



LOGCO PRODUCTS.

Safety Data Sheet

eco-lease MO2

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1. PRODUCT INFORMATION

Product Name eco-lease MO2
Application Mould release oil
Company Leeds Oil & Grease Co. Ltd.
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2. COMPOSITION/INFORMATION OF THE COMPONENTS

Composition

Substance Name	Values (%)	Cas No.	EC No	EC Index	Symbols	R Phrases
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, <0.03% aromatics	40 - 70%		934-956-3		Xn	R65
D-Limonene	0.0 - 1.0%	5989-27-5	227-813-5		Xi; N:	R10, R38, R43, R50/53

Full text of R Statements: see section 16

3. HAZARDS

Main Hazards May cause irritation of respiratory tract
Irritating to skin. Can cause redness
Harmful: May cause lung damage if swallowed

Environmental Properties Non-Toxic to aquatic organisms

4. FIRST AID MEASURES

Skin contact Wash contaminated skin with soap and water.
Obtain medical attention if any discomfort continues.
Eye contact Rinse immediately with water, also under the eyelids, for at least 15 minutes.
Ingestion Do not induce vomiting.
Rinse mouth and drink plenty of water.
Inhalation Remove from source of exposure.
Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

Fire Hazard Flammable (Flash point 133C)
Extinguishing Media Use carbon dioxide, foam, water fog or dry powder.
Not to be used Direct water jet. (Use water only to keep fire exposed containers cool.)
Protective equipment for fire fighting Wear self-contained breathing apparatus.
Other Information Heat from a fire could possibly result in drums bursting. Vapour may travel long distances to source of ignition.
Toxic gases/vapours/fumes of carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personnel precautions	Eliminate all sources of ignition. Wear appropriate protective clothing. Ensure adequate ventilation
Environmental precautions	Do not flush into surface water or sanitary sewer systems.
Methods for spillages	Remove all sources of ignition. Dispose of in accordance with local regulations. After cleaning flush away traces with water. If spillage enters drains call Environmental Agency Emergency on 0800 807060.

7. HANDLING & STORAGE

Handling	Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices. Avoid contact with eyes, skin and clothing. Avoid inhaling vapour. Well ventilated areas preferred.
Storage	Store away from sources of strong heat sparks, open flames and strong oxidising chemicals. Avoid direct sunlight. External tanks or stillage should be banded.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Personal protective equipment

Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment with A filter.
Hand Protection	Wear suitable impervious gloves. (Butyl / Nitrile)
Eye Protection	Wear suitable Safety Glasses or Goggles.
Protection and Hygiene	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product, Remove and wash contaminated clothing before re-use. Eye wash bottle with pure water. Use barrier creams to prevent skin contact.
Engineering Measures	Ensure good ventilation
Component WEL (mg/m ³)	Distillate (Petroleum), Hydrotreated Light: Kerosene -Unspecified (265-149-8) 1000

9. PHYSICAL & CHEMICAL PROPERTIES: typical data

Appearance at 20°C	Mobile Liquid
Odour	Sight paraffinic
Boiling point range °C	250-330
Density at 15.6°C	0.850
Viscosity at 40°C	9.1 centiStokes
Flash Point (Abel)	133°C
Benzene Content % m/m	<0.1%
Solubility in water	Insoluble in water
Solubility	Soluble in non-polar solvents.

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions of use.
Hazardous decomposition products	Combustion will generate: Carbon monoxide and carbon dioxide.
Incompatible materials	Oxidising agents.
Conditions to avoid	Heat, flames and sparks.

11. TOXICOLOGICAL INFORMATION

Inhalation	May cause irritation of respiratory tract Inhalation of high vapour concentrations may produce anaesthetic or narcotic effects.
Skin contact	Irritating to skin, Redness.
Eye contact	Liquid and vapour can cause eye irritation.
Ingestion	Smallest quantities reaching the respiratory system through swallowing or subsequent vomiting may cause irritation. Seek medical advice.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	The product components are not classified as environmentally hazardous.
Mobility in soil	Some components may penetrate the soil causing ground water contamination.
Bio accumulation	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
Persistence and degradability	The product is biodegradable.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.

13. DISPOSAL CONSIDERATIONS


Product Disposal	Ensure conformance with local and national regulations.
Container Disposal	Labels should not be removed from containers until they have been cleaned. Ensure conformance with local and national regulations.
Specific Advice	Supplied material should be considered as Special Waste and Disposal should conform to the relevant Regulations.

4. TRANSPORT INFORMATION

Hazardous for Transport	None
Proper shipping name	N/A
UN-No.	Not classified according to the United Nation
Class	N/A
Packaging group	N/A
Special precautions for user	N/A
Environmental hazards	Not classified as a marine pollutant
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.	N/A

15. REGULATORY INFORMATION

Label Requirements	The product is classified as not dangerous in accordance with Directive 67/548/EEC
Contains	Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, <0.03% aromatics

Symbols	 Xn
Risk Phases:	<p>Irritating to Respiratory system Repeated exposure may cause skin dryness or cracking Vapours may cause drowsiness and dizziness Harmful: May cause lung damage if swallowed</p>

16. OTHER INFORMATION	
<p>http://ecb.jrc.it Classification and labelling of petroleum substances according to EU dangerous substances directive (CONCAWE recommendations – June 2011)</p> <p>This information is, to the best of Leeds Oil & Grease Co. Ltd.'s knowledge, correct and is intended to describe the product requirements. Since the conditions of use are outside Leeds Oil & Grease Co. Ltd.'s control any recommendations or suggestions are made without guarantee and Leeds Oil & Grease Co. Ltd. disclaims any liability for loss or damage suffered from use of this information. Customers must satisfy themselves that the product is suitable for a particular purpose.</p> <p>Further information can be found in Health & Safety Executive publications, a list of which can be made available from HSE Books – Tel:- 01787 881165</p>	
Guidance	<p>COSHH Essentials and Chip for everyone. Consumer Protection Act. Environmental Protection Act COSHH Regulations CHIP regulations</p>
Statutory instruments	<p>The Health & Safety at Work Act 1974 Regulation (EC) NO. 1907/2006 (REACH) amendment to Directive 67/548/EEC Directive 98/24/EC Directive 99/45/EC</p>