

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

Printing date 24.10.2025

Version number 5.00 (replaces version 4.00)

Revision: 24.10.2025

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

1.1 Product identifier

Trade name: CLASSIC HAMDIR UM 100

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

The product does not contain any (>0.1%) substances of very high concern (SVHC) included in the candidate list according to REACH, Article 59.

For information or further instructions, see also section 11 or 12.

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:

The product does not contain any hazardous substances which have to be mentioned in chapter 3 due to COMMISSION REGULATION (EU) No 2020/878, Annex II, Part A, 3.1/3.2.

Dangerous components: Void**Additional information:** 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 case of accident or unwellness, seek medical advice immediately.

If possible, show operating instructions or safety data sheet.

After inhalation: Take affected persons into fresh air and keep quiet.

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After skin contact:

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, seek medical treatment.

After eye contact:

Rinse opened eye for several minutes under running water.

If irritation, blurred vision or swelling persists, seek medical advice from a specialist.

After swallowing:

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunk in little sips (dilution effect).

Never give anything by mouth to an unconscious person or a person with cramps. When in doubt or if symptoms are observed, get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

If swallowed or vomited, danger of entering the lungs.

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:**

Sand. Foam. Carbon dioxide (CO₂). Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

When burning strong soot development

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂). Sulphur dioxide (SO₂). Nitrogen oxides (NO_x). Phosphorus oxides.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. In case of fire: Wear self-contained breathing apparatus.

Protective equipment:

In case of combustion use a suitable breathing apparatus. Wear full protective suit.

Do not inhale explosion gases or combustion gases.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

For non-emergency personnel Personal protective equipment

For emergency responders No special precautions are necessary.

6.2 Environmental precautions:

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

Do not allow to penetrate the ground/soil.

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

6.3 Methods and material for containment and cleaning up:

Clean contaminated articles and floor according to the environmental legislation.

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.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment. Personal protective equipment: see section 8.

Avoid the formation of oil haze.

Do not inhale vapour/aerosol.

Avoid skin and eye contact.

Information about fire - and explosion protection:

Usual measures of preventive fire protection

Keep ignition sources away - Do not smoke.

Fire class B

Handling:

Information on general hygiene measures at the workplace:

Ensure thorough skin cleansing and skin care after work.

Do not carry product-soaked cleaning rags in trouser pockets.

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:

Do not store together with: Gas. Explosives. Oxidizing substances. Radioactive substances. Infectious substances.

Further information about storage conditions:

Temperature control required. Protect from light. Keep container tightly closed. Do not allow contact with air.

Storage class: 10**7.3 Specific end use(s)** See section 1.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Oil vapors and oil mist

Long-term value 5mg/m³Short-term value 10mg/m³

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 good ventilation of the work station.

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.

Respiratory protection:

With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at:

-aerosol or mist formation

-Exceeding exposure limit values

Suitable respiratory protection apparatus: Respiratory equipment in case of nebulosity or aerosol: Use a mask with a filter type A2, A2/P2 or ABEK.

The respiratory protection filter class must be adapted to the maximum pollutant concentration (gas/vapour/aerosol/particles) that can arise when handling the product. If the concentration is exceeded, insulating equipment must be used!

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Hand protection

Use safety gloves of following materials: NBR (nitrile) / neopren / viton (permeationslevel 5 - 6), Cat. II according to norm EN 347/EN 388.

If gloves are to be reused, clean them before taking them off and store them in a well-ventilated place.

Gloves must be checked regularly and replaced in case of wear, holes or contamination.

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

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

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

Safety goggles with side shield, in case of increased splash hazard additional face shield. DIN EN 166

Body protection:

Flame retardant, oil repellent protective clothing.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

Environmental exposure controls There are no data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

Colour:

Clear

Odour:

Characteristic

Odour threshold:

Not determined.

Melting point/freezing point:

Undetermined.

Boiling point or initial boiling point and boiling range

Undetermined.

Flammability

Not applicable.

Lower and upper explosion limit

Lower:

Not determined.

Upper:

Not determined.

Flash point:

256 °C (DIN ISO 2592)

Decomposition temperature:

Not determined.

pH

Not determined.

Viscosity:

Kinematic viscosity at 40 °C

99.52 mm²/s (DIN EN ISO 3104)

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:

0.8836 g/cm³ (DIN 51757)

Relative density

Not determined.

Vapour density

Not determined.

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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:

Product is not selfigniting.

Explosive properties:

Product does not present an explosion hazard.

Change in condition

Drip point:

Pour point

-27 °C (ASTM D 5985)

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 further relevant information available.

10.2 Chemical stability

Stable when the recommended storage and handling instructions are applied (see section 7).

10.3 Possibility of hazardous reactions

No dangerous reactions known.

Refer to chapter 10.5.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: Materials to avoid: Strong oxidizing agents

10.6 Hazardous decomposition products: No dangerous decomposition products known.

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

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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.

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.

Other information Frequent and prolonged skin contact may cause skin irritation.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

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

The product has not been tested.

12.2 Persistence and degradability

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

12.3 Bioaccumulative potential No indication of bioaccumulation potential.

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.

The above statement applies to the substances contained in the product from 0.1 %.

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

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

The above statement applies to the substances contained in the product from 0.1 %.

12.7 Other adverse effects No further relevant information available.

Other information: Ozone depletion potential (ODP): No information available.

Additional ecological information:

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose of in accordance with official regulations. Contact the responsible authorised waste disposal company for waste disposal. Non-contaminated and completely empty packaging can be recycled. The allocation of waste code numbers/waste designations must be carried out in accordance with EAKV on an industry and process-specific basis.

European waste catalogue

15 01 10*	packaging containing residues of or contaminated by hazardous substances
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Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

Handle contaminated packages in the same way as the substance itself.

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:

ENVIRONMENTALLY HAZARDOUS: no

14.6 Special precautions for user

For information on safe handling, see chapter 7.
For information on personal protective equipment, see chapter 8.

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

Regulation (EU) No 649/2012

Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals: not relevant

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.

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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:

Technical instructions (air):

Technical Instructions on Air Quality I (Germany):

5.2.5: Organic substances, to be indicated as total carbon at $m \geq 0.50$ kg/h: Conc. 50 mg/m³.

Proportion: >99 %

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!

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: 09.07.2024

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.**