

## SAFETY DATA SHEET

*compiled according to Safe Work Australia and the GHS*

Revision Date: 1-Dec-21


Printed: 31-Mar-22 4:47 PM

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### 1. IDENTIFICATION

<b>Product Identifier</b>	<b>SOLVENT CLEANER</b>
<b>Product Code</b>	200
<b>Other Means of Identification</b>	Hydrocarbon Solvent
<b>Recommended Use of the Chemical and Restriction on Use</b>	Non-residual solvent / White Spirit
<b>Details of Manufacturer or Importer</b>	Lidomont Pty. Ltd., trading as Prolube Lubricants 15 Pinnacle Street, Brendale, Queensland, 4500
<b>Phone</b>	07 3881 1733 (+61 7 38811733 – International)
<b>Emergency Telephone</b>	000 (Australia Only)
<b>Poisons Information Centre Phone</b>	13 11 26

### 2. HAZARDS IDENTIFICATION

<b>Physical Hazard(s)</b>	Classified as Hazardous according to Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria. Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
<b>Health Hazard(s)</b>	Skin Irritation - Category 2 Serious eye irritation - Category 2A Carcinogenicity - Category 1A Germ Cell Mutagenicity - Category 1B Aspiration Hazard - Category 1 Flammable Liquid - Category 2 Acute toxicity – Category 4 (Inhalation) Specific target organ toxicity (single exposure) – Category 3, Specific target organ toxicity (repeated exposure) - Category 1 Reproductive toxicity - Category 2
<b>Environment Hazard(s)</b>	Hazardous to aquatic environment. Long term/Chronic - Category 2
<b>GHS Label Elements</b>	
<b>Signal Word</b>	<b>DANGER</b>

#### Hazard Statement(s)

- H225** Highly flammable liquid and vapour.
- H304** May be fatal if swallowed and enters airways.
- H315** Causes skin irritation.
- H319** Causes serious eye irritation
- H332** Harmful if inhaled
- H336** May cause drowsiness and dizziness.
- H340** May cause genetic defects
- H350** May cause cancer



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- H361** Suspected of damaging fertility or the unborn child.
- H372** May cause damage to organs through prolonged or repeated exposure.
- H411** Toxic to aquatic life with long lasting effects.

### 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 carefully and follow all instructions.

### Precautionary Statement(s): Prevention

- P201** Obtain special instructions before use.
- 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/Bond container and receiving equipment.
- P241** Use explosion-proof electrical/ventilation/lighting equipment.
- P242** Use only non-sparking tools.
- P243** Take action to prevent static discharge.
- P260** Do not breathe dust/fume/gas/mist/vapour/spray.
- P264** Wash thoroughly after handling.
- P271** Use only outdoors or in a well ventilated area.
- P280** Wear protective gloves/eye protection/face protection.
- P281** Wear personal protective equipment as required.

### Precautionary Statement(s): Response

- P302+352** If ON SKIN: Wash with plenty of soap and water
- P303+P361+P353** If ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340** If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338** If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313** If exposed or concerned: Get medical advice/attention.
- P312** Call a Poison Centre or doctor/physician if you feel unwell.
- P314** Get medical advice/attention if you feel unwell.
- P321** Specific treatment – see label.
- P332+P313** If skin irritation occurs: Get medical advice/attention.
- P337+P313** If eye irritation persists: Get medical advice/attention.
- P362+P364** Take off contaminated clothing and wash it before reuse.
- P370+P378** In case of fire use CO<sub>2</sub>, dry chemical or foam for extinction.
- P301+P310** If SWALLOWED: Immediately call a Poison Centre or doctor/physician.
- P331** Do NOT induce vomiting

### Precautionary Statement(s): Storage

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



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### 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
Solvent Naptha	64742-89-8	90 - 100%
n-hexane	110-54-3	< 10%
Ethyl benzene	100-41-4	< 10%

### 4. FIRST AID MEASURES

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

#### **Inhalation**

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

#### **Skin contact**

If skin or hair contact occurs, remove any contaminated clothing and wash skin and hair thoroughly with running water. If irritation occurs seek medical assistance.

#### **Eye contact**

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

#### **Ingestion**

Do not induce vomiting. Rinse mouth with water. Do not give anything to an unconscious person. Seek medical assistance as soon as possible.

#### **Advice to Doctor**

Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

#### **Suitable extinguishing equipment**

Water spray, foam, dry agent (carbon dioxide, dry chemical powder) – Do not use water in a jet.

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

On burning will emit toxic fumes, oxides of carbon and smoke. Vapour is heavier than air and may ignite at distance.

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

Keep containers cool with water spray. Fire fighters should wear self-contained breathing apparatus and suitable protective clothing.



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Hazchem code 3YE.

Flash Point < 0°C

### 6. ACCIDENTAL RELEASE MEASURES

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

Shut off all possible sources of ignition, increase ventilation.

Wear protective equipment to prevent skin and eye contact. Avoid breathing in vapours.

Evacuate unprotected personnel from the danger area.

Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Use spark free implements.

#### **Environmental precautions**

In the event of a major spill, prevent spillage from entering drains or water courses. If contamination of sewers or waterways has occurred advise local emergency services.

#### **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.

Allow any residues to evaporate.

### 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**

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia -  
n-Hexane: 72 mg/m<sup>3</sup> (20ppm) TWA (8hr) (Technical Hexane 300 mg/m<sup>3</sup> TWA (8hr))

Solvent Naptha: 450 mg/m<sup>3</sup> TWA (8hr)



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### 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:** Safety glasses with side shields, goggles or face 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. An organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716 should be used for this material.

**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

<b>Appearance: Form</b>	Liquid
<b>Colour</b>	Clear, colourless
<b>Odour</b>	Hydrocarbon solvent, sweet paraffinic
<b>Odour Threshold</b>	Not determined
<b>pH-Value</b>	Not determined
<b>Melting point/Melting range</b>	Typical -95°C
<b>Initial Boiling Point/Boiling Range</b>	50-135 °C
<b>Flash Point</b>	-35 °C (Abel)
<b>Flammability</b>	Highly flammable
<b>Upper/lower flammability or explosive limits (%)</b>	7.5 / 1.0
<b>Auto-ignition Temperature</b>	>200 °C
<b>Decomposition Temperature</b>	No information available
<b>Relative Density at 15 °C</b>	0.67 – 0.76
<b>Vapour Density</b>	>1
<b>Vapour Pressure at 20 °C</b>	34.5 kPa
<b>Evaporation Rate</b>	100% volatile components
<b>Solubility in Water</b>	Immiscible with water

## 10. STABILITY AND REACTIVITY

**Reactivity:** Reacts with strong oxidising agents.

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

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.



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**Conditions to avoid:** Excessive heat. Open flames. All sources of ignition. Direct sunlight.

**Incompatible materials:** Strong oxidisers.

**Hazardous decomposition products:** Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity: LD50/LC50 values relevant</b>	
<i>Oral LD 50</i>	Expected to be of low toxicity - LD50 Oral (rat) > 2000mg/kg
<i>Dermal LD50</i>	Not available
<i>Inhalation LC50</i>	Not available
<b>Acute Health Effects</b>	
<i>Inhalation</i>	Material may be irritant to the mucous membranes of the respiratory tract (airways). Breathing in vapour can result in headaches, dizziness, drowsiness, decreased blood pressure, changes in heart rate and cyanosis may result from over exposure to vapour. Prolonged inhalation may be harmful.
<i>Skin</i>	Contact with skin will result in irritation. May be a skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
<i>Eye</i>	Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
<i>Ingestion</i>	May be harmful or fatal if swallowed. May cause severe and permanent damage to mouth, throat and stomach.
<b>Skin Corrosion / Irritation</b>	Based on classification principles, the classification criteria are not met
<b>Serious Eye Damage / Irritation</b>	Causes serious eye irritation.
<b>Respiratory or Skin Sensitisation</b>	Based on classification principles, the classification criteria are not met
<b>Germ Cell Mutagenicity</b>	Based on classification principles, the classification criteria are not met
<b>Carcinogenicity</b>	Based on classification principles, the classification criteria are not met
<b>Reproductive Toxicity</b>	Causes foetal toxicity in animals at doses which are maternally toxic. Affects reproductive system in animals at doses which produces other toxic effects (n-Hexane).
<b>Specific Target Organ Toxicity (STOT) -</b>	
<i>Single Exposure</i>	High concentrations may cause central nervous system depression.
<i>Repeated Exposure</i>	Central nervous system: repeated exposure affects the nervous system.
<b>Aspiration Hazard</b>	Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
<b>Chronic Health Effects</b>	Repeated or prolonged skin contact may cause dryness, de-fatting of skin and dermatitis.
<b>Existing Conditions Aggravated by Exposure</b>	No information available

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Avoid contaminating waterways. May be harmful to aquatic organisms. May cause long term effects in the aquatic environment.



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**Persistence and degradability:**

Readily biodegradable. Oxidises by photo-chemical reactions in air.

**Bioaccumulative Potential:**

Has potential for bioaccumulation.

**Mobility in soil:**

Floats on water and absorbs into soil.

### 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.

### 14. TRANSPORT INFORMATION

	Australian Dangerous Goods (ADG)	International Maritime Dangerous Goods (IMDG)	International Air Transport Association (IATA)
<b>UN Number</b>	1268	1268	1268
<b>UN Proper Shipping Name</b>	Petroleum Distillates, N.O.S (Solvent Naptha)	Petroleum Distillates, N.O.S (Solvent Naptha)	Petroleum Distillates, N.O.S (Solvent Naptha)
<b>Dangerous Goods Class</b>	3	3	3
<b>Packing Group</b>	II	II	II
<b>Hazchem Code</b>	3YE		

**Special precautions for user**

None Available

### 15. REGULATORY INFORMATION

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

S5

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

All components are listed or exempt



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**Classified as hazardous according to criteria of NOHSC**

Harmful, Irritant, Highly Flammable, Dangerous for the environment

### 16. OTHER INFORMATION

Prepared by Lidomont Pty Ltd, 15 Pinnacle St Brendale QLD

#### **Revision information**

**Previous Versions:** 8-Dec-16

Date and Changes: Updated and Revised 01-Dec-21

#### **Abbreviations Used**

GHS, Globally Harmonised 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. The information and recommendations contained herein are, to the best of Bimrose'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 Bimrose to ensure that this document is the most current available from Bimrose. 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.