



## SAFETY DATA SHEET

*compiled according to Safe Work Australia and the GHS*

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Page 1 of 7

### 1. IDENTIFICATION

<b>Product Identifier</b>	<b>PROSTOP DOT 3</b>
<b>Product Code</b>	1421
<b>Other Means of Identification</b>	Polyglycol Brake Fluid
<b>Recommended Use of the Chemical and Restriction on Use</b>	Disc brake and clutch fluid
<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>	<b>Classified as Hazardous</b> according to Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria. <b>Not Classified as Dangerous Goods</b> according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
<b>Health Hazard(s)</b>	Serious Eye Damage/Irritation - Category 2A Reproductive Toxicity - Category 2
<b>Environment Hazard(s)</b>	Not Classified
<b>GHS Label Elements</b>	
<b>Signal Word</b>	WARNING

#### Hazard Statement(s)

- H319** Causes serious eye irritation
- H361** Suspected of damaging fertility or the unborn child.

#### 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.
- P264** Wash contaminated skin thoroughly after handling.
- P280** Wear protective gloves/protective clothing/eye protection/face protection.



## SAFETY DATA SHEET

compiled according to Safe Work Australia and the GHS

Page 2 of 7

Product Identifier: PROSTOP DOT 3

### Precautionary Statement(s): Response

- 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.
- P337+P313** If eye irritation persists: Get medical advice/attention.

### Precautionary Statement(s): Storage

- 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
Tris[2-[2-(2-methoxyethoxy)ethoxy]ethyl] orthoborate	30989-05-0	>60%
triethylene glycol monobutyl ether butoxytriethylene glycol	143-22-6	5-10%
Ingredients classified as non- hazardous at the concentrations used according to the criteria of Safe Work Australia		to 100%

## 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 from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. 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

Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

### Eye contact

Flush thoroughly with water. If irritation occurs, get medical assistance.

### Ingestion

Do NOT induce vomiting. First aid is normally not required. Seek medical attention if discomfort occurs.



## SAFETY DATA SHEET

compiled according to Safe Work Australia and the GHS

Page 3 of 7

Product Identifier: PROSTOP DOT 3

### 5. FIRE FIGHTING MEASURES

#### ***Suitable extinguishing equipment***

In case of fire use water fog, foam, dry chemical, foam or carbon dioxide fire extinguisher.

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

Combustion products may be toxic and irritating. 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***

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***

No special requirements are necessary under normal conditions. Use safe work processes to avoid eye or skin contact and inhalation of vapours. Use only in well ventilated areas.

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.



## SAFETY DATA SHEET

compiled according to Safe Work Australia and the GHS

Page 4 of 7

Product Identifier: PROSTOP DOT 3

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### **Exposure control measures**

None established

#### **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**

This product is expected to be used for cleaning the skin and should not cause any issues under normal use. If any irritation occurs cease usage and seek medical advice.

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

<b>Appearance: Form</b>	Liquid
<b>Colour</b>	Amber
<b>Odour</b>	Characteristic
<b>Odour Threshold</b>	Not determined
<b>pH-Value</b>	9.7
<b>Melting point/Melting range</b>	Not determined
<b>Initial Boiling Point/Boiling Range</b>	> 230 °C
<b>Flash Point</b>	141 °C
<b>Flammability</b>	Non flammable
<b>Auto-ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	No information available
<b>Explosion Limits: Lower</b>	Not determined
<b>Upper</b>	Not determined

## SAFETY DATA SHEET

*compiled according to Safe Work Australia and the GHS*

Page 5 of 7

**Product Identifier: PROSTOP DOT 3**

<b>Vapour Pressure at 20 °C</b>	Not applicable
<b>Relative Density at 15 °C</b>	1.074
<b>Vapour Density</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Solubility in Water</b>	Miscible with water
<b>Viscosity at 40 °C</b>	Not determined
<b>Viscosity at 100 °C</b>	Not determined

### 10. STABILITY AND REACTIVITY

**Reactivity:** Will not occur.

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

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

**Conditions to avoid:** Excessive heat. High energy sources of ignition.

**Incompatible materials:** Strong oxidisers.

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

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity: LD50/LC50 values relevant</b>	
<i>Oral LD 50</i>	Not available
<i>Dermal LD50</i>	Not available
<i>Inhalation LC50</i>	Not available
<b>Acute Health Effects</b>	
<i>Inhalation</i>	Minimally Toxic. Based on assessment of the components.
<i>Skin</i>	Should not cause problems under normal conditions of use. May have a defatting effect. Seek medical advice if allergic reactions develop.
<i>Eye</i>	Will cause irritation and reddening.
<i>Ingestion</i>	Minimally Toxic. Based on assessment of the components.
<b>Skin Corrosion / Irritation</b>	Based on classification principles, the classification criteria are not met
<b>Serious Eye Damage / Irritation</b>	Based on classification principles, the classification criteria are not met
<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>	Based on classification principles, the classification criteria are not met
<b>Specific Target Organ Toxicity (STOT) -</b>	
<i>Single Exposure</i>	Based on classification principles, the classification criteria are not met
<i>Repeated Exposure</i>	Based on classification principles, the classification criteria are not met
<b>Aspiration Hazard</b>	Based on classification principles, the classification criteria are not met
<b>Chronic Health Effects</b>	Dermatitis may occur from chronic and prolonged skin exposure. Contains materials which may cause damage to kidneys and liver.
<b>Existing Conditions Aggravated by Exposure</b>	No information available



## SAFETY DATA SHEET

compiled according to Safe Work Australia and the GHS

Page 6 of 7

Product Identifier: PROSTOP DOT 3

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data is available for this product. Not expected to be harmful to aquatic organisms.

**Persistence and degradability:** Is expected to be inherently biodegradable.

**Bioaccumulative Potential:** Limited potential for bioaccumulation.

**Mobility in soil:** Expected to migrate with water to land.

### 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)
<b>UN Number</b>	Not regulated	Not regulated	Not regulated
<b>UN Proper Shipping Name</b>	n/a	n/a	n/a
<b>Dangerous Goods Class</b>	n/a	n/a	n/a
<b>Packing Group</b>	n/a	n/a	n/a

**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



## SAFETY DATA SHEET

compiled according to Safe Work Australia and the GHS

Page 7 of 7

Product Identifier: PROSTOP DOT 3

### 16. OTHER INFORMATION

Prepared by Lidomont Pty Ltd, 15 Pinnacle St Brendale QLD

#### **Revision information**

**Previous Versions:** 13-Sep-16

Date and Changes: Updated and Revised 02-Aug-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 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 insure 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 insure 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.