

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

Printing date 11.07.2025

Version number 2.00 (replaces version 1.00)

Revision: 11.07.2025

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

#### 1.1 Product identifier

Trade name: **CLASSIC KOLDA EBF 11 FG 1:1**

#### UFI:

F301-D0P9-T00V-9FHC

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.

P264 Wash thoroughly after handling.

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

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

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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 contains no substances assessed as PBT or vPvB in a concentration  $\geq 0.1\%$ .

**PBT:** Not applicable.

**vPvB:** Not applicable.

#### Determination of endocrine-disrupting properties

This product does not contain substances with endocrine disrupting properties in a concentration of  $\geq 0.1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

CAS: 107-21-1	Ethanediol	⚠ STOT RE 2, H373; ⚠ Acute Tox. 4, H302	40-52%
EINECS: 203-473-3			
Reg.nr.: 01-2119456816-28			

**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:

Take affected persons out of danger area and lay down.

In case of irregular breathing or respiratory arrest provide artificial respiration.

**After inhalation:** Supply fresh air.

**After skin contact:** Generally the product does not irritate the skin.

#### After eye contact:

Rinse eye with plenty of water.

Remove any contact lenses if possible. Continue rinsing.

Consult a doctor if irritation persists.

#### After swallowing:

Rinse mouth and drink plenty of water. Do not induce vomiting. If symptoms persist, seek medical advice.

### 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

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

### 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide

Nitrogen oxides (NO<sub>x</sub>)

During heating or in case of fire poisonous gases are produced.

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### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.

#### Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective clothing.

### 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:

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

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

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

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage:**

**Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

**Information about storage in one common storage facility:** Store away from oxidising agents.

**Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

**Storage class:** 10-13

**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:**

**CAS: 107-21-1 Ethanediol**

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

#### DNELs

**CAS: 107-21-1 Ethanediol**

Dermal	DNEL(long/systemic)	106 mg/kg bw/d (worker)
	DNEL(long/systemic)	53 mg/kg bw/d (Consumer)
Inhalative	DNEL(long/local)	7 mg/m <sup>3</sup> (Consumer)
	DNEL(long/local)	35 mg/m <sup>3</sup> (worker)

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### PNECs

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

PNEC(aqua)	10 mg/L (Freshwater)
PNEC(aqua)	1 mg/L (Seawater)
PNEC(aqua)	10 mg/L (Sporadic release)
PNEC(STP)	199.5 mg/L (Wastewater treatment plant)
PNEC (sediment)	37 mg/kg sedi. dw (Freshwater sediment)
PNEC (sediment)	3.7 mg/kg sedi. dw (Seawater sediment)
PNEC (ground)	1.53 mg/kg soil dw (Soil)

#### 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 eat, drink, smoke or sniff while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

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

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Hand protection**

Only use chemical-protective gloves with CE-labelling of category III.



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection**



Tightly sealed goggles

**Body protection:** Protective work clothing

**Environmental exposure controls** There are no data available.

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

Physical state	Liquid
Colour:	Blue
Odour:	Odourless
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	Undetermined.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable.
Decomposition temperature:	Not determined.
pH	8.4
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	107-21-1 ethanediol -1.36 log Pow
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	1.063 g/cm <sup>3</sup>
Relative density	Not determined.
Vapour 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.
Molecular weight	Not applicable.
Change in condition	
Drip point:	
Oxidising properties	no
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

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<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<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 further relevant information available.

**10.2 Chemical stability**

**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** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**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:**

**CAS: 107-21-1 Ethanediol**

Oral	LD50 oral	500 mg/kg ATE
Dermal	LD50 dermal	>3,500 mg/kg (Mouse) (derived from developmental toxicity study)

**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.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

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

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

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**

This product does not contain any substance (> 0.1%) with endocrine disrupting properties towards non-target organisms, as no ingredient fulfils the criteria.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Aquatic toxicity:

**CAS: 107-21-1 Ethanediol**

NOEC	8,590 mg/L (Daphnia magna) ((EPA 600/4-89/001)) semi-static 15,380 mg/L /7 d (Fish)
EC20	>1.995 mg/L /(0.5h) (Bacteria) ((ISO 8192, activated sludge)) (static) Read-across to CAS 111-46-6
EC50	6,500–13,000 mg/L (algae) ((EPA 600/9-78-018)) (96h)
LC50	72,860 mg/L /(96h) (Fish) (EPA 600/4-90/027, Pimephales promelas)
EC 50	>100 mg/L /(48h) (Daphnia magna) (OECD 202) (static)

**12.2 Persistence and degradability** No further relevant information available.

#### 12.3 Bioaccumulative potential

**CAS: 107-21-1 Ethanediol**

Partition coefficient n-octanol/water | - 1.36

**12.4 Mobility in soil** No further relevant information available.

#### 12.5 Results of PBT and vPvB assessment

This substance/mixture does not contain components classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**PBT:** Not applicable.

**vPvB:** Not applicable.

#### 12.6 Endocrine disrupting properties

The substance/mixture does not contain any components that exhibit endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

#### 12.7 Other adverse effects

**Additional ecological information:**

**General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Recommendation** Must be specially treated adhering to official regulations.

##### European waste catalogue

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.

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### 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.

**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.

P264 Wash thoroughly after handling.

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** The product is not subject to Annex I, Part 1 or 2.

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

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**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:**

**Waterhazard class:** Water hazard class 2 (Self-assessment): 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.

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

**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

**Date of previous version:** 28.11.2023

**Version number of previous version:** 1.00

**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

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