

HVI HYDRAULIC OIL

ISO 46



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name HVI HYDRAULIC OIL 46

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

No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Company Address Prime Lubricants Ltd
Oakney Wood Avenue
Selby Business Park
Selby
North Yorkshire
YO8 8FQ
Tel. 01757 706996
Fax. 01757 707994

Emergency Telephone Tel 01757 706996

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Main Hazard CLP Not classified as hazardous
CHIP Not hazardous according to current CHIP regulations

2.2 Label Elements This product is not classified in accordance with 67/548/EEC

Risk phrases None assigned

2.3 Other Hazards No other known hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures Blend of highly refined mineral oils and additives.

Chemical Name	Cas No.	EC No.	Reach Reg No.	Conc. (%w/w)	H Phrases
Base Oil unspecified	74869-22-0	278-012-2		80-100%	N/A

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact:	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding eye lids open. If irritation persists, seek medical attention.
Skin contact:	H315 Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.
Inhalation:	Do not breathe dust or vapour. If inhaled and vapour causes irritation to the nose or throat move person to fresh air. If symptoms persist obtain medical attention
Ingestion:	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact:	Prolonged contact may cause redness, irritation to skin and eyes.
Ingestion:	DO NOT INDUCE VOMITING. Ingestion may cause nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Skin contact:	Wash with soap and water.
Ingestion:	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1 Extinguishing media	Use foam, dry powder, Carbon oxide, Carbon dioxide CO2 Sand.
5.2 Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.
5.3 Advice for Firefighters	Proper protective equipment including self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode, must be worn when approaching a fire in a confined space. Clothing for fire fighters (including helmets , protective boots & gloves) conform to European standard EN 469 Will provide a basic level of protection. Do NOT use water jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area. Wear suitable protective equipment. Avoid sparks, flames, heat and sources of ignition.

6.2. Environmental precautions Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly

6.4. Reference to other sections Personal protection see section 8, waste disposal see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Temperature: 0 - 50 °C

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well-ventilated area away from oxidising substances (S3/9/14). Keep containers tightly closed.

7.3. Specific end use(s)

Please use this product as indicated in sections 1 and 2. If you are uncertain please contact us immediately as not using the product in the right way could be dangerous for your health and machinery.

Further information

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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Exposure Limit Values

BASE OIL unspecified

WEL (short term) 5mg/m³

WEL (long term) 10mg/m³

8.2. Exposure controls



8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2 Individual protection measures

Wear chemical protective clothing.

Eye/face protection

Approved safety goggles

Skin/hand protection

Chemical resistant gloves (PVC)

Respiratory protection

Wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Amber
Odour	Mild
Explosive	Stable under normal conditions
pH	Not applicable.
Melting point	not available
Freezing Point	not available
Boiling point	not available
Flash point	> 20
Flammability limits	No data available
Vapour Flammability	No data available
Vapour density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	> 290
Oxidising	Not considered oxidising
Solubility	Insoluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

Further information

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

SECTION 10: Stability and reactivity

10.1. Reactivity	Stable under normal temperature conditions and recommended use.
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	Considered stable under normal conditions
10.4. Conditions to avoid	Store at temperatures between 0 °C and 50 °C.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products
Burning produces obnoxious and irritating fumes

SECTION 11: Toxicological information

11.1. Information on toxicological effects GENERAL INFORMATION. This product has low toxicity. Only large volumes may have adverse impact on human health.

Skin corrosion/irritation May cause sensitisation by skin contact.

Serious eye damage/irritation May cause temporary eye irritation.

Respiratory or skin sensitisation Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

Repeated or prolonged exposure Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

11.1.4. Toxicological Information

BASE OIL unspecified	Inhalation Rat LC50/30min:	>5.53
	Dermal Rat LD50:	>2000
	Oral Rat LD50:	>5000

Information given is based on data on the components and the, Information given is based on data on the components and the toxicology of similar products.

SECTION 12: Ecological information

12.1. Toxicity No data available

12.2. Persistence and degradability The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.3. Bioaccumulative potential Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

12.4. Mobility in soil The product is non-volatile. The product is insoluble in water and will spread on the water surface. Absorbs only slowly into soil.

12.5. Results of PBT and vPvB assessment
Not applicable

12.6. Other adverse effects To the best of our knowledge , the properties of this material have not been fully evaluated.

SECTION 13: Disposal considerations

13.1. Waste treatment methods Waste Code : 13 XX XX OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19) Code given as a guidance only it could vary from different products and the way they were used.

General information Dispose of in compliance with all local and national regulations.

Disposal of packaging We recycle 205L and 1000L packaging.

SECTION 14: Transport information

ADR/RID The product is not classified as dangerous for carriage.

IMDG The product is not classified as dangerous for carriage.

IATA The product is not classified as dangerous for carriage.

Further information The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

UK Regulatory References. Health and Safety at Work Act 1974. Statutory Instruments. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Approved Code Of Practice.Safety Data Sheets for Substances and Preparations. Guidance Notes. Workplace Exposure Limits EH40. EU Legislation. Dangerous Preparations Directive 1999/45/EC. Dangerous Substance Directive 67/548/EEC.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Other information

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.