

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

Printing date 28.02.2025

Version number 4.00 (replaces version 3.00)

Revision: 28.02.2025

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

1.1 Product identifier

Trade name: **CLASSIC KOLDA UE G65® FG 1:1**

UFI:

AVW0-70QY-V000-3KCP

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.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Additional information:

The following methods were used for the classification of the mixture: Extrapolation to the concentration values of the hazardous substances based on test results and expert judgement. The methods used are indicated with the respective test results.

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.

Precautionary statements

P260 Do not breathe mist/vapours/spray.

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- 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.

2.3 Other hazards

Results of PBT and vPvB assessment

This mixture/product does not contain substances that meet the criteria for classification as PBT and/or vPvB substances.

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: 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	>25-≤50%
CAS: 52457-55-3 EINECS: 257-932-8	Decanedioic acid ☠ Eye Irrit. 2, H319	≥1.5-<3%
CAS: 6295-57-4 EINECS: 228-565-0 Reg.nr.: 01-2120762667-41	(2-Benzothiazolythio)acetic acid ☠ Repr. 2, H361fd; ☠ Eye Dam. 1, H318; ☠ Acute Tox. 4, H302; Aquatic Chronic 3, H412	≥0-<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.

First aiders: Pay attention to self-protection!

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

After skin contact:

After contact with skin, wash immediately with soap and water.

Consult a doctor if skin irritation persists.

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:

Rinse mouth immediately and drink 200-300 ml of water,

Seek medical treatment.

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.

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4.3 Indication of any immediate medical attention and special treatment needed

First aid, decontamination, symptomatic treatment.
No specific antidote known.

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

Hazardous substances: Harmful vapours.

Note: Development of smoke/mist. The substances/substance groups mentioned may be released in the event of a fire.

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.

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.

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**

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

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: None.

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:

In order to check the effectiveness of protective measures, e.g. ventilation or the need for respiratory protection, metrological monitoring of the workplace may be necessary. Since this requires special expertise, only accredited measuring bodies should be commissioned for this purpose. With regard to suitable methods for determining inhalation exposure, the European standards EN 482, 689 and 14042 are to be applied. In addition, TRGS 402 in Germany must be observed.

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

The data refer to the lead substance

Components with DNEL

107-21-1: ethanediol

Worker: Long-term exposure - local effects, inhalation: 35 mg/m³

Worker: Long-term exposure - systemic effects, dermal: 106 mg/kg

Consumer: Long-term exposure - local effects, inhalation: 7 mg/m³

Consumer: Long-term exposure - systemic effects, dermal: 53 mg/kg

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:

Wear suitable protective clothing.

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 release of vapours/aerosols. Particle filter with medium retention capacity for solid and liquid particles (e.g. EN 143 or 149, type P2 or FFP2).

Hand protection



Protective gloves

Wear chemical protective gloves according to EN 374

Material of gloves

Butyl rubber

Recommended material thickness: >0.7 mm

Nitrile

Recommended material thickness: >0.4 mm

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



Tightly sealed goggles

EN 166

Body protection: Chemical protective suit (e.g. according to EN 14605)

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Other

In addition to the information on personal protective equipment, it is necessary to wear closed work clothing. Do not eat, drink, smoke or snuff while working

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	Pink
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	>100 °C
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:	>120 °C (ISO 2592)
Auto-ignition temperature:	>200 °C (DIN 51794)
Decomposition temperature:	Not determined.
pH at 20 °C	8 (ASTM D1287)
Viscosity:	
Dynamic:	Not determined.
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	1.067 g/cm ³
Relative 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:	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

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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	Does not have a corrosive effect on metal.
Desensitised explosives	Void
Metals that are corroded by the substance or mixture	Does not have a corrosive effect on metal.
Additional information	Hygroscopicity: not hygroscopic

SECTION 10: Stability and reactivity

10.1 Reactivity Corrosion to metals: No corrosive effect on metal.

10.2 Chemical stability

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

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

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid Avoid open flames.

10.5 Incompatible materials: Strong oxidizing substances. Strong acids. Strong bases.

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.

Primary irritant effect:

Skin corrosion/irritation

Assessment Irritant effect:

Not irritating to eyes and skin.

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

Respiratory or skin sensitisation

Assessment Sensitisation:

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

Germ cell mutagenicity

Assessment of mutagenicity:

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

Carcinogenicity

Assessment of carcinogenicity:

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

Reproductive toxicity

Assessment of reproductive toxicity:

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

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.

Aspiration hazard No aspiration risk to be assumed.

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Other information (about experimental toxicology):

Information on: ethanediol

Assessment of teratogenicity:

Developmental toxicity was observed after oral ingestion of high doses in studies with rats and mice, but this effect was not seen in a study with rabbits. Mechanistic studies show that the rabbit is the relevant species for the classification for human health. As such, and since ethylene glycol is not a developmental toxicant in the rabbit, no classification is warranted.

Additional toxicological information:

Interactive effects No data available

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.

EC50	>100 mg/L /72 h (algae)
	>100 mg/L /48 h (Daphnia magna)
LC50	>100 mg/L /96 h (Fish)

12.2 Persistence and degradability

Assessment of biodegradation and elimination (H₂O):

In suitable wastewater treatment plants, extensive elimination from the water takes place by biodegradation, stripping, mechanical separation.

Information on: 1,2-ethanediol

Elimination data:

83 - 96 % (14 d) Readily biodegradable.

90 - 100 % (10 d) (OECD 301 A (new version)) (aerobic, activated sludge) Readily biodegradable (according to OECD criteria).

> 69 % (28 d) Biodegradable.

> 70 % (28 d) (OECD 301 A (new version)) Readily biodegradable (according to OECD criteria).

Literature reference.

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

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.

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.

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12.7 Other adverse effects

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

Other information:

Other ecotoxicological information:

Do not allow product to reach water bodies without pre-treatment.

The product has not been tested. The statements on ecotoxicology were 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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Must be specially treated adhering to official regulations.

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.

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

It is not the intention to carry out bulk transport.

UN "Model Regulation":

not regulated

EU

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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.

Precautionary statements

P260 Do not breathe 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 Not subject to 2012/18/EU (SEVESO III)

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)

Technical instructions (air):

Germany:

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

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

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.

Relevant phrases

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H361d Suspected of damaging the unborn child.

H361fd Suspected of damaging fertility. 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.

H412 Harmful 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: product management

Date of previous version: 11.10.2024

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

Acute Tox. 4: Acute toxicity – Category 4

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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

Repr. 2: Reproductive toxicity – 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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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