

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

ALCO-METALUBE

HEAVY DUTY GREASE

AQMD Super Compliant

Alco-Metalube Company LLC

P.O. Box 6439
Oxnard, CA 93035
USA

24 Hour Emergency Contact Information:

Tel: (805) 573-8674

Customer Service: (805) 573-8674

SECTION 2: HAZARDS IDENTIFICATION

GHS Ratings:

GHS Hazards

GHS Precautions

There are no GHS ratings that apply to this product at this time.

SECTION 3: COMPOSITION INFORMATION ON CLASSIFIED INGREDIENTS

Component/Chemical Name	CAS No.	Weight Concentration %
Barium Sulfate	7727-43-7	
Lubricant Base Oil (Petroleum)	Various	30.00% - 40.00%
Proprietary - Additives	Proprietary - Additives	1.00% - 5.00%
Distillates, petroleum, hydrotreated heavy paraffinic	64742-54-7	1.00% - 5.00%
Residual oils, petroleum, solvent-refined	64742-01-4	1.00% - 5.00%

The specific identity and exact concentration of any included proprietary ingredient is withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Inhalation: If inhalation occurs, move the exposed person to fresh air. Avoid further inhalation and seek medical attention.

Eye Contact: In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. If irritation develops seek medical attention.

Skin Contact: In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water. If redness or irritation develops, seek medical attention.

Ingestion: If material is ingested, seek immediate medical attention. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Haz Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and other organic compounds will be evolved when the material undergoes combustion.

Fire Fighting Instructions: This material will burn. For fires involving this material, do not enter any enclosed or confined fire space without protective equipment including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of ignition in vicinity of spilled material.

Spill Management: Stop the source of the release if you can do so without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting: Follow Local, State and Federal authority's regulations for reporting spills.

SECTION 7: HANDLING AND STORAGE

General Handling Information: Avoid contaminating soil or releasing this product into sewage, drainage system and bodies of water.

Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition. Empty containers should be completely drained, properly closed and promptly returned to a drum reconditioner or disposed of properly.

Storage Conditions: Store in dry indoor area, preferably under mild temperature conditions. Store in original packaging. Keep container tightly closed when not in use. Avoid freezing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Barium sulfate 7727-43-7	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	5 mg/m ³ TWA (inhalable fraction, particulate matter containing no asbestos and <1% crystalline silica)	NIOSH: 10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)

Lubricant Base Oil (Petroleum) Various	TWA: 5 mg/m3 as Oil Mist, if generated	TWA: 5mg/m3 STEL: 10 mg/m3 as Oil Mist, if generated	None reported
Proprietary - Additives Proprietary - Additives	None reported	None reported	None reported
Distillates, petroleum, hydrotreated heavy paraffinic 64742-54-7	PEL (Oil mist) - 5 mg/m3	PEL (Oil mist) - 10 mg/m3	None established
Residual oils, petroleum, solvent-refined 64742-01-4	None reported	None reported	None reported

Engineering Controls: Use in a well ventilated area.

General Considerations: Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

Skin Protection: No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include: Nitrile Rubber, Silver Shield, Viton .

Respiratory Protection: No respiratory protection is normally required. If user operations generate an oil mist, determine if airborne concentrations are below the occupational exposure limit. If not, wear an approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators use a particulate cartridge. Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Attention: The data below are typical values and do not constitute a specification .

Appearance: Light green

Odor: Little to no odor

Physical State: Semi-solid

Vapor Pressure: Not applicable

Odor Threshold: Unknown

Vapor Density (Air = 1): Not determined

pH: Not applicable

Specific Gravity: 1.5

Viscosity SUS @ 100 F: Not determined

Freezing Point/Range: Not determined

Solubility: Non-soluble

Boiling Point/Range: Not determined

Flash Point: 437 F, 225 C

Evaporation Rate: Not determined

Flammability Unknown
Explosive Limits: Not determined
Partition Coefficient (n-octanol/water): Unknown
Autoignition Temperature: Calculated
Decomposition Temperature: Unknown
VOC (Concentrate) Grams/Liter: Negligible
Grade NLGI: 2

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Incompatibility With Other Materials: Avoid contact with: Strong oxidizers, strong acids.

Conditions to Avoid: Extreme temperatures, open flames.

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition Products: None known (None expected).

SECTION 11: TOXICOLOGICAL INFORMATION

Mixture Toxicity

Inhalation Toxicity LC50: 112mg/L

Component Toxicity (if applicable)

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No data found

SECTION 12: ECOLOGICAL INFORMATION

Component Ecotoxicity

Distillates, petroleum, hydrotreated heavy paraffinic	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 48 Hr EC50 Daphnia magna: >1000 mg/L
Residual oils, petroleum, solvent- refined	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L 48 Hr EC50 Daphnia magna: >1000 mg/L

SECTION 13: DISPOSAL CONSIDERATION

Follow Local, State and Federal regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific

shipping requirements.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	N.O.I.B.N.; NOT REGULATED AS A HAZARDOUS MATERIAL UNDER 49 CFR.			
IATA	NOT REGULATED AS DANGEROUS GOODS			
IMDG	NOT REGULATED AS DANGEROUS GOODS			

SECTION 15: REGULATORY INFORMATION

Regulatory lists searched:

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
US	California Prop 65	No
CA	Canada DSL	No
US	CERCLA	No
CN	China Inventory (IECSC)	No
EU	EINECS	No
MY	Malaysia Inventory (EHS Register)	No
US	SARA 311/312	No
US	TSCA	No

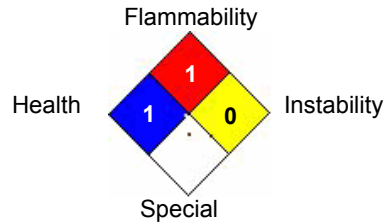
SECTION 16: OTHER INFORMATION

Hazardous Material Information System (HMIS)

HEALTH	<input type="text" value="1"/>
FLAMMABILITY	<input type="text" value="1"/>
PHYSICAL HAZARD	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text"/>

HMIS & NFPA Hazard Rating Legend
 * = Chronic Health Hazard
 0 = INSIGNIFICANT
 1 = SLIGHT
 2 = MODERATE
 3 = HIGH

National Fire Protection Association (NFPA)



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The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.