



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

# SAFETY DATA SHEET

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Issue Date: 9 October 2024

Serious Lube

Version: 1

**Product name:** Serious Lube

## 1. COMPANY DETAILS AND PRODUCT IDENTIFICATION

COMPANY: Hi-Tec Oil Traders Pty Ltd. (ABN 28 053 837 362)

ADDRESS: PO Box 322 Castle Hill NSW 1765  
5 Tarlington Place, Smithfield NSW 2164

TELEPHONE NUMBER: 1300 796 009

FAX NUMBER: (02) 9604 1611

EMERGENCY TELEPHONE NUMBER: 1300 796 009

PRODUCT NAME: Serious Lube

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI7-1039

USE: Lithium complex grease with graphite and copper for automotive and industrial applications.

ADDITIONAL INFORMATION: Refer to Product Information Sheet for additional information.

OTHER INFORMATION: Visit our website: [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)  
Email: hitecoils@hi-tecoils.com.au

## 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: HAZARDOUS SUBSTANCE  
NON-DANGEROUS GOODS  
Hazard classification according to criteria of NOHSC and GHS.  
Dangerous Goods classification according to the Australian Dangerous Goods Code.



SIGNAL WORD (S): Warning



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### 2. HAZARDS IDENTIFICATION (CONT)

#### OTHER INFORMATION:

Used greases may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and environment on disposal. All used oils should be handled with caution and skin contact avoided as far as possible.

#### GHS HAZARD CLASSIFICATION:

ACUTE AQUATIC TOXICITY:

Category 1

CHRONIC AQUATIC TOXICITY:

Category 1

#### HAZARD STATEMENTS:

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

#### PRECAUTIONARY STATEMENTS:

P102: Keep out of reach of children.

P103: Read label before use.

P273: Avoid release to the environment.

P391: Collect spillage Keep container tightly closed.

#### STORAGE STATEMENTS:

P403+233: Store in a well ventilated place. Keep container tightly closed.

P403+235: Store in a well ventilated place. Keep cool.

P405: Store locked up.

#### DISPOSAL STATEMENTS:

P501: Dispose of contents/container in accordance with local, regional, national and international regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### CHEMICAL CHARACTERISTICS:

Paste

#### INGREDIENTS:-

##### CHEMICAL ENTITY

Highly refined petroleum oils

Copper Flakes

Dilithium azelate

Phosphorodithioc acid, mixed O,O-bis

(2-ethylhexyl and iso-propyl) esters, zinc salts

##### CAS NO

Mixture

7440-50-8

38900-29-7

7440-50-8

##### PROPORTION

50 – 70 % weight

2.5 - 5 % weight

< 2.5 % weight

< 1.2 % weight

#### COMMENTS:

This product is a lithium complex grease based on mineral oil with additives. The mineral oils in the product contain <3% DMSO-extract (IP 346).



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## 4. FIRST AID MEASURES

### GENERAL INFORMATION:

You should call the Poisons Information Centre on 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) if you feel that you may have been poisoned, burned or irritated by this product. Have this SDS with you when you call.

### INHALATION:

If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give 100% oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

### SKIN CONTACT:

Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with water, then wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.

### EYE CONTACT:

Flush eyes with plenty of water while holding eyelids open. Rest eyes for 30 minutes. If redness, burning, blurred vision or swelling occur, transport to nearest medical facility for additional treatment.

### INGESTION:

Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention. Have victim rinse mouth out with water, then drink sips of water to remove taste from mouth. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

### NOTES TO PHYSICIAN:

In general, emesis induction is unnecessary in high viscosity, low volatility products such as oils and greases.

## 5. FIRE FIGHTING MEASURES

### SUITABLE EXTINGUISHING MEDIA:

Material will float and can be re-ignited on surface of water. Use water fog, 'alcohol resistant foam', dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames. Do not use a direct stream of water.

### FIRE FIGHTING:

Material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus.

### SPECIAL HAZARD:

Fire may produce irritating, corrosive and or toxic gases

## 6. ACCIDENTAL RELEASE MEASURES

### PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

### LAND SPILL:

Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.



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## 6. ACCIDENTAL RELEASE MEASURES (CONT)

### WATER SPILL:

Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.

### ENVIRONMENTAL PRECAUTIONS:

Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.

## 7. HANDLING AND STORAGE

### SAFE HANDLING:

High pressure injection under the skin may occur due to the rupture of pressurized lines. Always seek medical attention. No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.

### GENERAL HYGIENE:

Handle in accordance with good industrial hygiene and safety practice. Avoid prolonged or repeated contact with skin.

### SAFE STORAGE:

Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.

### SPECIAL PRECAUTIONS:

Prevent small spills and leakages to avoid slip hazard.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.

### PERSONAL PROTECTION:

Personal protective equipment (PPE) selections vary based on potential exposure conditions such as handling practices, concentration and ventilation. Information on the selection of eye, skin and respiratory protection for use with this material is provided below.

### EYE/FACE PROTECTION:

Chemical Goggles, or Safety glasses with side shields

### SKIN PROTECTION:

Use protective clothing which is chemically resistant to this material. Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits and other items. Selection(s) should take into account such factors as job task, type of exposure and durability requirements. Published literature, test data and/or glove and clothing manufacturers indicate the best protection is provided by: Neoprene, or Nitrile Rubber.





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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT)

#### RESPIRATORY PROTECTION:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134. Types of respirator(s) to be considered in the selection process include: For Mist: Air Purifying, R or P style NIOSH approved respirator. For Vapors: Air Purifying, R or P style prefilter & organic cartridge, NIOSH approved respirator. Self-contained breathing apparatus.

#### HYGIENE MEASURES:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory at the end of the working period.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### APPEARANCE:

Black, smooth, semi-solid grease

#### LIQUID DENSITY AT 25°C (kg/m<sup>3</sup>):

1000

#### ODOUR:

No data available

#### ODOUR THRESHOLD:

No data available

#### pH:

No data available

#### MELTING /FREEZING POINT (°C):

No data available

#### INITIAL BOILING POINT AND BOILING RANGE (°C):

No data available

#### FLASH POINT (°C):

>150

#### EVAPORATION RATE:

No data available

#### FLAMMABILITY:

No data available

#### UPPER/LOWER FLAMMABILITY LIMITS:

No data available

#### KINEMAIC VISCOSITY AT 40 °C:

> 20.5 cSt

#### VAPOUR PRESSURE:

No data available

#### VAPOUR DENSITY (AIR=1):

No data available

#### RELATIVE DENSITY:

No data available

#### WATER SOLUBILITY

Insoluble

#### SOLUBILITY IN OTHER SOLVENTS:

No data available

### 9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)



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PARTITION COEFFICIENT):

No data available

AUTO IGNITION TEMPERATURE (°C):

No data available

DECOMPOSITION TEMPERATURE (°C):

No data available

### 10. STABILITY AND REACTIVITY

STABILITY:

Material is stable under normal conditions.

CONDITIONS TO AVOID:

Avoid heat and open flames.

INCOMPATIBLE MATERIALS:

Strong oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases will evolve when this material undergoes pyrolysis or combustion. Aldehydes, Calcium Oxide, Carbon Monoxide, Carbon Dioxide, Hydrogen Sulfide, Ketones and other unidentified organic compounds may be formed upon combustion..

### 11. TOXICOLOGICAL INFORMATION

#### TOXICOLOGICAL EFFECTS

EMERGENCY OVERVIEW:

Appearance & Odor: Black, smooth grease. Characteristic odor.  
Health Hazards: No known immediate health hazards. High-pressure injection under the skin may cause serious damage. Physical Hazards: No known physical hazards.

INHALATION:

Inhalation of vapors (generated at high temperatures only) or oil mist may cause mild irritation of the nose, throat, and respiratory tract.

EYE CONTACT:

May cause slight irritation of the eyes. If irritation occurs, a temporary burning sensation, minor redness, swelling, and/or blurred vision may result.

SKIN CONTACT:

May cause slight irritation of the skin. If irritation occurs, a temporary burning sensation and minor redness and/or swelling may result. Release of the material during high-pressure applications may result in injection under the skin causing possible extensive tissue damage which is difficult to heal. Other adverse effects not expected from brief skin contact..

INGESTION:

Generally considered to have a low order of acute oral toxicity.

SIGNS AND SYMPTOMS:

Irritation as noted above. Local necrosis is evidenced by delayed onset of pain and tissue damage a few hours following injection.

### 11. TOXICOLOGICAL INFORMATION (CONT)



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**AGRAVATED MEDICAL CONDITIONS:** Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

## DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

**SKIN CORROSION/IRRITATION:** Based on available data, the classification criteria are not met.

**SERIOUS EYE DAMAGE/EYE IRRITATION:** Based on available data, the classification criteria are not met.

**RESPIRATORY OR SKIN SENSITISATION:** Based on available data, the classification criteria are not met.

**GERM CELL MUTAGENICITY:** Based on available data, the classification criteria are not met.

**CARCINOGENICITY:** Based on available data, the classification criteria are not met.

**REPRODUCTIVE TOXICITY:** Based on available data, the classification criteria are not met.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**ASPIRATION HAZARD :** Based on available data, the classification criteria are not met.

**ENDOCRINE DISRUPTING PROPERTIES:** This product does not contain any known or suspected endocrine disruptors.

**OTHER ADVERSE EFFECTS:** No information available.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** Very toxic to aquatic life with long lasting effects.

**UNKNOWN AQUATIC TOXICITY:** Contains 0 % of components with unknown hazards to the aquatic environment.

**PERSISTENCE AND DEGRADABILITY:** Not readily biodegradable.

**BIOACCUMULATION:** There is no data for this product.

**MOBILITY IN SOIL:** After release, adsorbs onto soil.

**MOBILITY:** Insoluble in water.

**PBT AND vPvB ASSESSMENT:** The substance is not PBT/vPvB

**ENDOCRINE DISRUPTING PROPERTIES:** This product does not contain any known or suspected endocrine disruptors.

**OTHER ADVERSE EFFECTS:** No information available.

## 13. DISPOSAL CONSIDERATIONS





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## DISPOSAL:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of contents/container to industrial incineration plant. Should not be released into the environment. Use personal protection recommended in Section 8.

## CONTAMINATED PACKAGING:

Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

### ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

UN NO:	3077
PROPER SHIPPING NAME:	Environmentally hazardous substances, solid, n.o.s. (Copper Flakes).
HAZARDOUS GOODS CLASS:	9
PACKING GROUP:	III
ENVIRONMENTAL HAZARDS:	Yes
SPECIAL PRECAUTIONS FOR USER:	None

### MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN NO:	3077
PROPER SHIPPING NAME:	Environmentally hazardous substances, solid, n.o.s. (Copper Flakes).
HAZARDOUS GOODS CLASS:	9
PACKING GROUP:	III
ENVIRONMENTAL HAZARDS:	Yes
SPECIAL PRECAUTIONS FOR USER:	None



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### 14. TRANSPORT INFORMATION (CONT)

#### AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN NO:	3077
PROPER SHIPPING NAME:	Environmentally hazardous substances, solid, n.o.s. (Copper Flakes).
HAZARDOUS GOODS CLASS:	9
PACKING GROUP:	III
ENVIRONMENTAL HAZARDS:	Yes
SPECIAL PRECAUTIONS FOR USER:	None

### 15. REGULATORY INFORMATION

POISON SCHEDULE:	Not scheduled.
PACKING & LABELLING:	No special packaging or labelling requirements.
AUSTRALIAN INVENTORY STATUS:	All components are listed or exempted.

### 16. OTHER INFORMATION

CONTACT PERSON/POINT:	General Manager 1300 796 009
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This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.

### 16. OTHER INFORMATION



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## LITERATURE REFERENCES:

- \* Safework Australia: 2016 Code of Practice for the Preparation of Safety Data Sheets for Hazardous Substances.
- \* NOHSC: 2011 National Code of Practice for the preparation of Material Safety Data Sheets.
- \* NOHSC: 1008 Approved Criteria for Classifying Hazardous Substances.
- \* NOHSC: 10005 List of Designated Hazardous Substances.
- \* NOHSC: 1005 Control of Workplace Hazardous Substances, National Code of Practice.
- \* NOHSC: 2007 Control of Workplace Hazardous Substances, National Code of Practice.
- \* NOHSC: 1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards.
- \* NOHSC: 3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note.
- \* NOHSC: 1015 Storage and Handling of Workplace Dangerous Goods, National Standard.
- \* NOHSC: 2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice.
- \* SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons
- \* ADG: Australian Dangerous Goods Code
- \* MSDS of component materials.

## LAST CHANGE:

Supersedes document issued: New Document

Reason/s for revision: Compliance with GHS requirements.

**MR420190/1**

**END OF SDS**



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