



OptimOil

Safety Data Sheet

OptimOil HLP 46

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

1.1 Product identifier

Product name: OptimOil HLP 46
Product code: 1025

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

Use of substance / mixture: PC17: Hydraulic fluids.

1.3 Details of the supplier of the safety data sheet

Company name: OptimOil Limited
Church View Farm
Kelsall Road
Ashton
CH3 8BH
Tel: +44(0) 124 439 0528
Email: sales@optimoil.co.uk

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.



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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
-	-	-	-	50-70%

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

265-156-6	64742-53-6	-	-	30-50%
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Contains: Highly refined mineral oil - DMSO extract <3% (w/w) according to IP346
The highly refined base oil may be described by one or more of the following generic CAS identifiers: 64742-54-7, 64742-65-0, 64742-52-5, 64742-53-6, 64742-62-7, 64742-57-0, 64742-01-4, 64741-88-4, 64741-96-4, 64741-97-5, 64742-55-8, 64742-56-9, 64741-89-5, 64742-47-8, 8042-47-5.

The base oils may be used interchangeably to provide a product which is equivalent from both a regulatory and technical perspective

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: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

Skin contact: No known significant effects or critical hazards

Eye contact: No known significant effects or critical hazards

Ingestion: No known significant effects or critical hazards

Inhalation: No known significant effects or critical hazards

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

Section 5: Fire-fighting measures



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5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes. . This material creates a fire hazard because it floats on water

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. . Do not use water jet as an extinguisher as this may spread the fire

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.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Empty containers retain product residue and can be hazardous. 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.



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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

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: Light straw

Odour: Mineral Oil

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: Viscous

Kinematic viscosity: 46.00

Viscosity test method: ASTM D 445

Boiling point/range°C: >200 Melting point/range°C: < 0.00

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: 0.880 @ 15.5oC pH: No data available.

VOC g/l: No data available.

9.2. Other information

OptimOil Ltd, Churches View Farm, Kelsall Road, Ashton, Chester, CH3 8BH

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Company No: 12838102 | VAT No: 356 2746 79



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Other information:.

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: Heat. Hot surfaces. Sources of ignition.

10.5. Incompatible materials

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

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: No known significant effects or critical hazards

Eye contact: No known significant effects or critical hazards

Ingestion: No known significant effects or critical hazards

Inhalation: No known significant effects or critical hazards

Delayed / immediate effects: No known significant effects or critical hazards.

Other information: No known significant effects or critical hazards

Section 12: Ecological information

12.1. Toxicity



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Ecotoxicity values: No data available.

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: No data available

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



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

Specific regulations: Product is not subject to authorisation under REACh. The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)
Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh)
Regulation (EC 1907/2006) Safety Data Sheet according to Regulation EC 1907/2006
(REACh) with its amendment regulation EC 2015/830
European Agreement concerning the International Carriage of Dangerous Goods by
Road/ Regulations concerning the
International Carriage of Dangerous International Civil Aviation Organization /
International Air Transport Association Dangerous Goods Regulation

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.

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.