

Material Safety Data Sheet

CS: 1.4.22

Page: 1 of 4

Infosafe No™ LPXL6 Issue Date :September 2008 ISSUED by PENRITEO CS: 1.4.22

Product Name : **MANUAL GEAR OIL 75**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name MANUAL GEAR OIL 75
Product Code MGO7580
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 Manual transmission oil

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Base Oil - Unspecified Ingredients determined not to be hazardous.		60-100 % Balance
Other Information	Note: Ingredients that have been assigned Note L of the Worksafe designated List of Hazardous Substances, have been tested in accordance with IP 346. This product contains less than 3% polyaromatics and is therefore non hazardous.		

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 Do NOT induce vomiting. Wash out mouth with water. Seek immediate 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.
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, foam and water fog.
Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including aldehydes, oxides of sulphur and nitrogen, phosphates, 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

Material Safety Data Sheet

CS: 1.4.22

Page: 2 of 4

Infosafe No™ LPXL6 Issue Date :September 2008 ISSUED by PENRITEO

CS: 1.4.22

Product Name : **MANUAL GEAR OIL 75**

to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert, 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

Precautions for Safe Handling	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 in order. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.
Conditions for Safe Storage	Store in a cool, dry well-ventilated area away from heat, sources of ignition, incompatible materials, 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.
Storage Regulations	Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling, in accordance with the requirements of AS1940.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	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 ³ . 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.
Biological Limit Values	No biological limit allocated.
Engineering Controls	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.
Respiratory Protection	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. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. 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.
Eye Protection	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material such as nitrile. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Material Safety Data Sheet

CS: 1.4.22

Page: 3 of 4

Infosafe No™ LPXL6	Issue Date :September 2008	ISSUED by PENRITEO	CS: 1.4.22
--------------------	----------------------------	--------------------	------------

Product Name : **MANUAL GEAR OIL 75**

Body Protection 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

Appearance Liquid
Odour Not available
Melting Point Not available
Boiling Point Not available
Solubility in Water Insoluble
pH Value Not applicable
Pour Point -48°C
Density 0.862 at 15°C
Flash Point 200°C
Flammability Combustible liquid.
Auto-Ignition Temperature Not available
Flammable Limits - Lower Not available
Flammable Limits - Upper Not available

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Toxicology Information LD50 (Oral, rat) : > 2000 mg/kg
 LD50 (Dermal, rabbit) : > 2000 mg/kg
 LC50 (Inhalation, rat) : > 5000 mg/m3
Inhalation Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin Contact with skin may cause redness, itching and irritation.
Eye May cause eye irritation, tearing, stinging, blurred vision, and redness.
Chronic Effects Repeated or prolonged skin contact may lead to dermatitic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity No data is available for this material. However, oil spills can smother and suffocate aquatic life by preventing passage of oxygen into water. Oil contamination can also foul and smother birds and marine animals.
Persistence / Degradability Not available
Mobility Low solubility. Expected to float.
Environ. Protection Do not allow product to enter drains, waterways or sewers.

Material Safety Data Sheet

CS: 1.4.22

Page: 4 of 4

Infosafe No™ LPXL6 Issue Date :September 2008 ISSUED by PENRITEO CS: 1.4.22

Product Name : **MANUAL GEAR OIL 75**

13. DISPOSAL CONSIDERATIONS

Disposal Considerations The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Regulatory Information 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).

Poisons Schedule Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of MSDS Date prepared: September2008

...End Of MSDS...

© Copyright ACOHS Pty Ltd
Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed on this site is the intellectual property of Acohs Pty Ltd.
Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed on this site is the intellectual property of Acohs Pty Ltd.
The compilation of MSDS's displayed on this site is the intellectual property of Acohs Pty Ltd.
Copying of any MSDS displayed on this site is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed on this site cannot be