

## HEAT TRANSFER OIL 46

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

#### 1.1 - Product identifier

Trade name/designation HEAT TRANSFER OIL 46

Chemical name

Product-type Mixture

Product code 21740

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

Relevant identified uses - Industrial oil

Uses advised against - The uses are provided in Section 1.2. Other uses are not recommended unless a risk assessment is carried out, prior to commencement of that use, which demonstrates that the is safe.

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

PETROL OF S. A. .

Ünalan Mahallesi, Libadiye Caddesi No: 82F

Kat: 2-3-4, 34700 Üsküdar/ Istanbul

Turkey

Telephone : +90 850 339 1919 Fax +90 216 275 3854

Website : www.petrolofisi.com.tr - madeniyag@petrolofisi.com.tr

#### 1.4 - Emergency telephone number

- National Poisons Information Service of England: <http://npis.org> -  
NHS 111: dial 111 United Kingdom

- Company phone number (see section 1.3).

### SECTION 2: Hazards identification

#### 2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Not Classified	Not classified
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#### 2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word : None

Pictograms : None

Hazard statements : None

Precautionary statements : None

EUH-phrases : None

#### 2.3 - Other hazards

### SECTION 3: Composition / information on ingredients

#### 3.1 - Substances

Not applicable

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### 3.2 - Mixtures

### SECTION 4: First aid measures

#### 4.1 - Description of first aid measures

- Following skin contact - No information available.
- After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.
- After ingestion - When in doubt or if symptoms are observed, get medical advice.

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

- Symptoms and effects - Following inhalation - No information available.
- Symptoms and effects - Following skin contact - No data available.
- Symptoms and effects - After eye contact - No information available.
- Symptoms and effects - After ingestion - No information available.

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

- No information available.

### SECTION 5: Firefighting measures

#### 5.1 - Extinguishing media

- Suitable extinguishing media - ABC-powder  
- Water mist  
- Carbon dioxide (CO2)
- Unsuitable extinguishing media - Strong water jet

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

- Special hazards arising from the substance or mixture - No data available.
- Hazardous decomposition products - No data available.

#### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

### SECTION 6: Accidental release measures

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

- For non-emergency personnel - Use personal protection equipment.  
- Provide adequate ventilation.

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- For emergency responders
- Provide adequate ventilation.
  - Use personal protection equipment.

### 6.2 - Environmental precautions

- No information available.

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

- Methods and material for containment
- No information available.

- Methods and material for cleaning up
- Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).
  - Ventilate affected area.

- Inappropriate techniques
- No information available.

### 6.4 - Reference to other sections

- Disposal: See section 13
- Personal protection equipment: see section 8
- Safe handling: See section 7

## SECTION 7: Handling and storage

### 7.1 - Precautions for safe handling

- Recommendation
- No information available.

- Advices on general occupational hygiene
- No information available.

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

- Keep/store only in original container.

### 7.3 - Specific end use(s)

- Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1 - Control parameters

- No data available.

### 8.2 - Exposure controls

- Appropriate engineering controls
- No information available.

- Individual protection measures, such as personal protective equipment
- Lab coat.
  - Spectacles.



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Environmental exposure controls - No data available.

### SECTION 9: Physical and chemical properties

#### 9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>	yellow	<u>Odour</u>	characteristic
Odour threshold		No information available.	
pH		No information available.	
Melting point		No information available.	
Freezing point		No information available.	
Boiling point		No information available.	
Flash point		220 °C Open vase	
Evaporation rate		No information available.	
flammability		Not relevant.	
Lower explosion limit		No information available.	
Upper explosion limit		No information available.	
Vapour pressure		No information available.	
Vapour density		No information available.	
Relative density		No information available.	
Density		0,87 g/ml @15°C	
Solubility (Water)		Insoluble Soluble in hydrocarbons.	
Solubility (Ethanol)		No information available.	
Solubility (Acetone)		No information available.	
Solubility (Organic solvents)		No information available.	
Log KOC		No information available.	
Auto-ignition temperature		No information available.	
Decomposition temperature		No information available.	
Kinematic viscosity		46 mm <sup>2</sup> /s (cSt) @40°C	
Dynamic viscosity		No information available.	

#### Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

#### 9.2 - Other information

VOC content	Undetermined
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available

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Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

- No data available.

### SECTION 10: Stability and reactivity

#### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

#### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

#### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

#### 10.4 - Conditions to avoid

- Stable under recommended storage and handling conditions.

#### 10.5 - Incompatible materials

- No data available.

#### 10.6 - Hazardous decomposition products

- No data available.

### SECTION 11: Toxicological information

#### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

#### Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation gas (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- No data available.

Skin corrosion/irritation - Not classified

- No data available.

Serious eye damage/eye irritation - Not classified

- No data available.

Respiratory or skin sensitisation - Not classified

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	- No data available.
<u>Germ cell mutagenicity</u>	- Not classified
	- No data available.
<u>Carcinogenicity</u>	- Not classified
	- No data available.
<u>Reproductive toxicity</u>	- Not classified
	- No data available.
<u>STOT-single exposure</u>	- Not classified
	- No data available.
<u>STOT-repeated exposure</u>	- Not classified
	- No data available.
<u>Aspiration hazard</u>	- Not classified
	- No information available.

### 11.2 - Information on other hazards

- No information available.

## SECTION 12: Ecological information

### 12.1 - Toxicity

#### Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- No data available.

### 12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No data available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No information available.

- No data available.

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### 12.4 - Mobility in soil

- No data available.

### 12.5 - Results of PBT and vPvB assessment

### 12.6 - Endocrine disrupting properties

- No information available.

### 12.7 - Other adverse effects

- No data available.

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## SECTION 13: Disposal considerations

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### 13.1 - Waste treatment methods

Waste treatment methods - No information available.

Sewage disposal - No information available.

Special precautions for waste treatment - No information available.

Community or national or regional provisions - Dispose of waste according to applicable legislation.

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## SECTION 14: Transport information

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### 14.1 - UN number or ID number

Not applicable

### 14.2 - UN proper shipping name

Not applicable

### 14.3 - Transport hazard class(es)

Not applicable

### 14.4 - Packing group

Not applicable

### 14.5 - Environmental hazards

Not applicable

### 14.6 - Special precautions for user

Not applicable

### 14.7 - Maritime transport in bulk according to IMO instruments

Not applicable

- Not applicable.

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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

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Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

### 15.2 - Chemical Safety Assessment

## SECTION 16: Other information

### SDS versions

Version	Issue date	Author	Description of the amendments
1	03/10/2025		

Certificate holder Sena Ezgi Selçuk - Chemical Assessment Specialist (Certificate No: KDU01.29.06. Certificate date: 17.12.2027 - Certificate valid for 5 years)

### Abbreviations and acronyms

- ADR: The Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE: Acute Toxicity Estimate.
- LC50: Lethal Concentration to 50 % of a test animals.
- LOEC: Lowest Observed Effect Concentration.
- LD50: Lethal Dose to 50% of a test animals.
- LOEL: Lowest Observed Adverse Effect Level.
- DNEL: Derived no-effect level.
- EC50: Effective concentration of the substance that causes adverse effects in 50% of test animals.
- IATA: International Air Transport Association.
- IMDG: International Maritime Dangerous Goods.
- EC No: European Community number
- NOEC: No Observed Effect Concentration.
- NOEL: No observable effect level.
- CAS No.: Chemical Abstracts Service number.
- ICAO: International Civil Aviation Organization
- PBT: Persistent, Bioaccumulative and Toxic.
- PNEC: Predicted no-effect concentration.
- RID: International Carriage of Dangerous Goods by Rail.
- STEL: Short-term exposure limit
- TWA: Time weighted average
- OEL: Occupational exposure limit.
- vPvB: very Persistent and very Bioaccumulative.

### Texts of the regulatory sentences

Not Classified	Not classified
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The information provided in this Safety Data Sheet (SDS) is current on the date the SDS was prepared or revised. Implementation of measures that are provided on SDS is under downstream user companies' responsibility. Downstream users may change the measures in the SDS according to the conditions in their own business.



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