

# Material Safety Data Sheet

CS: 1.4.22

Page: 1 of 4

Infosafe No™ LPXL0	Issue Date :September 2008	ISSUED by PENRITEO	CS: 1.4.22
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Product Name : **RUBBER GREASE**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	RUBBER GREASE
Product Code	RUBGR
Company Name	PENRITE OIL COMPANY P/L (ABN 25005 001 525)
Address	88 Lewis Road Wantirna South Victoria 3152 Australia
Emergency Tel.	03 9801 0877 B.H
Telephone/Fax Number	Tel: 03 9801 0877
Recommended Use	Special purpose clay thickened grease for rubber contact applications.

## 2. HAZARDS IDENTIFICATION

Hazard Classification	NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Castor Oil	8001-79-4	>60 %
	Ingredients determined not to be hazardous.		Balance

## 4. FIRST AID MEASURES

Inhalation	If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.
Ingestion	Carefully induce vomiting, taking care to ensure the person does not aspirate into the lungs. If symptoms develop seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention. Injection of grease under the skin may result in serious injury. Seek medical attention at once.
Eye	If in eyes, hold eyelids apart and flush the eyes immediately with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide, dry chemical or foam.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes including oxides of nitrogen, sulphur, carbon monoxide and carbon dioxide.
Specific Hazards	Combustible material. This product will burn if exposed to fire. Heating under fire conditions may result in the violent rupture of product containers.
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Spillage may be slippery. Place inert,
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# Material Safety Data Sheet

CS: 1.4.22

Page: 2 of 4

Infosafe No™ LPXL0	Issue Date :September 2008	ISSUED by PENRITEO	CS: 1.4.22
--------------------	----------------------------	--------------------	------------

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non-combustible absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for the subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.
<b>Conditions for Safe Storage</b>	Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m <sup>3</sup> . As with all chemicals, exposure should be kept to the lowest possible levels. TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
<b>Biological Limit Values</b>	No biological limit allocated.
<b>Engineering Controls</b>	Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.
<b>Respiratory Protection</b>	If mists or vapours are generated and ventilation is inadequate, particularly in enclosed areas then an approved respirator with a replaceable organic vapour/mist filter is recommended. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
<b>Eye Protection</b>	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material such as nitrile. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Smooth red grease
<b>Odour</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	>316°C
<b>Solubility in Water</b>	Insoluble

# Material Safety Data Sheet

CS: 1.4.22

Page: 3 of 4

Infosafe No™ LPXL0	Issue Date :September 2008	ISSUED by PENRITEO	CS: 1.4.22
--------------------	----------------------------	--------------------	------------

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<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	Not available
<b>Viscosity</b>	315.0cSt at 40°C
<b>Dropping Point</b>	275
<b>Density</b>	0.9g/mL at 15°C
<b>Flash Point</b>	>200°C
<b>Flammability</b>	Combustible material
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not available
<b>Flammable Limits - Upper</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Heat, direct sunlight, open flames or other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidisers.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including oxides of sulphur, carbon monoxide, carbon dioxide and oxides of nitrogen.
<b>Hazardous Polymerization</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	Toxicological information for this product is as follows: LD50 (Rat, Oral): >2000mg/kg LD50 (Rabbit, Dermal): >2000mg/kg
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	May cause redness, itching and irritation. Injection of grease under the skin may result in serious injury.
<b>Eye</b>	May cause eye irritation, tearing, stinging, blurred vision, and redness.
<b>Chronic Effects</b>	Repeated or prolonged skin contact may lead to dermatitic effects.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available
<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Environ. Protection</b>	Do not allow product to enter drains, waterways or sewers.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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## 14. TRANSPORT INFORMATION

<b>Transport Information</b>	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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# Material Safety Data Sheet

CS: 1.4.22

Page: 4 of 4

Infosafe No™ LPXL0	Issue Date :September 2008	ISSUED by PENRITEO	CS: 1.4.22
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## 15. REGULATORY INFORMATION

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<b>Regulatory Information</b>	Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
	Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
<b>Poisons Schedule</b>	Not Scheduled

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS**      Date created: September2008

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