



# SAFETY DATA SHEET

PREMIER HYDRAULIC OIL VG 46

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Compilation date: 10/02/2025

Revision No: 2

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product name: PREMIER HYDRAULIC OIL VG 46

REACH registered number(s): NOT APPLICABLE

Product code: PREM-HYD46

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Antiwear Hydraulic Fluid

### 1.3. Details of the supplier of the safety data sheet

Company name: Premier Lubricants

Dewsbury Road

Fenton Industrial Estate

Stoke on Trent

ST4 2TE

United Kingdom

Tel: +44 (0) 1782 410381

Fax: +44 (0) 1782 410684

Email: [sales@premierlubricants.co.uk](mailto:sales@premierlubricants.co.uk)

### 1.4. Emergency telephone number

Emergency tel: +44 (0) 1782 410381

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

### 2.2. Label elements

Label elements: This product has no label elements.

### 2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

[cont...]

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## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

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

| EINECS    | CAS        | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|--------------------|---------|
| 265-098-1 | 64741-97-5 | -         | -                  | 30-50%  |

**Contains:** Highly refined mineral oil - DMSO extract <3% (w/w) according to IP346

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Not thought to be a concern. Albeit the user must carry out a risk assesment to determine the level of "mist" in the atmosphere to be within guide limits however remove the affected employee(s) from exposure ensuring ones own safety whilst doing so

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**Delayed / immediate effects:** No data available.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

[cont...]

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## 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

## 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid release to the environment.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** PC17: Hydraulic fluids.

## Section 8: Exposure controls/personal protection

[cont...]

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## 8.1. Control parameters

**Workplace exposure limits:** No data available.

## DNEL/PNEC Values

**DNEL / PNEC** No data available.

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** Ensure all engineering measures mentioned in section 7 of SDS are in place. Storage should be placed inside a fully bunded area of sufficient size to contain the volume plus 10%. Prevent from entering in public sewers or the immediate environment.

## Section 9: Physical and chemical properties

### 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 m<sup>2</sup>/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:** See PDS

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** See PDS

**pH:** Not applicable.

**VOC g/l:** No data available.

[cont...]

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## 9.2. Other information

**Other information:** Please refer to Product Data Sheet (PDS) for grade specific typical properties.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Extremes of Temperature

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

**Delayed / immediate effects:** No data available.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

[cont...]

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## 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 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.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

**Specific regulations:** Product is not subject to authorisation under REACH.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

[cont...]

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## Section 16: Other information

### Other information

**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.