

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

Printing date 04.03.2026

Version number 6.00 (replaces version 5.00)

Revision: 20.02.2026

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

1.1 Product identifier

Trade name: **CLASSIC MEDUNA UM 15W-40**

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 Engine, transmission and lubricating oil.

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

GERMANY

Phone: +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

The product is not classified, according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Additional information:

EUH208 Contains: maleic anhydride. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3 Other hazards

Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be 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

Determination of endocrine-disrupting properties

The substance/mixture does not contain components with 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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

Reg.nr.: 01-2119484627-25	Mineral Oil - mixture	≥1-<10%
01-2119471299-27	Asp. Tox. 1, H304	
01-2119487077-29		
01-2119480132-48		

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EC number: 947-519-7 Reg.nr.: 01-2120765489-36	Reaction products of benzenesulfonic acid, mono-C20-24 (even)- sec-alkylderivs. para-, calcium salts ⚠ Skin Sens. 1B, H317 Specific concentration limit: Skin Sens. 1B; H317: C ≥ 10 %	≥0.1-<1%
CAS: 108-31-6 EINECS: 203-571-6 Reg.nr.: 01-2119472428-31	maleic anhydride ⚠ Resp. Sens. 1, H334; STOT RE 1, H372; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	<0.001%

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: Do not leave affected persons unattended.

After inhalation:

 In case of unconsciousness place patient stably in side position for transportation.
 Seek medical treatment in case of complaints.

After skin contact:

 Wash skin with plenty of water.
 Take off immediately all contaminated clothing.
 Consult a doctor if skin irritation persists.

After eye contact:

 Rinse opened eye for several minutes under running water.
 Remove any existing contact lenses if possible.
 Protect unharmed eye.
 If irritation, blurred vision or swelling persists, seek medical advice from a specialist.

After swallowing:

 Keep airways clear.
 Do not give milk or alcoholic drinks.
 Never give anything by mouth to an unconscious person
 If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms caused by an allergic reaction may occur immediately or be delayed for several hours after exposure.

4.3 Indication of any immediate medical attention and special treatment needed

 First aid, decontamination, symptomatic treatment.
 No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

 Water spray, alcohol-resistant foam, extinguishing powder, carbon dioxide (CO₂)
 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

 Hazardous combustion products: Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

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

Additional information

 Collect contaminated fire fighting water separately. It must not enter the sewage system.
 Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal protective equipment: see section 8

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Placing in appropriate containers for disposal.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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

Do not inhale gas/fume/vapour/aerosol.

Avoid contact with eyes and skin.

Wear personal protective equipment.

Do not eat, drink, or smoke at work

Information about fire - and explosion protection: Usual measures of preventive fire protection

Handling:

Advice on general hygiene measures at the workplace:

Remove contaminated clothing. Wash hands before breaks and at the end of work. Do not eat, drink, smoke or sniff at the workplace.

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:

Electrical installations/equipment must comply with the state of the art in safety technology.

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:

Further information: A risk of fruit damage need not be feared if the occupational exposure limit value and the biological limit value (BGW) are observed

PNECs

CAS: 108-31-6 maleic anhydride

PNEC	44.6 mg/L (Wastewater treatment plant)
	0.00428 mg/L (Seawater)
	0.04281 mg/L (Freshwater)
PNEC	0.0415 mg/Kg (Soil)
	0.0334 mg/Kg (Seawater sediment)
	0.334 mg/Kg (Freshwater sediment)

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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: Wash hands before breaks and at the end of work.

Respiratory protection: Not necessary if room is well-ventilated.

Hand protection

Wear chemical protective gloves according to EN 374

It is recommended to check the chemical resistance of the above mentioned protective gloves for specific applications with the glove manufacturer.

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

Neoprene

Nitrile rubber, NBR

Recommended thickness:> 0.35 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

≥240 min.

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 Goggles recommended during refilling

Body protection:

Impervious protective clothing

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Liquid
Colour:	Amber coloured
Odour:	Mineral-oil-like
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:	236 °C (COC)
Decomposition temperature:	Not determined
pH	Not determined
Viscosity:	
Kinematic viscosity at 40 °C	113 mm ² /s
Dynamic at -20 °C:	<6800 mPas

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Solubility

water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density	
Density at 15.6 °C:	0.879 g/cm ³
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.
Change in condition	
Drip point:	
Pour point	<-33 °C
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

SECTION 10: Stability and reactivity

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

10.2 Chemical stability Stable under normal use conditions.

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 There are no known conditions specifically to be avoided.

10.5 Incompatible materials:

Amines
metals
Strong alkalis
Strong oxidising agents
water

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

LD/LC50 values relevant for classification:

CAS: 108-31-6 maleic anhydride

Oral	LD50 oral	1,090 mg/kg (Rat)
Dermal	LD50 dermal	2,620 mg/kg (rabbit)
Inhalative	LC50	>4.35 mg/L /1h (Rat)

Primary irritant effect:

Skin corrosion/irritation

Maleic anhydride: Corrosive after 3 minutes to 1 hour of exposure
Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Maleic anhydride: Corrosive
Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Maleic anhydride:
The product is a skin sensitising substance.
May cause sensitisation by inhalation.

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

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

Carcinogenicity

All ingredients included in this product and listed in Annex VI to which Note L applies have been shown to contain less than 3 % extractable DMSO substances according to IP346.
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 Based on available data, the classification criteria are not met.

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

Additional toxicological information:

CAS: 108-31-6 maleic anhydride

Oral	NOAEL	40–100 mg/kg (Rat)
	LOAEL	32–100 mg/kg (Rat)
	ATE	1,090 mg/kg (Calculated)
Inhalative	NOAEL	0.0098 mg/l /132-136 (Monkey)
		0.0098 mg/l /132-136 (Hamster)
		0.0033 mg/l /132-136 (Rat)
	LOAEL	0.0011 mg/l /132-136 (Monkey)
		0.0011 mg/l /132-136 (Hamster)
		0.0011–0.0098 mg/l /1 (Rat)

11.2 Information on other hazards

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.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute aquatic toxicity: Not classified

Chronic aquatic toxicity: Not classified

Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkylderivs. para-, calcium salts

EC50	1,000 mg/L /3 d (algae)
	>1,000 mg/L /2 d (Daphnia magna)
LC50	>100 mg/L /4 d (Fish)

CAS: 108-31-6 maleic anhydride

NOEC	10 mg/L /21 d (Daphnia magna)
EC50	74 mg/L /72 h (algae)
	43 mg/L /48 h (Daphnia magna)
LC50	75–230 mg/L /96 h (Fish)
EC10	12 mg/L /72 h (algae)

12.2 Persistence and degradability

Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkylderivs. para-, calcium salts

Persistence and degradability	8 % / (28d) (OECD Guideline 301 D) Not readily biodegradable (according to OECD criteria).
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CAS: 108-31-6 maleic anhydride

Biological degradation	81 % /28 d (Activated sludge organisms) (OECD Guideline 301 E)
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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

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: No data available

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.

Delivery of waste oil to officially authorised collectors only.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Waste disposal key:

The assignment of waste code numbers/waste designations must be carried out in accordance with the EWC in a sector- and process-specific manner.

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European waste catalogue

13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils

Uncleaned packaging:

Recommendation: 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

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 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

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 (EU) 2019/1021 on persistent organic pollutants (POP) No ingredient is listed.

LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV) None of the components are listed.

REGULATION (EC) No 1907/2006 ANNEX XVII

Phenol, dodecyl, branched: 30

Conditions of restriction: 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.

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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.

REGULATION (EU) 2024/590 on substances that deplete the ozone layer Not applicable.

National regulations:

Technical instructions (air):

For Germany:

5.2.1: Total dust: Not applicable

5.2.2: Dusty inorganic substances: Not applicable

5.2.4: Gaseous inorganic substances: Not applicable

5.2.5: Organic substances:

Class 1: 1,2 % maleic anhydride, phosphorodithionic acid, mixed O,O-bis(1,3-dimethylbutyl and isopropyl) esters, zinc salts, distillates (petroleum), hydrotreated light naphthenic; Baseoil - unspecified, 2,6-di-tertbutylphenol

5.2.7.1.1: Carcinogenic substances: Not applicable

5.2.7.1.1: Particulate matter PM4: Not applicable

5.2.7.1.1: Formaldehyde: Not applicable

5.2.7.1.1: Fibres: Not applicable

5.2.7.1.2: Germ cell mutagenic substances: Not applicable

5.2.7.1.3: Reproductive toxicants: Not applicable

5.2.7.2: Poorly degradable, easily accumulating and highly toxic organic substances: Not applicable

Waterhazard class:

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

(according to AwSV, Germany)

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients are included.

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.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

EUH071 Corrosive to the respiratory tract.

Department issuing SDS: product management

Contact: product management

Date of previous version: 28.11.2025

Version number of previous version: 5.00

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

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CAS: Chemical Abstracts Service (division of the American Chemical Society)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

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

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

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Skin Sens. 1B: Skin sensitisation – Category 1B

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

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

EU