



EXCELLENCE IN LUBRICANTS

SAFETY DATA SHEET

Rockdrill 100



EXOL LUBRICANTS LIMITED

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Rockdrill 100

Product Code: L129

SECTION 1	IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING
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1.1 Product Identifier	Rockdrill 100
Product Code	L129
1.2 Relevant identified uses of the substance or mixture and uses advised against	Extreme pressure treated rock drill and pneumatic lubricant. Do not use in any other application.
1.3 Company	Exol Lubricants Limited All Saints Road, Wednesbury, West Midlands, WS10 9TS
1.4 Emergency Telephone Number	+44 (0) 121 568 6800 (Monday – Friday 08.30 – 17.00 hrs GMT)
1.5 Other Information	Preparation Date: 04/04/2016

SECTION 2	HAZARD IDENTIFICATION
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2.1 Classification of the substance or mixture	Not classified as hazardous in accordance with CLP (EC 1272/2008) and DPD (1999/45/EC)
2.2 Label Elements	No labelling required
2.3 Other Hazards	None to mention

SECTION 3	COMPOSITION/ INFORMATION ON INGREDIENTS
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3.2 Mixtures					
Hazardous Ingredients	CAS No.	REACH Reg. No.	GHS Classification	DSD Classification	Conc. %
Alcohols, C12-15, ethoxylated	68131-39-5	Not available	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Aquatic Acute. 1 H400	Xi; R36/38 N; R50	<0.25

SECTION 4	FIRST AID MEASURES
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4.1 Description of first aid measures	
Inhalation	If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.
Eyes	Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.
Skin	Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.
Ingestion	Do not induce vomiting. Immediately call a doctor. If vomiting should occur naturally, the casualty should lean forward to reduce the risk of aspiration.
4.2 Most important symptoms and effects, both acute and delayed	No ill effects known
4.3 Indication of immediate medical attention and special treatment needed, if necessary	Eye contact: immediately wash out with plenty of water

SECTION 5	FIRE-FIGHTING MEASURES
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5.1 Extinguishing media	Foam, carbon dioxide or dry chemical. Water can be used to cool and protect exposed material.
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- 5.2 **Specific hazards arising from the substance or mixture** This product may give rise to hazardous fumes in a fire.
- 5.3 **Advice for fire-fighters** Wear self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions, protective equipment and emergency procedures** Wear Personal Protective Equipment. Spilled material may make surfaces slippery.
- 6.2 **Environmental precautions** Protect drains from potential spills to minimise contamination. Do not wash product into drainage system.
In the case of large spills contact the appropriate authorities. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies.
- 6.3 **Methods and material for containment and cleaning up** Absorb into dry earth or sand, transfer into suitable containers for disposal.
- 6.4 **Reference to other sections** Personal protective equipment: See section 8

SECTION 7 HANDLING AND STORAGE

- 7.1 **Precautions for safe handling** Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid direct contact with the substance
Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets.
Use a suitable barrier cream at regular intervals.
- 7.2 **Conditions for safe storage, including any incompatibilities** Store in cool well-ventilated area in original packaging.
- 7.3 **Specific end use(s)** See section 1

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**
- | Country | Substance | Long Term (8 Hours TWA) | Short Term (15 Mins) |
|---------|-----------|-------------------------|----------------------|
| | | None assigned | None assigned |
- 8.2 **Exposure controls**
- Use local exhaust ventilation to control mists or vapours.
- Hand Protection:** PVC gloves
Eye Protection: Safety glasses
Skin Protection: Normal work wear
Respiratory Protection: Not normally required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Information on basic physical and chemical properties**

Typical Values

Grades:		Rockdrill 100
Appearance	Units	Amber Oil
Odour		Characteristic Mild Oily
Odour Threshold		No data available
pH		Not applicable
Pour point/range	°C	No data available
Initial boiling point and range	°C	No data available
Flash point (COC)	°C	232
Auto Flammability	°C	No data available
Upper/lower flammability or explosive limits		Not applicable
Vapour pressure	kPa (0.1 mm Hg)	Not applicable



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Relative density	kg/m ³	0.893 @ 20°C
Solubility - water	kg/m ³	Insoluble
Partition coefficient n-octanol/water		Not applicable
Autoignition temperature		No data available
Decomposition temperature		No data available
Viscosity	mm ² /s	96.41 @ 40°C
Evaporation rate		Not applicable
Vapour density		Not applicable
Explosive properties		Not applicable
Oxidising properties		None

9.2 Other Information None

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity	No dangerous reactions known
10.2 Chemical stability	Stable under normal conditions of use
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	Heat
10.5 Incompatible materials	Avoid contact with strong oxidising agents
10.6 Hazardous decomposition products	Combustion will generate: smoke, carbon dioxide and carbon monoxide

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	
- Oral	Low order of acute toxicity
- Inhalation	Low order of acute toxicity
- Dermal	Low order of acute toxicity
Corrosivity/Irritation	
- Eye	No components present that are classified as eye irritants.
- Skin	No components present that are classified as skin irritants but may cause skin irritation due to de-fatting effect on skin.
- Respiratory Tract	No components present that are classified as respiratory irritants.
Sensitisation	
- Skin	No evidence of sensitisation effects.
- Respiratory	No evidence of sensitisation effects.
Repeated-dose Toxicity	No data available.
Mutagenicity	No evidence of mutagenicity.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive Toxicity	No evidence of reproductive toxicity.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity	Not expected to be harmful to aquatic organisms.
12.2 Persistence and Degradability	Expected to be inherently biodegradable
12.3 Bioaccumulative Potential	Has the potential to bioaccumulate; however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.
12.4 Mobility in Soil	Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.
12.5 Results of PBT and vPvB Assessment	No PBT or vPvB chemicals present.
12.6 Other Adverse Effects	None known.



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SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

SECTION 14 TRANSPORT INFORMATION

Not classified as hazardous for transport (ADR, RID, UN, IMDG, IMO, and IATA/ICAO).

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations.

15.2 Chemical Safety Assessment

No formal chemical safety assessment has been carried out.

SECTION 16 OTHER INFORMATION

Second Issue

First Issue March 2004: Changed to new format.

Full text of classification data in sections 2 and 3

Eye Irrit. 2; H319

Causes serious eye irritation

Skin Irrit. 2; H315

Causes skin irritation

Aquatic Acute 1; H400

Very toxic to aquatic life

Xi; R36/38

Irritating to eyes and skin

N; R50

Very toxic to aquatic organisms