

Infosafe No™ LQ07L	Issue Date : June 2011	ISSUED by INTERLUB
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Product Name **E6 10W-40 DIESEL ENGINE OIL**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name E6 10W-40 DIESEL ENGINE OIL

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 10W-40 diesel engine oil is used in the specified equipment for lubricating and cooling.

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 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.
S25 Avoid contact with eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Base Oils	Mixture	70-100 %
	Additives	Proprietary	<30 %

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 wash out immediately with water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.

First Aid Facilities Eyewash and normal washroom facilities

Advice to Doctor Treat symptomatically.

Other Information For advice, contact a Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

5. FIRE FIGHTING MEASURES

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

Hazards from Combustion Products Hazardous combustion products may include carbon monoxide, oxides of sulphur, and unidentified organic and inorganic compounds.

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.

Unsuitable Extinguishing Media Do not use water jet.

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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. Do not use at temperatures exceeding 176°C. 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, strong oxidising agents, strong acids, foodstuffs, and clothing. Keep containers at temperatures between 0 and 50°C, 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/m³

New Zealand Workplace Exposure Standards (OSH):

Oil mist TWA 5 mg/m³ STEL 10 mg/m³

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.

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 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.

Respiratory Protection 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

Eye Protection 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

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to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection 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.

Body Protection 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

Appearance Transparent, brown liquid.

Odour Characteristic mineral oil odour.

Melting Point Not available

Boiling Point Not available

Solubility in Water Negligible

Specific Gravity Not available

pH Value Not available

Vapour Pressure Not available

Vapour Density (Air=1) >1

Evaporation Rate <1 (n-Butyl acetate=1)

Viscosity Not available

Flash Point >200°C (COC)

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, open flames and other sources of ignition.

Incompatible Materials Strong oxidising agents and strong acids.

Hazardous Decomposition Products Thermal decomposition products include toxic and/or irritating fumes and gases including oxides of carbon, oxides of sulphur, and inorganic and organic compounds.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information Acute toxicity data for this product:
LD50 (Oral, Rat): >5,000 mg/kg (data based on similar products)
LC50 (Inhalation, Rat): >10,000 mg/m3 (data based on similar products)
NOTE:
Used engine oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they present risks to health and the environment on disposal. All used oils should be handled with caution, and skin and eye contact should be avoided.

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 May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye May be irritating to eyes. The symptoms may include redness, itching and tearing.

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Chronic Effects 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.

12. ECOLOGICAL INFORMATION

Ecotoxicity No ecological data are available for this material.

Persistence / Degradability Not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.

Mobility Floats on water. It is absorbed by soil and will not be mobile.

Bioaccumulative Potential Has the potential to bioaccumulate.

Environ. Protection 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

Disposal Considerations Product Disposal:
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.
Container Disposal:
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 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.
All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempted.

AICS (Australia) All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: June 2011

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