

# Material Safety Data Sheet

CS: 1.5.32

Page: 1 of 5

Infosafe No™ LQ08Y Issue Date : July 2011 ISSUED by INTERLUB

Product Name : DAH AIR COMPRESSOR OIL No.68

Not classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** DAH AIR COMPRESSOR OIL No.68  
**Company Name** International Lubricant Distributors Pty. Ltd. (ABN 79 139 276 887)  
**Address** 501 Great Eastern Highway Redcliffe  
WA 6104 Australia  
**Emergency Tel.** 1300 558 939  
**Telephone/Fax Number** Fax: +61 8 9381 1788  
**Recommended Use** Lubricating oil for air compressors.  
**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** Not classified as hazardous  
Australia:  
Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).  
New Zealand:  
Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.  
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.  
**Safety Phrase(s)** S23(4) Do not breathe vapour.  
S24/25 Avoid contact with skin and eyes.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
	Base Oils	Mixture	80-100 %		
	Additives	Proprietary	<20 %		

## 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. 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 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.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use carbon dioxide, dry chemical, water fog or foam.  
**Hazards from Combustion Products** Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide, oxides of sulphur, aldehydes and other decomposition products, in the case of incomplete combustion.

# Material Safety Data Sheet

CS: 1.5.32

Page: 2 of 5

Infosafe No™ LQ08Y Issue Date : July 2011 ISSUED by INTERLUB

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**Specific Hazards** Combustible liquid. 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. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

**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. Remove with vacuum truck or pump to storage/salvage vessels. Alternatively place inert absorbent, non-combustible material onto spillage. Wash surfaces well with detergent and water. 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 and waste management authorities 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.

**Storage Regulations** Australia:  
COMBUSTIBLE LIQUID - CLASS C2, Flashpoint >150°C.  
Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940-2004 The storage and handling of flammable and combustible liquids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No exposure standards have been established for this material. As with all chemicals, exposure should be kept to the lowest possible levels. The exposure limits for oil mist are as follows:  
Australian National Occupational Health And Safety Commission (NOHSC) exposure standards:  
Oil mist TWA 5 mg/m<sup>3</sup>  
New Zealand Workplace Exposure Standards (OSH):  
Oil mist TWA 5 mg/m<sup>3</sup> STEL 10 mg/m<sup>3</sup>  
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.

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

# Material Safety Data Sheet

CS: 1.5.32

Page: 3 of 5

Infosafe No™ LQ08Y

Issue Date : July 2011

ISSUED by INTERLUB

Product Name : **DAH AIR COMPRESSOR OIL No.68**

Not classified as hazardous

<b>Engineering Controls</b>	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 flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:1997 : Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements.
<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 goggles 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.
<b>Hand Protection</b>	Wear oil resistant gloves. 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 clothing should be worn e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Transparent, brown liquid.
<b>Odour</b>	Characteristic mineral oil odour.
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Negligible
<b>Specific Gravity</b>	Not available
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Viscosity</b>	Not available
<b>Flash Point</b>	>210°C (Cleveland Open Cup)
<b>Flammability</b>	Combustible
<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, open flames and other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidising agents and strong acids.

# Material Safety Data Sheet

CS: 1.5.32

Page: 4 of 5

Infosafe No™ LQ08Y	Issue Date : July 2011	ISSUED by INTERLUB
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Product Name : **DAH AIR COMPRESSOR OIL No.68**

Not classified as hazardous

<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide, oxides of sulphur and aldehydes.
<b>Hazardous Reactions</b>	May react with incompatibles.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	Toxicity data for the product listed below.
<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 as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty in breathing.
<b>Acute Toxicity - Oral</b>	Acute toxicity data for this product: LD50 (Oral, Rat): >5,000 mg/kg (data based on similar products)
<b>Acute Toxicity - Inhalation</b>	Acute toxicity data for this product: LC50 (Inhalation, Rat): >10,000 mg/m <sup>3</sup> (data based on similar products)

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No ecological data are available for this material.
<b>Persistence / Degradability</b>	This product is expected to be inherently biodegradable.
<b>Mobility</b>	When released into the environment, adsorption to sediment and soil will be the predominant behaviour.
<b>Bioaccumulative Potential</b>	Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal.
<b>Environ. Protection</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. Do not discharge this material into waterways, drains and sewers.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	<b>Product Disposal:</b> This product can be disposed through a licensed commercial waste collection service, in accordance with applicable local and national regulations. The product is non-hazardous and therefore the New Zealand HSNO regulations regarding disposal do not apply, however other regulations may be applicable. Do not discharge into drains, sewers, waterways or soil. Product may be suitable for burning in an enclosed, controlled burner for fuel value. Therefore it may be sent to an approved high temperature incineration plant for disposal. <b>Container Disposal:</b> The product is non-hazardous, therefore, the packaging may be re-used or recycled if it has been treated to remove any residual contents of the substance. Any wash-off water from the container cleaning process should not be discharged into sewers, drains, waterways or soil without pre-treatment. In New Zealand, the packaging (that may or may not contain any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of
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# Material Safety Data Sheet

CS: 1.5.32

Page: 5 of 5

Infosafe No™ LQ08Y Issue Date : July 2011 ISSUED by INTERLUB

Product Name : **DAH AIR COMPRESSOR OIL No.68**

Not classified as hazardous

compliance with regulations.

## 14. TRANSPORT INFORMATION

**Transport Information** Australia:  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition).  
New Zealand:  
Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.

## 15. REGULATORY INFORMATION

**Regulatory Information** Australia:  
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 Medicines and Poisons (SUSMP).  
**Poisons Schedule** Not Scheduled  
**National and or International Regulatory Information** New Zealand:  
Not classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

## 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** MSDS Created: July 2011  
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