

## Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 12.12.2025

Version number 5.00 (replaces version 4.00)

Revision: 12.12.2025

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

#### 1.1 Product identifier

**Trade name:** CLASSIC HAMDIR UM 46 ZF

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

No further relevant information available.

**Application of the substance / the mixture** Hydraulic oil

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

**Manufacturer/Supplier:**

CLASSIC Schmierstoff GmbH &amp; Co. KG

Lange Straße 100-106

D-27318 HOYA

GERMANY

Phone: +49 (4251) - 8120

products@classic-oil.de

**Further information obtainable from:** product management**1.4 Emergency telephone number:** 24-hour emergency contact number : +1 872 5888271 (CSG)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void

#### 2.3 Other hazards

The product may form a film on the water surface which may prevent oxygen exchange.

See sections 11, 12 and 15.

**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Determination of endocrine-disrupting properties** No ingredient is listed.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:** Void**Additional information:**

The mineral oils in the product contain &lt; 3% DMSO extract (IP 346).

Mixtures are not subject to registration. The registration numbers of the ingredients of this mixture (if available) have been given under point 3.

For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:**

In all cases of doubt or if symptoms are present, seek medical advice.

Never give anything by mouth to an unconscious person or if convulsions occur.

**After inhalation:**

Take affected persons into fresh air and keep quiet.

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Seek medical treatment in case of complaints.

**After skin contact:**

After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if skin irritation persists. Remove contaminated clothing.

**After eye contact:**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Remove contact lenses.

**After swallowing:**

Do NOT induce vomiting. In case of vomiting, observe the risk of aspiration. Always consult a doctor!

**4.2 Most important symptoms and effects, both acute and delayed** No known symptoms to date.

**4.3 Indication of any immediate medical attention and special treatment needed**

Symptomatic treatment.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media**

**Suitable extinguishing agents:** Foam, Dry powder, Carbon dioxide, Water spray jet

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture**

The formation of combustible vapours is possible at temperatures above: Flash point.

In the event of fire the following can be released: Pyrolysis products; Hydrocarbons; Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO); Hydrogen sulfide (H<sub>2</sub>S); Nitrogen oxides (NO<sub>x</sub>); Phosphorus oxides; Smoke.

**5.3 Advice for firefighters**

**Protective equipment:**

In case combustion use a suitable breathing apparatus. Wear full protective suit. Do not allow run-off from fire fighting to enter drains or water courses.

**Additional information**

Use water spray jet to protect persons and to cool containers in the danger zone.

Knock down gases/vapours/mist with water spray jet. Collect contaminated extinguishing water separately.

Do not allow to enter drains or waterways.

B: Burning liquid or melting substances.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure sufficient ventilation. Keep away from sources of ignition and ventilate the room well. Avoid contact with skin, eyes and clothing. Special slip hazard due to leaked/spilled product.

Avoid inhalation of vapours. Do not smoke.

**6.2 Environmental precautions:**

Prevent from spreading (e.g. by damming-in or oil barriers).

Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid oil mist formation  
Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. Do not smoke.  
Open and handle container with care.  
Avoid skin and eye contact.  
Do not carry any soaked cloths in your trouser pockets.  
Remove soiled clothing and wash before reuse.  
Wash hands before breaks and at the end of work.  
Do not eat, drink, or smoke at work  
Separate storage of work clothes.

**Information about fire - and explosion protection:** Protect against electrostatic charges.

**Handling:** The formation of flammable vapours is possible at temperatures above: Flash point

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

##### Storage:

##### Requirements to be met by storerooms and receptacles:

Keep container tightly closed in a dry, cool and well-ventilated place.  
Recommended storage temperature: < 50 °C

**Information about storage in one common storage facility:** Store away from oxidising agents.

**Further information about storage conditions:** Keep/Store only in original container.

**Storage class:** 10

**7.3 Specific end use(s)** Observe the technical data sheet

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Ingredients with limit values that require monitoring at the workplace:

No national limits have yet been set.

##### Additional information:

The data sheets of the upstream suppliers and lists valid at the time of production serve as a basis.

#### 8.2 Exposure controls

**Appropriate engineering controls** Ensure sufficient ventilation and spot extraction at critical points.

##### Individual protection measures, such as personal protective equipment

**General protective and hygienic measures:** Wash hands before breaks and at the end of work.

##### Respiratory protection:

Not necessary if room is well-ventilated.  
Fog generation/formation: Filter unit with filter or fan filter unit type:A2 P2

##### Hand protection

The design of chemical protective gloves must be selected specifically for the workplace, depending on the concentration and quantity of hazardous substances.  
Check the permeability prior to each renewed use of the glove.  
Preventive skin protection through skin protection ointment.

##### Material of gloves

Nitrile  
Recommended thickness of the material:  $\geq 0.35$  mm

##### Penetration time of glove material

>480min  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

##### Eye/face protection

Wear eye/face protection.  
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**Body protection:** Wear suitable protective clothing.

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### Environmental exposure controls

Technical measures to prevent exposure  
Organisational measures to prevent exposure

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

<b>Physical state</b>	Liquid
<b>Colour:</b>	Light yellow
<b>Odour:</b>	
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	>320 °C
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	0.6 Vol %
<b>Upper:</b>	6.5 Vol %
<b>Flash point:</b>	>230 °C (DIN ISO 2592)
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not determined.
<b>Viscosity:</b>	
<b>Kinematic viscosity at 40 °C</b>	43.9 mm <sup>2</sup> /s (ASTM D7279)
<b>Dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 15 °C:</b>	0.865 g/cm <sup>3</sup> (DIN EN ISO 12185)
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Particle characteristics</b>	Does not apply to liquids.

### 9.2 Other information

<b>Appearance:</b>	
<b>Form:</b>	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Change in condition</b>	
<b>Drip point:</b>	
<b>Pour point</b>	<-24 °C (ASTM D7346)
<b>Evaporation rate</b>	Not determined.

### Information with regard to physical hazard classes

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void

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<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

**10.1 Reactivity** The product is non-reactive under normal conditions of use, storage and transport.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

The formation of combustible vapors is possible at temperatures above the flashpoint

**10.4 Conditions to avoid** Oxidizer, strong

**10.5 Incompatible materials:** Oxidising agent, strong

**10.6 Hazardous decomposition products:** Refer to section 5.2.

### SECTION 11: Toxicological information

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

**Acute toxicity** Based on available data, the classification criteria are not met.

**Primary irritant effect:**

**Skin corrosion/irritation**

Frequent and prolonged skin contact may cause skin irritation.

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation**

Frequently or prolonged contact with skin may cause dermal irritation.

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Other information (about experimental toxicology):**

Specific effects in animal experiments: No data available for the preparation/mixture.

**Additional toxicological information:**

Oral	ATE	>2,000 mg/kg (Calculated)
Dermal	ATE	>2,000 mg/kg (Calculated)
Inhalative	ATE Dust/Mist	>5 mg/L (Calculated)
	ATE Vapour	>20 mg/L (Calculated)

**11.2 Information on other hazards**

**Endocrine disrupting properties**

This product does not contain any substance (> 0.1%) with endocrine disrupting properties towards non-target organisms, as no ingredient fulfils the criteria.

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### Other information

There are no data for the preparation/mixture itself. The classification was made according to the calculation procedure of Regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1 Toxicity

**Aquatic toxicity:** There are no data available for the preparation/mixture.

### 12.2 Persistence and degradability

There are no data for the preparation/mixture itself.

Not readily biodegradable (according to OECD criteria). Data refer to the main component.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6 Endocrine disrupting properties

This product does not contain any substance with endocrine disrupting properties towards non-target organisms, as no ingredient fulfils the criteria.

### 12.7 Other adverse effects

**Additional ecological information:**

#### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation

The allocation of waste code numbers/waste designations is to be carried out according to EAVK on a sector- and process-specific basis.

Contact the responsible authorised waste disposal company for waste disposal. Dispose of in accordance with official regulations.

Delivery of waste oil to officially authorised collectors only.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### European waste catalogue

13 01 10*	mineral based non-chlorinated hydraulic oils
15 01 10*	packaging containing residues of or contaminated by hazardous substances

#### Uncleaned packaging:

##### Recommendation:

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Non contaminated packagings may be recycled.

Completely emptied packaging can be recycled.

Disposal must be made according to official regulations.

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR, IMDG, IATA

not regulated

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**14.2 UN proper shipping name**

ADR, IMDG, IATA

not regulated

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class

not regulated

**14.4 Packing group**

ADR, IMDG, IATA

not regulated

**14.5 Environmental hazards:**

ENVIRONMENTALLY HAZARDOUS: no

**14.6 Special precautions for user**

Not applicable.

**14.7 Maritime transport in bulk according to**

IMO instruments

Not applicable.

**UN "Model Regulation":**

not regulated

### SECTION 15: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category This product is not controlled under the Seveso Directive.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 75

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**National regulations:**

**Waterhazard class:**

(according to AwSV, Germany)

Water hazard class 1 (Self-assessment): slightly hazardous for water.

**Other regulations, limitations and prohibitive regulations**

The national legal regulations must also be observed!

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**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing SDS:** product management**Contact:** product management**Date of previous version:** 21.11.2025**Version number of previous version:** 4.00**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

\* **Data compared to the previous version altered.**