

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

Printing date 28.03.2025

Version number 5.00 (replaces version 4.00)

Revision: 03.01.2025

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

1.1 Product identifier

Trade name: **CLASSIC KOLDA UE G30®**

UFI:

90W0-50U0-T002-G5J1

Notified for: Germany

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 Coolant

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

DEUTSCHLAND

Telephone: +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



GHS08 health hazard

STOT RE 2 H373 May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07



GHS08

Signal word Warning

Hazard-determining components of labelling:

Ethanediol

Hazard statements

H302 Harmful if swallowed.

H373 May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P270 Do not eat, drink or smoke when using this product.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 Rinse mouth.

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P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

The substances contained do not fulfil the PBT/vPvB criteria of the REACH Regulation, Annex XIII.

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties

The product does not contain any substance above the legal limits that is included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 on the basis of endocrine disrupting properties or that has endocrine disrupting or endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Chemical characterisation

Ethanediol

Inhibitors

Dangerous components:

| | | |
|---|--|------------|
| CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28 | Ethanediol ☠ STOT RE 2, H373; ☠ Acute Tox. 4, H302 | ≥75-≤100% |
| CAS: 17265-14-4 EINECS: 241-300-3 Reg.nr.: 01-2120762063-61 | Disodium sebacate ☠ Eye Irrit. 2, H319 | ≥3-<5% |
| CAS: 64665-57-2 EINECS: 265-004-9 Reg.nr.: 01-2119980062-42 | sodium 4(or 5)-methyl-1H-benzotriazolide ☠ Repr. 2, H361d; ☠ Skin Corr. 1B, H314; ☠ Aquatic Chronic 2, H411; ☠ Acute Tox. 4, H302 | ≥0.1-<0.2% |
| CAS: 29385-43-1 EINECS: 249-596-6 Reg.nr.: 01-2119979081-35 | methyl-1H-benzotriazole ☠ Repr. 2, H361d; ☠ Aquatic Chronic 2, H411; ☠ Acute Tox. 4, H302 | ≥0-<0.2% |

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:

Remove contaminated clothing immediately. If there is a risk of unconsciousness, position and transport in a stable lateral position.

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

After skin contact:

Wash with soap and water.

Seek medical treatment.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Administer 50 ml of pure ethanol in a drinkable concentration.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: Important or further important known symptoms and effects are described in the GHS labelling of the product (see section 2) and in section 11 (Toxicological information).

(Further) symptoms and/or effects are not known so far.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

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Antidote: Administer ethanol.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Water spray
Fire-extinguishing powder
Alcohol resistant foam

5.2 Special hazards arising from the substance or mixture Harmful vapours. Evolution of fumes/fog.

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information

The hazard depends on the combusting substances and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

6.2 Environmental precautions:

Keep contaminated washing water and dispose of appropriately.
Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up:

For large amounts: Pump off product.
For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ventilate the storage and work areas well. Immediately reseal containers after removing product, as the product absorbs moisture from the air.

Wear chemical resistant gloves combined with specific job training. Wear appropriate coveralls to avoid skin exposure.

Temperature class: T2 (ignition temperature >300 °C).

Exposure assessment and reference to the source.

Provide exhaust ventilation, at locations where emissions occur.

Information about fire - and explosion protection: No special measures required.

Handling: Provision of an extraction system in places where emissions occur.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Further information on storage conditions: Containers should be stored tightly sealed in a dry place. Storage in galvanized containers is not recommended.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep container tightly sealed.
Keep/Store only in original container.

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Storage class: 10

7.3 Specific end use(s)

For the relevant identified uses according to section 1, the guidance given in this section 7 shall be followed.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

In order to check the effectiveness of protective measures, e.g. ventilation or the need for respiratory protection, it may be necessary to monitor the workplace using measurement technology. As this requires special expertise, only accredited measuring centres should be commissioned for this purpose. The European standards EN 482, 689 and 14042 should be applied with regard to suitable methods for determining inhalative exposure. In addition, TRGS 402 must be observed in Germany.

Ingredients with limit values that require monitoring at the workplace:

CAS: 107-21-1 Ethanediol

| | |
|-------|--|
| IOELV | Short-term value: 104 mg/m ³ , 40 ppm |
| | Long-term value: 52 mg/m ³ , 20 ppm |
| | Skin |

DNELs

CAS: 107-21-1 Ethanediol

| | | |
|------------|---------------------|---|
| Dermal | DNEL(long/systemic) | 106 mg/kg bw/day (Workers (Industrial/Professional)) |
| | DNEL(long/systemic) | 53 mg/kg bw/day /(Consumer) |
| Inhalative | DNEL(long/local) | 7 mg/m ³ /(Consumer) |
| | DNEL(long/local) | 35 mg/m ³ (Workers (Industrial/Professional)) |

PNECs No hazard potential.

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 No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Do not inhale gases / fumes / aerosols.

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

Wear suitable protective clothing.

Respiratory protection:

Respiratory protection in case of vapour/aerosol release. Combination filter for gases/vapours of organic compounds and solid and liquid particles (f.e. EN 14387 Type A-P2)

Hand protection



Protective gloves

Wear chemical protective gloves according to EN 374

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 of the material: ≥ 0.4 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

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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



Tightly sealed goggles

EN 166

Body protection:

Protective clothing: Personal protective equipment must be selected depending on the activity and possible exposure.

Apron

Protecting boots, chemical-protection suit.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

Colour:

Pink

Odour:

Product specific

Odour threshold:

Not determined.

Melting point/freezing point:

<-18 °C (DIN ISO 3016)

Boiling point or initial boiling point and boiling range

>160 °C (ASTM D1120)

Flammability

Not applicable.

Lower and upper explosion limit

Lower:

Not relevant for classification and labelling of liquids, The lower explosion point may be 5 °C to 15 °C below the flash point.

Upper:

Not relevant for classification and labelling of liquids.

Flash point:

>124 °C (ISO 2719)

Auto-ignition temperature:

420 °C (DIN 51794)

Decomposition temperature:

Not determined.

pH

8.2–8.6

Viscosity:

Kinematic viscosity at 20 °C

20–30 mm²/s (DIN 51562)

Dynamic:

Not determined.

Solubility

water:

Fully miscible.

Partition coefficient n-octanol/water (log value)

Not determined.

Vapour pressure at 20 °C:

0.2 mbar

Density and/or relative density

Density at 20 °C:

1.124 g/cm³

Relative density

Not determined.

Vapour density

Not determined.

Relative gas density

>1 (geschätzt)

Particle characteristics

Does not apply to liquids.

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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

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 |
| Additional information | Thixotropy: not thixotropic |

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:

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: Substances to avoid: strong oxidising agents, hydroxides of alkali metals.

10.6 Hazardous decomposition products: Does not decompose when used for intended uses.

SECTION 11: Toxicological information

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

Acute toxicity Harmful if swallowed.

LD/LC50 values relevant for classification:

| | | |
|------|-----------|----------------------|
| Oral | LD50 oral | ~1,600 mg/kg (Human) |
|------|-----------|----------------------|

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

Developmental toxicity

Information on: Ethanediol

Assessment Teratogenicity:

Tests in mice and rats showed foetotoxic effects after oral intake of high doses, which did not occur in a study in rabbits. Mechanistic studies have shown that the rabbit is the relevant species for human health classification. Therefore, and because ethylene glycol does not cause developmental toxicity in the rabbit, classification is not required.

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

May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

Information on: Ethanediol

Assessment Repeated dose toxicity:

The substance may cause damage to the kidneys with repeated oral ingestion. The substance may cause damage to the kidneys with repeated dermal ingestion of large quantities.

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

11.2 Information on other hazards

Endocrine disrupting properties

The product does not contain any substance above the legal limits that is included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 on the basis of endocrine disrupting properties or that has endocrine disrupting or endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Other information

The product has not been tested. The statements on toxicology were derived from the properties of the individual components.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Assessment of aquatic toxicity:

Highly unlikely to be acutely harmful to aquatic organisms.

Microorganisms/effect on activated sludge:

If low concentrations are properly discharged into adapted biological sewage treatment plants, disturbances of the degradation activity of activated sludge are not to be expected.

12.2 Persistence and degradability

| | |
|-------------------------------|--|
| Persistence and degradability | 70 % /(28d) (OECD 301A) DOC acceptance Easily biodegradable. |
|-------------------------------|--|

12.3 Bioaccumulative potential

Bioaccumulation potential:

Accumulation in organisms is not expected.

12.4 Mobility in soil

Assessment Transport between environmental compartments:

Adsorption to soils: No data available.

12.5 Results of PBT and vPvB assessment

The product does not contain any substances fulfilling the PBT/vPvB criteria.

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

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12.7 Other adverse effects

Other information:

The product does not contain any substances listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

Adsorbable organic bound halogen (AOX): The product does not contain organically bound halogen.

Additional ecological information:

The product has not been tested. The statement is derived from the properties of the individual components.

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

Dispose of waste according to applicable legislation.

After prior treatment product has to be landfilled or incinerated adhering to the regulations pertaining to the disposal of especially hazardous waste.

Waste disposal key:

The waste codes given are recommendations based on the expected use of this product.

Due to the specific use and disposal conditions at the user's site, other waste codes may be assigned under certain circumstances. (2014/955/EU)

European waste catalogue

| | |
|-----------|---|
| 16 01 14* | antifreeze fluids containing hazardous substances |
| HP5 | Specific Target Organ Toxicity (STOT)/Aspiration Toxicity |
| HP6 | Acute Toxicity |

Uncleaned packaging:

Recommendation:

Non contaminated packagings may be recycled.

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

Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

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.

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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

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07 GHS08

Signal word Warning

Hazard-determining components of labelling:

Ethanediol

Hazard statements

H302 Harmful if swallowed.

H373 May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P270 Do not eat, drink or smoke when using this product.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 Rinse mouth.

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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: 3, 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:

Information about limitation of use:

Germany:

Observe restrictions according to the Youth Employment Protection Act (JArbSchG)

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Breakdown regulations: Listed in regulation: no

Technical instructions (air):

Germany:

TA Luft (First General Administrative Regulation to the Federal Immission Control Act - Technical Instructions on Air Quality Control)

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

15.2 Chemical safety assessment:

The mixture has been assessed for safe use and the result is documented in section 7 and 8 of the SDS
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.

Relevant phrases

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

Acute toxicity - oral

Specific target organ toxicity (repeated exposure)

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: product management

Contact:

Productmanagement

product management

Date of previous version: 13.11.2023

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Repr. 2: Reproductive toxicity – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Sources The safety data sheet of the pre-supplier served as the basis for the creation.

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