Lidomont Pty Ltd trading as Prolube Lubricants
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# SAFETY DATA SHEET

*compiled according to Safe Work Australia and the GHS*



## 1. IDENTIFICATION

| | |
|---|---|
| ***Product Identifier*** | **BRAKE PARTS CLEANER** |
| ***Product Code*** | 1415 |
| ***Other Means of Identification*** | Hydrocarbon Solvent |
| ***Recommended Use of the Chemical and Restriction on Use*** | Automotive applications, Brake Parts Cleaner, Solvent Cleaner |
| ***Details of Manufacturer or Importer*** | Lidomont Pty. Ltd., trading as Prolube Lubricants<br>15 Pinacle Street, Brendale, Queensland, 4500 |
| ***Phone*** | 07 3881 1733 (+61 7 38811733 – International) |
| ***Emergency Telephone*** | 000 (Australia Only) |
| ***Poisons Information Centre Phone*** | 13 11 26 |

## 2. HAZARDS IDENTIFICATION

| | |
|---|---|
| ***Physical Hazard(s)*** | Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS 7) and Safe Work Australia criteria. |
| ***Health Hazard(s)*** | Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS 7) and Safe Work Australia criteria.<br>(All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 Test, hence are not classified as a carcinogen.) |
| ***Dangerous Goods*** | Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road or Rail (ADG Code). |
| ***Environment Hazard(s)*** | Aquatic Hazard |
| ***GHS Label Elements*** |  |
| ***Signal Word*** | **DANGER** |

**Classification of the Substance or Mixture**

| | |
|---|---|
| Aspiration Hazard | Category 1 |
| Skin Corrosion Irritation | Category 2 |
| Flammable Liquids | Category 2 |
| Reproductive Toxicity | Category 2 |
| STOT (Respiratory Tract Irritation) | Category 3 |
| STOT (Narcotic Effects) | Category 3 |
| Aquatic Hazard | Category 2 |

**Hazard Statement(s)**

- ***H225*** Highly Flammable liquid and vapour
- ***H304*** May be fatal if swallowed and enters airways
- ***H315*** Causes skin irritation
- ***H335*** May cause respiratory irritation
- ***H336*** May cause drowsiness or dizziness
- ***H361*** Suspected of damaging fertility or the unborn child
- ***H401*** Toxic to aquatic life

**Precautionary Statement(s): General**

- ***P101*** If medical advice is needed, have product container or label at hand
- ***P102*** Keep out of reach of children
- ***P103*** Read label before use

**Precautionary Statement(s): Prevention**

- ***P202*** Do not handle until all safety precautions have been read and understood
- ***P210*** Keep away from heat/sparks/open flames/hot surfaces. No smoking
- ***P233*** Keep container tightly closed
- ***P240*** Ground and bond container and receiving equipment
- ***P241*** Use explosion-proof electrical, ventilating, lighting and all other equipment
- ***P242*** Use non-sparking tools
- ***P243*** Take action to prevent static discharges
- ***P261*** Avoid breathing dust/fume/gas/mist/vapours/spray
- ***P264*** Wash hands and face thoroughly after handling
- ***P271*** Use only outdoors or in a well-ventilated area
- ***P273*** Avoid release to the environment
- ***P280*** Wear protective gloves/protective clothing including eye/face protection and suitable respirator

**Precautionary Statement(s): Response**

- ***P301+P310*** IF SWALLOWED: Immediately call a Poison Centre /Doctor
- ***P303+P361+P353*** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower)
- ***P304+P340*** IF INHALED: Remove person to fresh air and keep comfortable for breathing
- ***P312*** Call a Poison Centre if you feel unwell
- ***P331*** Do NOT induce vomiting
- ***P332+P313*** If skin irritation occurs: Get medical advice/attention
- ***P362+P364*** Take off contaminated clothing and wash it before reuse
- ***P370+P378*** In case of fire use Carbon Dioxide ($CO^2$), dry chemical or foam for extinction

**Precautionary Statement(s): Storage**

- ***P403+P233*** Sore in a well-ventilated place. Keep container tightly closed
- ***P403+P235*** Store in a well-ventilated place. Keep cool
- ***P405*** Store locked up.

**Precautionary Statement(s): Disposal**

- ***P501*** Dispose of contents/container as hazardous waste in accordance with local regulations.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

| *Component* | *CAS Number* | *Concentration* |
|---|---|---|
| Hexane | 110-54-3 | 10-≤25% |
| Naphtha (petroleum), hydrotreated light | 64742-49-0 | 40-<50% |
| 2-Propanol | 67-63-0 | 10% |
| Ingredients determined to be non-hazardous | | Balance |

## 4. FIRST AID MEASURES

***Inhalation***

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

***Skin contact***

Immediately remove contaminated clothing. Wash contact areas with soap and water. Continue flushing with water for at least 15 minutes or until advised by a Doctor/Physician. Seek medical attention if discomfort continues. Launder all contaminated clothing before reuse.

***Eye contact***

Rinse cautiously with water for several minutes. Remove contact lenses if present and safe to do so. Continue rinsing. If irritation occurs, get medical assistance.

***Ingestion***

Do not induce vomiting. Wash out mouth with water. If vomiting occurs, keep head down to reduce risk of inhalation. Give further water. Immediately call a Poisons Centre or Doctor.

## 5. FIRE FIGHTING MEASURES

***Suitable extinguishing equipment***

In case of fire use water mist or fog, dry chemical, foam or carbon dioxide fire extinguisher. DO NOT use high pressure water jet as this may spread the fire.

***Specific hazards arising from the chemical***

Highly flammable liquid and vapour. May form flammable vapour mixtures with air. Combustion products may contain carbon monoxide and carbon dioxide and smoke. Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

***Special protective equipment and precautions for firefighters***

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

***Personal precautions, protective equipment and emergency procedures***

Shut off all possible sources of ignition and increase ventilation. Avoid sparks and open flames. No smoking. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and earthing all equipment. Use spark free implements.
No action should be taken which might involve personal risk or without suitable training. Use Safe Work Australia approved respiratory protection, chemical resistant gloves, protective clothing and safety boots.
Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

***Environmental precautions***

In the event of a major spill, prevent spillage from entering drains or water courses, basements or confined spaces. Dyke far ahead of liquid spill for later recovery and disposal.

***Methods and materials for Containment and cleaning up***

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.
Collect the spilled material and place into a suitable container for disposal according to local regulations, preferably using a licensed waste disposal contractor.

## 7. HANDLING AND STORAGE

***Precautions for safe handling***

Highly flammable product. Use appropriate personal protective equipment – see Section 8. Use safe work processes to avoid eye or skin contact and inhalation of vapours. Use only in well-ventilated areas.
Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.

Do not store in contact with food, beverages or tobacco products. Eating drinking or smoking in areas where this product is stored or processed should be prohibited. Always wash thoroughly after handling. Wash contaminated clothing and other protective equipment before storage or reuse. Provide eyewash fountains and safety showers in close proximity to points of use.

***Conditions for safe storage***

Store in accordance with local regulations in a cool, dry and well-ventilated area. Store in original container tightly closed and away from incompatible materials (see Section 10). Check regularly for leaks and physical damage. Opened containers should be carefully resealed and stored in an upright position. Empty containers may contain residues and be dangerous. Store and use only in equipment designed for use with this type of product. Use appropriate bunding or containment to prevent environmental contamination.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

***Exposure control measures (components)***

| | | |
|---|---|---|
| n-Hexane | TWA 72 mg/m$^3$ | Safe Work Australia |
| Isopropyl alcohol | TWA 983 mg/m$^3$ | Safe Work Australia |
| n-hexane | STEL – none published | Safe Work Australia |
| Isopropyl alcohol | STEL 1230 mg/m$^3$ | Safe Work Australia |

***Engineering controls***

Engineering controls should be in place as a primary source of protection over the use of Personal Protective Equipment. Ensure adequate ventilation of the working area or provide exhaust ventilation to keep the relevant airborne concentrations below acceptable levels.

***Individual protection measures***

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

***Eye and face protection****:* If contact is likely, safety glasses with side shields are recommended.

***Skin protection:*** Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include chemical resistant, nitrile or viton. Long sleeve and long pants will provide protection.

***Respiratory protection:*** If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. A particulate type respirator should be considered for this material. No special requirements under ordinary conditions of use and with adequate ventilation.
For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

***Specific Hygiene Measures:*** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practise good housekeeping.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| ***Appearance:*** *Form* | Clear liquid |
| *Colour* | colourless |
| *Odour* | Slight petroleum, sweet |
| ***Odour Threshold*** | Not determined |
| ***pH-Value*** | Not applicable |
| ***Melting point/Melting range*** | -95°C (typical) |
| ***Boiling Point Range*** | 65-69°C (typical) |
| ***Flash Point*** | -27 °C (ASTM D56) |
| ***Flammability*** | Product is classified as Highly Flammable Class 3 PG II. |
| ***Auto-ignition Temperature*** | Not available |
| ***Decomposition Temperature*** | No information available |
| ***Explosion Limits:*** *Lower* | 1 Vol % (typical) |
| *Upper* | 7.4 Vol % (typical) |
| ***Vapour Pressure at 20 °C*** | 8 kPa at 0°C |
| ***Relative Density at 15 °C*** | 0.678kg/$m^3$ |
| ***Vapour Density*** | >1 |
| ***Evaporation Rate*** | Not applicable |
| ***Solubility in Water*** | Negligible |

## 10. STABILITY AND REACTIVITY

***Reactivity:*** May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

***Chemical stability:*** Stable at ambient temperature and under normal conditions of use.

***Possibility of hazardous reactions:*** Hazardous polymerization will not occur. May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

***Conditions to avoid:*** Excessive heat. Open flames. All sources and high energy sources of ignition.

***Incompatible materials:*** Strong oxidisers. Strong acids

***Hazardous decomposition products:*** Material does not decompose at ambient temperatures.

## 11. TOXICOLOGICAL INFORMATION

| | |
|---|---|
| ***Acute Toxicity: LD50/LC50 values relevant*** | |
| *Oral LD 50* | (Rat) - >2000 mg/kg |
| *Dermal LD50* | Not available |
| *Inhalation LC50* | > 20mg/L |
| ***Acute Health Effects*** | |
| *Inhalation* | Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness. |
| *Skin* | May cause irritation |
| *Eye* | May cause irritation |
| *Ingestion* | No adverse health effects expected |
| ***Skin Corrosion / Irritation*** | Classified as category 2 hazard |
| ***Serious Eye Damage / Irritation*** | Based on classification principles, the classification criteria are not met |
| ***Respiratory or Skin Sensitisation*** | Based on classification principles, the classification criteria are not met |
| ***Germ Cell Mutagenicity*** | Based on classification principles, the classification criteria are not met |
| ***Carcinogenicity*** | Based on classification principles, the classification criteria are not met |
| ***Reproductive Toxicity*** | The material has been classified as a category 2 hazard |
| ***Specific Target Organ Toxicity (STOT) -*** | |
| *Single Exposure* | Classified as category 3 for respiratory tract irritation and narcotic effects. |
| *Repeated Exposure* | Based on classification principles, the classification criteria are not met |
| ***Aspiration Hazard*** | Classified as an aspiration hazard category 1 |
| ***Chronic Health Effects*** | No information available |
| ***Existing Conditions Aggravated by Exposure*** | No information available |

## 12. ECOLOGICAL INFORMATION

***Ecotoxicity:*** This material has been classified as toxic to aquatic organisms – Category 2.

***Persistence and degradability:*** No information available

***Bioaccumulative Potential:*** No information available

***Mobility in soil:*** No information available

## 13. DISPOSAL CONSIDERATIONS

***Disposal method and Containers***

Dispose according to applicable local and state government regulations.
Empty containers may contain residue and can be dangerous. Packaging should be recycled and disposal via incineration or landfill should only be considered when recycling not possible. *Do not pressurize, cut, weld, braze, solder, drill grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death.*

***Special precautions for incineration or landfill***

Consult your state Land Waste Management Authority for more information. Product may be suitable for burning in an enclosed controlled burner for fuel value or disposal by incineration at very high temperatures.

## 14. TRANSPORT INFORMATION

| | **Australian Dangerous Goods (ADG)** | **International Maritime Dangerous Goods (IMDG)** | **International Air Transport Association (IATA)** |
|---|---|---|---|
| ***UN Number*** | 1993 | 1993 | 1993 |
| ***UN Proper Shipping Name*** | Flammable Liquid, N.O.S (contains Naphtha(petroleum) hydrotreated light, n-Hexanes, propan-2-ol) | Flammable Liquid, N.O.S (contains Naphtha(petroleum) hydrotreated light, n-Hexanes, propan-2-ol) | Flammable Liquid, N.O.S (contains Naphtha(petroleum) hydrotreated light, n-Hexanes, propan-2-ol) |
| ***Dangerous Goods Class*** | 3 | 3 | 3 |
| ***Packing Group*** | II | II | II |
| | | | |

***Special precautions for user:*** None Available

## 15. REGULATORY INFORMATION

***Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) – Poison Schedule***

Not scheduled

***Australian Inventory of Chemical Substances (AICS)***

All components are listed or exempt

## 16. OTHER INFORMATION

***For advice, contact a Poisons Information Centre (Phone. Australia 131 126; New Zealand 0 800 764766) or a doctor.***

***Revision information*** Prepared by Lidomont Pty Ltd, 15 Pinacle St Brendale QLD

***Previous Versions:*** 01-Jun-21
Date and Changes: Updated and Revised 28-Jun-26
Review of data and health statements and layout with Company data

***Abbreviations Used***
GHS, Globally Harmonized System of classification and labelling of chemicals
CAS, Chemical Abstracts Service (Division of American Chemical Society)
LC50, Lethal concentration 50%
LD50, Lethal dose 50%
STEL, Short Term Exposure Limit
TWA, Time Weighted Average
UN, United Nations
n/a, Not applicable

***Disclaimer***
This SDS is prepared in accord with the Safe Work Australia document "Code of practice for the Preparation of Safety Data Sheets for Hazardous Chemicals – July 2020 (Updated July 23)". The information and recommendations contained herein are, to the best of Prolube's knowledge and belief, accurate and reliable as of the date issued. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet. You can contact Prolube to ensure that this document is the most current available from Prolube. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to ensure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users.