

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

Printing date 24.02.2026

Version number 4.00 (replaces version 3.00)

Revision: 23.02.2026

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

1.1 Product identifier

Trade name: **CLASSIC HAMDIR UM 68 HLPD**

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 fluid

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

CLASSIC Schmierstoff GmbH & 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 Product can build up a film on the water surface which can inhibit the oxygen exchange.

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:

CAS: 64741-88-4 EINECS: 265-090-8 Reg.nr.: 01-2119488706-23	Distillates (petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified	65-<70%
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Additional information:

This mixture does not contain any ingredients which are hazardous to health or the environment within the meaning of Regulation (EC) No 1272/2008, assigned a Community occupational exposure limit, classified as PBT/vPvB or included in the candidate list.

Mixtures are not subject to registration.

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.

(Contd. on page 2)

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

Printing date 24.02.2026

Version number 4.00 (replaces version 3.00)

Revision: 23.02.2026

Trade name: CLASSIC HAMDIR UM 68 HLPD

(Contd. of page 1)

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Take off immediately all contaminated clothing.
After contact with skin, wash immediately with soap and water.
If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water.
Remove any existing contact lenses if possible.
Call a doctor immediately.

After swallowing:

Do NOT induce vomiting.
Call a doctor immediately.
In case of vomiting, note the risk of aspiration.

Information for doctor: First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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
Use fire extinguishing methods suitable to surrounding conditions.

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 produced:

Hydrocarbons, pyrolysis products, toxic, carbon dioxide (CO₂), carbon monoxide, hydrogen sulphide (H₂S), nitrogen oxides (NO_x), phosphorus oxides.

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus and chemical protective clothing.

Protective equipment: No special measures required.

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 adequate ventilation. Particular risk of slipping due to leaking/spilled product. Conditions to avoid: Inhalation. Keep away from sources of ignition - No smoking. Avoid contact with eyes and skin.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.
Prevent from spreading (e.g. by damming-in or oil barriers).

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

(Contd. on page 3)

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

Printing date 24.02.2026

Version number 4.00 (replaces version 3.00)

Revision: 23.02.2026

Trade name: **CLASSIC HAMDIR UM 68 HLPD**

See Section 13 for disposal information.

(Contd. of page 2)

SECTION 7: Handling and storage

7.1 Precautions for safe handling

All work processes must be designed in such a way that the following is excluded:
Fog generation/formation. Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. Do not smoke. Open and handle containers with care.

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

Handling:

Information on general hygiene measures at the workplace:

Avoid contact with skin, eyes and clothing. Do not carry product-soaked cleaning cloths in your trouser pockets. Remove soiled, soaked clothing immediately. Wash hands before breaks and at the end of work. Do not eat, drink or smoke while working. Store work clothes separately.

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.

Use only receptacles specifically permitted for this substance/product.

Information about storage in one common storage facility: Keep away from: Oxidising agents, strong

Further information about storage conditions:

Do not expose to temperatures above 50 °C.

Keep container tightly closed and store in a cool, well-ventilated place

Storage class: 10 (TRGS 510)

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS: 64741-88-4 Distillates (petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified

Dermal	DNEL, long-term, dermal, systemic	0.97 mg/kg KG/d (worker)
Inhalative	DNEL, long-term, inhalation, systemic	2.73 mg/m ³ (worker)
	long-term, inhalative, local	5.58 mg/m ³ (worker)
		1.19 mg/m ³ (Consumer)

PNECs

CAS: 64741-88-4 Distillates (petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified

PNEC 9.33 mg/Kg (Intoxication secondaire)

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.

No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

(Contd. on page 4)

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

Printing date 24.02.2026

Version number 4.00 (replaces version 3.00)

Revision: 23.02.2026

Trade name: **CLASSIC HAMDIR UM 68 HLPD**

(Contd. of page 3)

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



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Nitrile rubber, NBR

Recommended thickness:> 0.35 mm.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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.

EN 166

Body protection:

The type of personal protective equipment must be selected according to the concentration and quantity of the hazardous substance at the workplace. Body protection (in addition to the usual work clothing) is required to protect against direct skin contact.

Chemical resistant safety shoes.

Skin protection Preventive skin protection with skin protection ointment.

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

Physical state

Liquid

Colour:

Light yellow

Odour:

Characteristic

Odour threshold:

Not determined

Melting point/freezing point:

Undetermined

Boiling point or initial boiling point and boiling range

>320 °C

Flammability

Not applicable

Lower and upper explosion limit

Lower:

0.6 Vol %

Upper:

6.5 Vol %

Flash point:

240 °C (DIN ISO 2592)

Decomposition temperature:

Not determined

pH

Not determined

(Contd. on page 5)

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

Printing date 24.02.2026

Version number 4.00 (replaces version 3.00)

Revision: 23.02.2026

Trade name: **CLASSIC HAMDIR UM 68 HLPD**

(Contd. of page 4)

Viscosity:

Kinematic viscosity at 40 °C

66.7 mm²/s (ASTM D7279)

Dynamic:

Not determined

Solubility

water:

Not miscible or difficult to mix.

Partition coefficient n-octanol/water (log value)

Not determined

Vapour pressure:

Not determined

Density and/or relative density

Density at 15 °C:

0.865 g/cm³ (DIN EN ISO 12185)

Relative density

Not determined

Vapour density

Not determined

Particle characteristics

Does not apply to liquids.

9.2 Other information

Appearance:

Form:

Fluid

Important information on protection of health and environment, and on safety.

Ignition temperature:

Not determined

Explosive properties:

Not determined

Change in condition

Drip point:

Pour point

-21 °C (ASTM D7346)

Evaporation rate

Not determined

Information with regard to physical hazard classes

Explosives

Void

Flammable gases

Void

Aerosols

Void

Oxidising gases

Void

Gases under pressure

Void

Flammable liquids

Void

Flammable solids

Void

Self-reactive substances and mixtures

Void

Pyrophoric liquids

Void

Pyrophoric solids

Void

Self-heating substances and mixtures

Void

Substances and mixtures, which emit flammable

gases in contact with water

Void

Oxidising liquids

Void

Oxidising solids

Void

Organic peroxides

Void

Corrosive to metals

Void

Desensitised explosives

Void

SECTION 10: Stability and reactivity

10.1 Reactivity No hazardous reactions when stored and handled according to prescribed instructions.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

The product is stable when stored at normal ambient temperatures.

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: No further relevant information available.

(Contd. on page 6)

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

Printing date 24.02.2026

Version number 4.00 (replaces version 3.00)

Revision: 23.02.2026

Trade name: **CLASSIC HAMDİR UM 68 HLPD**

(Contd. of page 5)

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 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

None of the ingredients is listed.

Other information

No data available for the mixture.

Reference to other sections: 2, 3

SECTION 12: Ecological information

12.1 Toxicity

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

12.2 Persistence and degradability

There is no information about the mixture itself.

Not easily biodegradable

Data refer to the main component.

12.3 Bioaccumulative potential There is no data available for the mixture.

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 fulfil the PBT/vPvB criteria according to REACH, Annex XIII.

PBT: Not applicable

vPvB: Not applicable

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information:

General notes:

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

(Contd. on page 7)

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

Printing date 24.02.2026

Version number 4.00 (replaces version 3.00)

Revision: 23.02.2026

Trade name: **CLASSIC HAMDIR UM 68 HLPD**

(Contd. of page 6)

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 Dispose of waste according to applicable legislation.

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: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA not regulated

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:

Not applicable

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 Not subject to 2012/18/EU (SEVESO III)

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.

(Contd. on page 8)

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

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Trade name: CLASSIC HAMDİR UM 68 HLPD

(Contd. of page 7)

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

Other regulations, limitations and prohibitive regulations

The national legal regulations must also be observed!

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

Version number of previous version: 3.00

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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