

Lubric8 Hydraulic 32

Hydraulic Oil

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| SECTION 1 | IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING |
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| 1.1 Product Identifier | Lubric8 Hydraulic 32 |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against | Hydraulic Fluid For specific application information consult Technical Data Sheet |
| 1.3 Company | Lubric8UK Guiford Road Industrial Estate Hayle Cornwall TR27 4QZ |
| Email | sales@lubric8uk.co.uk |
| 1.4 Emergency Telephone Number | +44 (0) 1736 757002 (Monday – Friday 08.30 – 17.00 hrs GMT) |

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| SECTION 2 | HAZARD IDENTIFICATION |
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- 2.1 Classification of the substance or mixture
 - CLP: Not classified
- 2.2 Label elements
 - Signal Word: Not classified
 - Hazard statements Not classified.
 - Precautionary statements Not classified.
- 2.3 Other hazards

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| SECTION 3 | COMPOSITION/ INFORMATION ON INGREDIENTS |
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3.2 Mixtures

BASEOIL - UNSPECIFIED - LUBRICATING OILS (PETROLEUM), BASE OILS, PARAFFINIC

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|--------------------|---------|
| 297-474-6 | 93572-43-1 | - | - | 50-70% |

BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), SOLVENT-REFINED LIGHT NAPHTHENIC

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| 265-098-1 | 64741-97-5 | - | - | 30-50% |
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Contains: * Highly refined mineral oil - DMSO extract <3% (w/w) according to IP346

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| SECTION 4 | FIRST AID MEASURES |
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4.1 Description of first aid measures

- **Inhalation If inhaled**, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
- **Contact with eyes** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses (if easy to do so). Get medical attention.
- **Contact with skin** Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.
- **Ingestion** Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

- See Section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment should be symptomatic and directed to relieving any effects

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| SECTION 5 | FIRE-FIGHTING MEASURES |
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5.1 Extinguishing media

- Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog. Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

- If heated or in cases of fire, pressure in a vessel will increase and container may burst.
- Combustion products may include: carbon oxides (CO, CO₂) (carbon monoxide, carbon dioxide), metal oxide/ oxides, phosphorous oxides and sulphur oxides (SO, SO₂, etc..)

5.3 Advice for firefighters

- Promptly isolate and secure the scene, remove all unnecessary and untrained persons from the vicinity if there is a fire.
- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European Standard EN 469 will provide a basic level of protection for chemical incidents.

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| SECTION 6 | ACCIDENTAL RELEASE MEASURES |
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Spillage causes slippery surface

6.1 Personal precautions, protective equipment and emergency procedures

- Stop any leak if it is safe to do so.
- Absorb with sand or other inert absorbant. Collect in containers and seal securely.
- Adopt best manual handling considerations when handling, carrying and dispensing.
- Appropriate protective equipment must be worn when handling a spill of this material. See SECTION 8, Exposure Controls/Personal Protection, for recommendations. If exposed to material during clean-up operations, see SECTION 4, First Aid Measures, for actions to follow.

6.2 Environmental precautions

- Do not allow product to enter drains. Prevent further spillage if safe. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

- Stop any leak if it is safe to do so.
- Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- Dispose of in compliance with all local and national regulations.

6.4 Reference to other sections

- See Section 1 for emergency contact information.
- See Section 5 for firefighting measures.
See Section 8 for information on appropriate personal protective equipment.
See Section 12 for environmental precautions.
See Section 13 for additional waste treatment information.

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| SECTION 7 | HANDLING AND STORAGE |
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7.1 Precautions for safe handling

- Use appropriate personal protective equipment.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

- Store in accordance with local regulations.
- Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3 Specific end use(s)

- The identified uses for this product are detailed in Section 1.2.

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| SECTION 8 | EXPOSURE CONTROLS/PERSONAL PROTECTION |
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8.1 Control parameters

Substances

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Base oil – unspecified

WEL (long term) Base Oil Mixture - 5mg/m³

- If this product contains ingredients with exposure limits, personal and/or workplace atmosphere monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

8.2 Exposure controls

- Engineering Controls
- Appropriate Engineering Control:

All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled.

Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.

No special requirements under ordinary conditions of use and with adequate ventilation.

- Eye Protection

If contact is likely, safety glasses are recommended.

- Hand Protection

- As specific work environments and material handling practices vary, safety procedures should be developed for each intended application. The correct choice of protective gloves depends upon the chemicals being handled and the conditions of work and use. Recommended: Nitrile or alternative suitable glove. Breakthrough time represents how long a glove can be expected to provide effective permeation resistance. Always consult with your glove supplier for up-to-date technical information on breakthrough.

- Skin and Body Protection

Wear appropriate clothing as protection against splashing. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

- Hygiene Measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

- Respiratory Protection

No Special requirements under ordinary conditions of use and with adequate ventilation.

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| SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES |
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9.1 Information on basic physical and chemical properties

State: Liquid

Colour: Amber

Odour: Faint Odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Viscous

Kinematic viscosity: See PDS

Viscosity test method: Kinematic viscosity in 10⁻⁶ m²/s at 40°C (ISO 3219)

Boiling point/range°C: >250 Melting point/range°C: No data available.

Flammability limits %: lower: No data available. upper: No data available.

Flash point°C: >180 Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available. Vapour pressure: No data available.

Relative density: See PDS pH: No data available.

VOC g/l: No data available.

9.2 Other information

- The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

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| SECTION 10 | STABILITY AND REACTIVITY |
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10.1 Reactivity

- No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- None under normal processing.

- Hazardous polymerisation does not occur.

10.4 Conditions to avoid

- Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

- Reactive or incompatible with the following materials: oxidizing materials.

10.6 Hazardous decomposition products

- Under normal conditions of storage and use, hazardous decomposition products should not be produced

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| SECTION 11 | TOXICOLOGICAL INFORMATION |
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11.1 Information on toxicological effects

- Potential acute health effects. Inhalation may cause irritation to the respiratory tract. Ingestion: May cause nausea and diarrhoea. Skin contact: Defatting to the skin. May cause skin dryness and irritation. Eye contact: No known significant effects or critical hazards. No other specific data and information available.

- Potential chronic health effects General: USED ENGINE OILS Combustion products resulting from the operation of internal combustion engines contaminate engine oils during use. Used engine oil may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used engine oil must therefore be avoided and a high standard of personal hygiene maintained.

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| SECTION 12 | ECOLOGICAL INFORMATION |
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12.1 Toxicity

- Not classified as dangerous

12.2 Persistence and degradability

- The product is NOT biodegradable.

12.3 Bioaccumulative potential

- No data.

12.4 Mobility in soil

- Readily absorbed.

12.5 Results of PBT and vPvB assessment

- PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

- Negligible ecotoxicity.

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| SECTION 13 | DISPOSAL CONSIDERATIONS |
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13.1 Waste treatment methods

Disposal operations: This oil if kept segregated is suitable for recovery. Dispose of in accordance with local regulations

Recovery operations: Oil re-refining or other reuses of oil.

Waste code number: 13 01 10

Disposal of packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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| SECTION 14 | TRANSPORT INFORMATION |
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14.1 UN number

- UN No.: Not regulated.

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable.

14.3 Transport hazard class(es)

- Hazard Class: Not applicable.

14.4 Packing group

- Packing Group: Not applicable.

14.5 Environmental hazards

- Not classified.

14.6 Special precautions for user

- Not available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not available.

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| SECTION 15 | REGULATORY INFORMATION |
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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

- Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

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| SECTION 16 | OTHER INFORMATION |
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Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.