



Material Safety Data Sheet

Section 1 — Chemical Product And Company Identification

Manufacturer: LHB Industries Emergency Telephone Number (800) 424-9300 (Chemtrec)
8833 Fleischer Place Information Telephone Number (314) 423-4333
Berkeley, MO 63134 Date of Preparation May 9, 2008

Product ID: Pro Lube
Specification: MIL-PRF-32033
LHB Part Numbers: 0724-003
National Stock Number: 9150-00-458-0075
CAGE Code: 0FTT5
QPL No: LP-7053A

Section 2 — Composition / Information On Ingredients

CAS No.	Ingredient	Wt%	ACGIH TLV <STEL>	OSHA PEL <STEL>
64742-53-6	Petroleum Oil (Severely hydrotreated)	>85	5 mg/m ³ (mists)	5 mg/m ³ (mists)

Section 3 — Hazards Identification

ROUTES OF EXPOSURE: Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE: May cause severe eye irritation and reversible skin irritation. Prolonged skin exposure may cause dermatitis or oil acne. Breathing mists may cause pulmonary irritation or dizziness.

Excessive inhalation may produce dizziness, nausea, headache, and incoordination.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory, skin, and eye disorders.

CANCER INFORMATION: NTP, IARC, or OSHA lists none of the components of this product as carcinogens.

Section 4 — First Aid Measures

Inhalation: Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

SKIN CONTACT: Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Call a physician if irritation persists. Wash clothing and shoes before reuse.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Consult medical personnel if irritation persists.

INGESTION: If swallowed, do not induce vomiting. Call emergency medical care. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Never give anything by mouth to an unconscious person.

Section 5 — Fire Fighting Measures

Flash Point 225°F Min. (COC) LEL ND UEL ND
EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemicals, Water Spray and Foam
SPECIAL EXPOSURE HAZARDS: Do not expose to temperatures over 120°F. Keep away from heat, sparks and flame. Containers may explode when exposed to extreme heat. Fire may produce irritating or poisonous gases.
SPECIAL PROTECTIVE EQUIPMENT: Water may be used to keep fire-exposed containers cool. Fire fighters should wear full protective clothing, including self-contained breathing equipment.
NFPA RATING: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0
HMIS CLASSIFICATION: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

Section 6 — Accidental Release Measures

PERSONAL PRECAUTIONARY MEASURES: Avoid inhalation. Use good ventilation. Read entire label before using and follow all label directions.

ENVIRONMENTAL PRECAUTIONARY PROCEDURE FOR CLEANING/ABSORPTION: Remove ignition sources and work with non-sparking tools. Wipe, scrape or soak up contents in an inert material. Pick up spill for recovery or disposal and place in a closed container. Dispose of in accordance with applicable Federal, State & Local regulations.

Section 7 — Handling and Storage

HANDLING: Keep out of reach of children. Keep away from heat, sparks, and open flame. Contents under pressure. Do not puncture, incinerate, or expose to temperatures above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally.

STORAGE: CATEGORY – NFPA 30B Level 1 Aerosol

Do not store where temperatures may exceed 120°F (48.9°C).

Section 8 — Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Local Exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

RESPIRATORY PROTECTION: If personal exposure cannot be controlled to below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

GLOVES: None required for normal application or where a minimal skin contact is expected. For long or repeated contact wear chemical resistant gloves.

SKIN PROTECTION: Not normally necessary. Wash promptly when skin becomes contaminated.

EYES: Safety glasses with side shields or chemical goggles.

OTHER PERSONAL PROTECTION DATA: Avoid contact with skin and eyes. Wash hands after using.



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Section 9 — Physical and Chemical Properties

PHYSICAL STATE: Liquid
COLOR: Clear and Light Amber
ODOR: Petroleum Oil
SPECIFIC GRAVITY: 0.88
DENSITY: 7.34 lbs/gal
pH: NA
VAPOR DENSITY (AIR=1): >1
EVAPORATION RATE: <1
SOLUBILITY IN WATER: Insoluble
PERCENT VOLATILE BY VOLUME: < 5

Section 10 — Stability and Reactivity

CHEMICAL STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Do not expose to heat or store at temperatures above 120°F
MATERIAL TO AVOID: Strong acids. Oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, and Carbon Dioxide

Section 11 — Toxicological Information

TOXICOLOGY DATA (listed if available)

Section 12 — Ecological Information

ECOLOGICAL INFORMATION: No data available

Section 13 — Disposal Considerations

DISPOSAL OF WASTE METHOD: Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 — Transport Information

U.S. DOT 49 CFR 172.101 Hazardous Material Table

DOT SHIPPING NAME: Consumer Commodity
HAZARD CLASS: ORM-D

IATA: List of Dangerous Goods

PROPER SHIPPING NAME: Aerosols, non-flammable
HAZARD CLASS OR DIVISION: 2.2
IDENTIFICATION NUMBER: UN1950

Section 15 — Regulatory Information

U.S. REGULATORY RULES

SARA SECTION 302: None
SARA 313 CHEMICALS: None
CALIFORNIA PROPOSITION 65: None

VOC CONTENT: <3.0 lbs/gal (minus exempt solvents and water)

Section 16 — Other Information

REVISION NUMBER: 04

ADDITIONAL INFORMATION: This MSDS has been prepared in accordance with FED-STD-313D and meets the requirements of 29 CFR 1910.1200.

IMPORTANT NOTE: This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or any process. Final determination of suitability of any material is the sole responsibility of the user.

Prepared by: Mark Epstein, R&D Manager

*** END OF MSDS***