

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.08.2022

Version number 6.00 (replaces version 5.00)

Revision: 08.08.2022

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

#### 1.1 Product identifier

Trade name: **CLASSIC KOLDA UE G40**

#### 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.

P314 Get medical advice/attention if you feel unwell.

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

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### 2.3 Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Description:

contains: ethanediol

Inhibitors

#### Dangerous components:

|   |  |            |
|---|--|------------|
| CAS: 107-21-1<br>EINECS: 203-473-3<br>Reg.nr.: 01-2119456816-28   | Ethanediol<br>☠ STOT RE 2, H373; ☠ Acute Tox. 4, H302  | ≥75-≤100%  |
| CAS: 17265-14-4<br>EINECS: 241-300-3<br>Reg.nr.: 01-2120762063-61 | Disodium sebacate<br>☠ Eye Irrit. 2, H319  | ≥3-≤5%     |
| CAS: 64665-57-2<br>EINECS: 265-004-9<br>Reg.nr.: 01-2119980062-42 | sodium 4(or 5)-methyl-1H-benzotriazolide<br>☠ 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.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**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

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:

Water spray, dry powder, foam

Use fire extinguishing methods suitable to surrounding conditions.

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

### 5.3 Advice for firefighters

**Protective equipment:** Mouth respiratory protective device.

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**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:**

Dilute with plenty of water.  
Do not allow to enter sewers/ surface or 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 item 13.

Ensure adequate ventilation.

**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).  
Prevent formation of aerosols.

**Information about fire - and explosion protection:**

Protect against electrostatic charges.  
Keep respiratory protective device available.

**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)** 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.

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### DNELs

#### CAS: 107-21-1 Ethanediol

|            |                     |   |
|------------|---------------------|---|
| Dermal     | DNEL(long/systemic) | 106 mg/kg bw/day<br>(Workers (Industrial/Professional)) |
|            | DNEL(long/systemic) | 53 mg/kg bw/day /(Consumer<br>consumer                  |
| Inhalative | DNEL(long/local)    | 7 mg/m3 /(Consumer)                                     |
|            | DNEL(long/local)    | 35 mg/m3<br>(Workers (Industrial/Professional))         |

**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 item 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:  $\geq 0.7$  mm

Nitrile rubber, NBR

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



Tightly sealed goggles

EN 166

**Body protection:** Wear suitable protective clothing.

EU

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### 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:                            | <-18 °C (DIN ISO 3016)                    |
| Boiling point or initial boiling point and boiling range | >160 °C (ASTM D1120 (1.013 hPa))          |
| Flammability   | Not applicable.                           |
| Lower and upper explosion limit                          |   |
| Lower:   | Not determined.                           |
| Upper:   | Not determined.                           |
| Flash point:   | >124 °C (ISO 2719)                        |
| Ignition temperature:                                    | 420 °C (DIN 51794)                        |
| Decomposition temperature:                               | Not determined.                           |
| pH at 20 °C  | 8 (ASTM D1287 (undiluted))                |
| Viscosity:   |   |
| Kinematic viscosity                                      | Not determined.                           |
| Dynamic at 20 °C:  | 20–30 mm <sup>2</sup> /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 <sup>3</sup> (DIN 51757) |
| Relative density   | Not determined.                           |
| Vapour density   | Not determined.                           |

#### 9.2 Other information

|   |   |
|---|---|
| Appearance:   |   |
| Form:   | Fluid   |
| Important information on protection of health and environment, and on safety. |   |
| Auto-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 |

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|                                |      |
|--------------------------------|------|
| <b>Organic peroxides</b>       | Void |
| <b>Corrosive to metals</b>     | Void |
| <b>Desensitised explosives</b> | 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:** 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) |
|------|-----------|----------------------|

**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.

**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.

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.

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

**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability**

|                               |  |
|-------------------------------|--|
| Persistence and degradability | >70 % ((28d) (OECD 301 A))<br>DOC acceptance<br>Easily biodegradable |
|-------------------------------|--|

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### 12.3 Bioaccumulative potential

|                           |  |
|---------------------------|--|
| Bioaccumulative potential | Accumulation in organisms is not expected. |
|---------------------------|--|

### 12.4 Mobility in soil

|                  |  |
|------------------|--|
| Mobility in soil | Assessment Transport between environmental compartments:<br>Volatility: The substance does not evaporate from the water surface into the atmosphere. |
|------------------|--|

### 12.5 Results of PBT and vPvB assessment

**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

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.

#### 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:** 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<br>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.

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### 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

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

#### 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:

Breakdown regulations: Listed in regulation: no

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.

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.

Department issuing SDS: product management

Date of previous version: 04.08.2021

Version number of previous version: 5.00

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**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)

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.**