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1. PRODUCT INFORMATION

Product Name logco-lease
Application Mould release oil
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2. COMPOSITION

Substance Name	Values (%)	Cas No.	EC No	EC Index	Symbols	R Phrases
Petroleum Hydrocarbons (saturated olefinic and aromatics C9 – C16) >99%.	30 -60%	64742-81-0	265-184-9	649-423-00-8	Xn.; N:	R38,R65; R10; R51/53
Distillate (Petroleum), severely Hydrotreated Light Naphthenic	This substance does not meet the criteria for classification according to directive 67/548/EEC as amended					
Full text of R-phrases: 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
Low coefficient of friction presenting a slip hazard.

Environmental Properties Not biodegradable. Toxic to aquatic organisms

4. FIRST AID MEASURES

Inhalation If inhalation of mist fumes or vapour causes irritation to the nose or throat or coughing remove to fresh air. If symptoms persist obtain medical advice.

Skin contact Wash skin thoroughly using soap and water.

Eye contact Rinse immediately with water, also under the eyelids for at least 10 minutes.

Ingestion Do not induce vomiting
Rinse mouth and drink plenty of water

Inhalation Remove from source of exposure. If symptoms persist obtain medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing Media	Use carbon dioxide, foam or dry powder.
Not to be used	Direct water jet. (Use water only to keep fire exposed containers cool.)
Protective equipment for fire fighting	In the event of a large fire, self-contained breathing apparatus should be worn.
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

Contain and collect spillage with help of absorbent materials such as floor granules. Protect drains from potential spills to minimise contamination. Wear protective clothing. Ensure adequate ventilation. Eliminate all sources of ignition.

Flash Point	38C (minimum)
Auto Ignition Temperature	220C (approx.)

If spillage enters drains call Environment Agency Emergency hotline 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 vapours. Well ventilated areas preferred.
Storage	Store away from sources of strong heat sparks, open flames and strong oxidising chemicals. Avoid extremes of humidity. External tanks or stillage should be banded. Avoid direct sunlight.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Personal protective equipment

Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment fitted 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.
Engineering Measures	Use barrier creams to prevent skin contact. 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	Slight paraffinic
Boiling point range °C	140 to >250
Density at 15.6°C	0.840
Viscosity at 40°C	4.2 centistokes
Flash Point (Abel)	38°C (minimum)
Auto-ignition temperature (ASTM E659)	Approximately 220°C
Benzene Content % m/m	<0.1%
Solubility	Soluble in non-polar solvents.
Partition coefficient: n-octanol/water	Not determined
Vapour density	Not determined
Evaporation rate	Not determined

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions of use
Hazardous decomposition products, Thermal Decomposition	Carbon monoxide and carbon dioxide. This material is combustible.
Incompatible materials	Oxidising agents.
Conditions to avoid	Heat, flames and sparks

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION




Ecotoxicity effects	The product components are classified as environmentally hazardous.
Mobility in soil	Some components may penetrate the soil causing ground water contamination.
Degradability	Inherently but not readily biodegradable.
Bio accumulation	Bioaccumulation is unlikely to be significant because of low water solubility of this product.
Aquatic toxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

14. TRANSPORT INFORMATION

Hazardous for Transport.

U.N. Number:	1223	U. N. Packaging Group:	III
Shipping Number:	Mould release fluid	Marine Pollutant:	Yes
IMO/IMDG:	Class 3.3 	ICAO/IATA:	3,III 
ADR/RID:	Class3 (F1) 		

15. REGULATORY INFORMATION

Label for supply:



Risk Phases:	R10	Flammable.
	R38	Irritating to the skin
	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R65	Harmful. May cause lung damage if swallowed
Safety Phases:	S2	Keep out of reach of children
	S23	Do not breathe vapours/spray
	S24	Avoid contact with skin
	S43	In case of fire use foam/dry powder/CO2/Halon Never use water jets.
	S60	This material and its container must be disposed of as hazardous waste.
	S61	Avoid release to the environment. Refer to special instructions/Safety Data Sheet.
	S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

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.

Further information can be found in Health & Safety Executive publications, a list of which can be made available from HSE Books – Tel:- 01787 881165

Guidance	COSHH Essentials and Chip for everyone. Consumer Protection Act. Environmental Protection Act COSHH Regulations CHIP regulations
Statutory instruments	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