



***EXCELLENCE IN LUBRICANTS***

## ***SAFETY DATA SHEET***

**Rockdrill 220**



**EXOL LUBRICANTS LIMITED**

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# SAFETY DATA SHEET

## Rockdrill 220

Product Code: L091

### SECTION 1 IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

|   |  |
|---|--|
| 1.1 Product Identifier  | Rockdrill 220  |
| Product Code  | L091   |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against | Extreme pressure treated rock drill and pneumatic lubricant.<br>Do not use in any other application. |
| 1.3 Company   | Exol Lubricants Limited<br>All Saints Road,<br>Wednesbury,<br>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: 29/07/2015   |

### SECTION 2 HAZARD IDENTIFICATION

|  |  |
|--|--|
| 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

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

### SECTION 4 FIRST AID MEASURES

|  |   |
|--|---|
| 4.1 Description of first aid measures  |   |
| <b>Inhalation</b>  | 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. |
| <b>Eyes</b>  | Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.      |
| <b>Skin</b>  | Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.                    |
| <b>Ingestion</b>   | 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

|  |   |
|--|---|
| 5.1 Extinguishing media                                    | Foam, carbon dioxide or dry chemical. Water can be used to cool and protect exposed material. |
| 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.  |



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## 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:                                      | Units             | Rockdrill 220            |
|--|-------------------|--------------------------|
| Appearance                                   |                   | 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                | 240                      |
| Auto Flammability                            | °C                | No data available        |
| Upper/lower flammability or explosive limits |                   | Not applicable           |
| Vapour pressure                              | kPa (0.1 mm Hg)   | Not applicable           |
| Relative density                             | kg/m <sup>3</sup> | 0.896 @ 20°C             |
| Solubility - water                           | kg/m <sup>3</sup> | Insoluble                |



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|                                       |                    |                   |
|---------------------------------------|--------------------|-------------------|
| Partition coefficient n-octanol/water |                    | Not applicable    |
| Autoignition temperature              |                    | No data available |
| Decomposition temperature             |                    | No data available |
| Viscosity                             | mm <sup>2</sup> /s | 221.8 @ 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.   |

## 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.



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## 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 2011: 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