions:

Precautions During Handling and Storage: Do not store containers in direct sunlight, Keep containers away from excessive heat.

Other Precautions: Avoid contact with skin and eyes. Use good housekeeping practices and clean up spill promptly. Eye wash and safety shower should be in close proximity.

Section IX – Control Measure:

Respiratory Protection (Specify Type): None expected to be required

Ventilation – Local Exhaust: Acceptable

Protective Gloves: Neoprene Coated Gloves,

Eye Protection: Safety Glasses

Work/Hygienic Practices: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area.

Section X – Transportation Data

DOT Proper Shipping Name: Not Regulated

Label Requirements: N/A

Section XI – Regulatory Information

All ingredients are listed on the TSCA inventory

This document is prepared pursuant to the OSHA Hazard Communication Standard (29CFR1910.1200). The information herein is given in good faith, but no warranty, express or implied, is made. Consult Lubchem, Inc. For further information: 281-350-9600

Abbreviations: N/A: Not Applicable N/D: Not Determined