

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

Printing date 02.09.2024

Version number 7.00 (replaces version 6.00)

Revision: 02.09.2024

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

1.1 Product identifier

Trade name: **CLASSIC KOLDA UE G40®**

UFI:

N6R0-U05S-N00C-E1WE

Notified for: Germany, Czech Republic

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%

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.

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

After skin contact: Wash with soap and water.

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

First aid, decontamination, symptomatic treatment.

No specific antidote known.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Water spray, dry powder, foam

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Harmful vapours. Evolution of fumes/fog.

5.3 Advice for firefighters

Protective equipment: In case of fire: Use self-contained breathing apparatus.

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.

Mount respiratory protective device.

6.2 Environmental precautions:

Retain contaminated water/extinguishing water. Do not allow to enter drains/surface water/ground water.

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.

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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear chemically resistant gloves in combination with specific activity training. Wear suitable coveralls to prevent exposure to the skin.

Exposure estimate and reference to its source

Provide extract ventilation to points where emissions occur (LEV).

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

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.

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

Further information about storage conditions: Keep in a cool, well-ventilated place.

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.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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/d (Workers (Industrial/Professional))
	DNEL(long/systemic)	53 mg/kg bw/d (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 safety data sheet of the pre-supplier served as the basis for the creation.

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:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Do not eat, drink, smoke or sniff while working.

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

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

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

Butyl rubber, BR

Recommended thickness of the material: ≥ 0.7 mm

Nitrile rubber, NBR

Recommended material thickness: >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 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.

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Eye/face protection

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Tightly sealed goggles

EN 166

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	Pink
Odour:	After glycol
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 (1.013 hPa))
Flammability	Low flammability (derived from flash point)
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:	No decomposition if stored and handled properly.
pH at 20 °C	8 (ASTM D1287 (undiluted))
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic at 20 °C:	20–30 mm ² /s (DIN 51562)
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	0.2 hPa
Density and/or relative density	
Density at 20 °C:	1.122–1.125 g/cm ³ (DIN 51757)
Relative density	Not determined.
Vapour density	>1 g/cm ³ (geschätzt)
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	
Evaporation rate	Not determined.

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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	Hygroscopy: hygroscopic Thixotropy: not thixotropic

SECTION 10: Stability and reactivity

10.1 Reactivity

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

Corrosion to metals: No corrosive effect on metal.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid Avoid open flames.

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 Harmful if swallowed.

LD/LC50 values relevant for classification:

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

Does not have a skin sensitising effect in animal tests. Based on results from human experience, a sensitising potential cannot be completely excluded.

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

Germ cell mutagenicity

Assessment of mutagenicity:

Based on the ingredients, there is no suspicion of a mutagenic effect.

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

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Carcinogenicity

Assessment of carcinogenicity:

From the totality of the assessable information there is no evidence of a carcinogenic effect.

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

Reproductive toxicity

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

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

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.

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

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.

None of the ingredients is listed.

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
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12.3 Bioaccumulative potential

Bioaccumulative potential	Accumulation in organisms is not expected.
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12.4 Mobility in soil

Mobility in soil	Assessment Transport between environmental compartments: Volatility: The substance does not evaporate from the water surface into the atmosphere.
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12.5 Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance that meets the PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative) criteria.

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PBT: Not applicable.

vPvB: Not applicable.

12.6 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.

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.

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

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

Must be specially treated adhering to official regulations.

According to the European Waste Catalogue (EWC), waste code numbers are not product-related but application-related. The waste code number should be determined by the user based on the intended use of the product. The following waste code numbers are only intended as a recommendation.

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:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

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.

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14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Regulation: IBC Transport permitted: yes Pollutant name: Ethylene glycol (>85%)/sodium alkyl carboxylates mixture Pollution category: Z Type of vessel: 3
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.

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.

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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)

Breakdown regulations: Listed in regulation: no

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

15.2 Chemical safety assessment:

A safe use assessment has been carried out for the mixture, 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

Version number of previous version: 6.00

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.**