

# Material Safety Data Sheet

CS: 1.4.93

Page: 1 of 4

Infosafe No™ LPZDQ Issue Date : September 2010 ISSUED by INTERLUB

Product Name **SYNTHETIC COMPRESSOR OILS 4506**

Classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SYNTHETIC COMPRESSOR OILS 4506  
**Company Name** International Lubricant Distributors Pty. Ltd. (ABN 79 139 276 887)  
**Address** Suite 28 Level 3, 22 Railway Rd Subiaco  
WA 6904 Australia  
**Emergency Tel.** 1300 558 939  
**Telephone/Fax Number** Fax: +61 8 9381 1788  
**Recommended Use** Used in air compressors for lubricating, cooling, air proofing etc.  
**Other Information** Waitomo Lubricants Limited (GST 104255744)  
15 Ellis Street, Frankton, Hamilton  
PO Box 5125, Hamilton 3242  
Emergency Tel. 07 847 0829 (24 Hrs)  
Tel. 07 847 0829  
Fax. 07 846 0032

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Classified as hazardous  
HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

**Risk Phrase(s)** Classified as hazardous  
R45(2) May cause cancer.

**Safety Phrase(s)** S16 Keep away from sources of ignition - No smoking.  
S2 Keep out of reach of children.  
S23 Do not breathe gas/fumes/vapour/spray  
S24/25 Avoid contact with skin and eyes.  
S53 Avoid exposure - obtain special instructions before use.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Base Oil - Unspecified		>95-100 %
	Additives		0-<5 %

## 4. FIRST AID MEASURES

**Inhalation** If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

**Ingestion** Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

**Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

**First Aid Facilities** Eyewash and normal washroom facilities

**Advice to Doctor** Treat symptomatically.

**Other Information** For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use carbon dioxide, dry chemical, foam, water fog or water mist.

# Material Safety Data Sheet

CS: 1.4.93

Page: 2 of 4

Infosafe No™ LPZDQ	Issue Date : September 2010	ISSUED by INTERLUB
--------------------	-----------------------------	--------------------

Product Name **SYNTHETIC COMPRESSOR OILS 4506**

Classified as hazardous

---

**Hazards from Combustion Products** Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.

**Specific Hazards** Combustible liquid (C2). This product will readily burn under fire conditions.

**Precautions in connection with Fire** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

**Unsuitable Extinguishing Media** Do not use water jet.

---

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Wear appropriate personal protective equipment and clothing to prevent 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. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for 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 only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for Safe Storage** Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. 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 applicable local and national regulations.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia. However, the available exposure limits for ingredients are listed below:

National Occupational Health And Safety Commission (NOHSC), Australia Exposure Standards:

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Oil mist	-	5	-	-

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.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

week.

**Biological Limit Values** No biological limits allocated.

**Engineering Controls** Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

---

# Material Safety Data Sheet

CS: 1.4.93

Page: 3 of 4

Infosafe No™ LPZDQ	Issue Date : September 2010	ISSUED by INTERLUB
--------------------	-----------------------------	--------------------

Product Name **SYNTHETIC COMPRESSOR OILS 4506**

Classified as hazardous

<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
<b>Eye Protection</b>	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material. 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.
<b>Body Protection</b>	Suitable protective workwear, e.g. impervious overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, light yellow liquid
<b>Odour</b>	No characteristic odour
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	Not available
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Viscosity</b>	Not available
<b>Flash Point</b>	>240°C (COC)
<b>Flammability</b>	Combustible liquid (Class C2)
<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 and other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidising agents
<b>Hazardous Decomposition Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	Acute toxicity data (Based on testing of similar products and/or the components) : LD50 (Oral, Rat): >5000 mg/kg LC50 (Inhalation, Rat): >10,000 mg/m <sup>3</sup>
-------------------------------	--

# Material Safety Data Sheet

CS: 1.4.93

Page: 4 of 4

Infosafe No™ LPZDQ Issue Date : September 2010 ISSUED by INTERLUB

Product Name **SYNTHETIC COMPRESSOR OILS 4506**

Classified as hazardous

<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 be irritating to skin. The symptoms may include redness, itching and swelling.
<b>Eye</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Chronic Effects</b>	Prolonged or repeated skin contact may cause defatting leading to dermatitis. Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches.
<b>Carcinogenicity</b>	This substance is classified as a Category 2 Carcinogen according to National Occupational Health and Safety Commission (NOHSC). That is, there is sufficient evidence, on the basis of appropriate long term animal studies or other relevant information, to provide a strong presumption that human exposure to this substance may result in the development of cancer. Category 2 Carcinogens are substances that should be regarded as if they are carcinogenic to humans.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	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.
<b>Persistence / Degradability</b>	Expected to be inherently biodegradable.
<b>Mobility</b>	Adsorption to sediment and soil expected. Very insoluble in water.
<b>Bioaccumulative Potential</b>	Bioaccumulation unlikely due to very low water solubility.
<b>Environ. Protection</b>	Do not discharge this material into waterways, drains and 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.
--------------------------------	--

## 14. TRANSPORT INFORMATION

<b>Transport Information</b>	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
------------------------------	---

## 15. REGULATORY INFORMATION

<b>Regulatory Information</b>	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
<b>Hazard Category</b>	Toxic

## 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** MSDS created: September 2010

...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 is the intellectual property of Acohs Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.