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

Printing date 11.03.2026 Version number 5.00 (replaces version 4.00) Revision: 11.03.2026

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

1.1 Product identifier
Trade name: CLASSIC MEDUNA PV 0W-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 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)

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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 Void
Signal word Void
Hazard statements
H412 Harmful to aquatic life with long lasting effects.
Precautionary statements
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
Additional information:
EUH208 Contains: Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., Calcium salts. May produce an allergic reaction.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable

Determination of endocrine-disrupting properties		
CAS: 121158-58-5	phenol, dodecyl-, branched	List II

*
SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 64742-54-7 EINECS: 265-157-1 Reg.nr.: 01-2119484627-25	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified Asp. Tox. 1, H304	44-≤85%
CAS: 722503-68-6 EC number: 682-816-2 Reg.nr.: ausgenommen/excepted	Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., Calcium salts Skin Sens. 1B, H317	0-<0.5%

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CAS: 121158-58-5 EC number: 310-154-3 Reg.nr.: 01-2119513207-49	phenol, dodecyl-, branched Repr. 1B, H360F; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10)	0-<0.15%

SVHC	
CAS: 121158-58-5	phenol, dodecyl-, branched

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: In case of accident or unwellness, seek medical advice immediately.
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Consult a doctor in case of complaints.
After eye contact:
Rinse opened eye for several minutes under running water.
Seek medical treatment.
After swallowing:
Rinse mouth thoroughly with water. Consult a doctor if symptoms occur. Rinse out mouth. If you feel unwell, seek medical advice/attention. Drink 1 glass of water in small sips (diluting effect).
Information for doctor: First aider: Pay attention to self-protection!
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.
Observe risk of aspiration if vomiting occurs.

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SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:
Use water spray to protect persons and to cool containers in the danger zone
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
Formation of toxic gases is possible during heating or in case of fire.
Formation of flammable vapours is possible at temperatures above: Flash point Flammable
Hazardous combustion products
Carbon monoxide (CO), Carbon dioxide (CO2), Nitrogen oxides (NOx)
5.3 Advice for firefighters
In case of fire: Wear self-contained breathing apparatus and chemical protective clothing.
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.
Additional information
Do not inhale explosion and combustion gases. Move undamaged containers from immediate hazard area if it can be done safely. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing.

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Particular danger of slipping on leaked/spilled product.
Remove persons from danger area.
For emergency responders Personal protection

6.2 Environmental precautions:
Do not allow to enter into soil/subsoil. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up:
For containment:
Suitable material for taking up: Sand, Kieselguhr, Universal binder, Chemical binding agents, containing acids.
For cleaning up:
Remove from the water surface (e.g. skimming, sucking). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
Dispose of the material collected according to regulations.
Clean up spills immediately. Use suitable container to avoid contamination of the environment.

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
Personal protective equipment: see section 8 Do not eat, drink, smoke or sniff at the workplace. Wash hands before breaks and at the end of work. Do not carry any product-soaked cleaning rags in your trouser pockets. Clean up spills immediately. To avoid environmental contamination use a proper container. Wear personal protective equipment (see Section 8).
Information about fire - and explosion protection:
No special measures required.
Protect against electrostatic charges.
Keep ignition sources away - Do not smoke.

Handling:
Minimum standards for protective measures when handling working substances are listed in TRGS 500.
Do not eat, drink, smoke or snuff at the workplace.
Avoid contact with skin, eyes and clothing.

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.
Suitable container/equipment material: Floors should be impervious, resistant to liquids and easy to clean. Shafts and sewers must be protected from entry of the product. Keep/Store only in original container.
Information about storage in one common storage facility: Not required
Further information about storage conditions: Store in a cool dry place. Keep away from heat.
Storage class: 10 (TRGS 510)

7.3 Specific end use(s) No further relevant information available.

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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: 121158-58-5 phenol, dodecyl-, branched		
Dermal	DNEL(long/systemic)	0.25 mg/kg bw/d (worker)
	DNEL acute dermal, systemic	166 mg/kg (worker)
Inhalative	DNEL inhalative, short-term, systemic, (acute)	44.18 mg/m³ (worker) acute
CAS: 68784-31-6 Phosphorodithionic acid, mixed O,O-bis(sec-butyl and 1,3-dimethylbutyl) esters, zinc salts		
Inhalative	DNEL, long-term, inhalation, systemic	2.93 mg/m³ (worker)

PNECs	
CAS: 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	
PNEC Secondary poisoning	9.33 mg/kg /KG/d
CAS: 121158-58-5 phenol, dodecyl-, branched	
PNEC aquatic, fresh water	0.074 µg/l
PNEC water bodies, sea water	0.0074 µg/l
PNEC Wastewater treatment plant	100 mg/l
PNEC (freshwater sediment)	0.226 mg/kg
PNEC (Seawater sediment)	0.0266 mg/kg
PNEC Waters, periodic release	0.37 µg/l
CAS: 68784-31-6 Phosphorodithionic acid, mixed O,O-bis(sec-butyl and 1,3-dimethylbutyl) esters, zinc salts	
PNEC aquatic, fresh water	4 µg/l
PNEC water bodies, sea water	4.6 µg/l

Additional information:
Mineral oil mist, limit values: US-OSHA PEL - value 5 mg/m³, ACGIH-STEL - value 10 mg/m³
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: Usually no personal respirative protection necessary.
Hand protection

Protective gloves

Wear chemical protective gloves according to EN 374
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
Suitable material: NBR (nitrile rubber), PVC (polyvinyl chloride), CR (polychloroprene, chloroprene rubber)
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
>480min

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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

During transfer: Eye glasses with side protection

Wear eye/face protection. DIN EN 166.

Body protection: Protective work clothing

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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:	Yellow-brown
Odour:	Not determined
Odour threshold:	Not determined
Melting point/freezing point:	-48 °C
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:	228 °C
Decomposition temperature:	Not determined
pH	Not determined
Viscosity:	
Kinematic viscosity at 40 °C	74 mm²/s
Dynamic:	Not determined
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 °C:	0.845 g/cm³
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:	Not determined
Explosive properties:	Not determined
Solvent content:	
VOC (EC)	0.00 %
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

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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

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SECTION 10: Stability and reactivity

10.1 Reactivity No known hazardous reactions. Combustible.
10.2 Chemical stability
Thermal decomposition / conditions to be avoided:
The mixture is chemically stable under recommended conditions of storage, use and temperature.
10.3 Possibility of hazardous reactions
No hazardous reaction when handled and stored according to provisions.
10.4 Conditions to avoid Do not overheat to avoid decomposition by heat.
10.5 Incompatible materials: Materials to avoid: Acid, Oxidising agent, Reducing agent.
10.6 Hazardous decomposition products:
Hazardous combustion products: Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx) Gases/ vapours, toxic

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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: 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified		
Oral	LD50 oral	5,000 mg/kg (Rat) (OECD Guideline 401)
Dermal	LD50 dermal	5,000 mg/kg (rabbit) (OECD Guideline 402)
Inhalative	LC50/4h	5.53 mg/l (Rat) ((OECD Guideline 403, inhalation:vapour))
CAS: 121158-58-5 phenol, dodecyl-, branched		
Oral	LD50 oral	2,100–2,200 mg/kg (Rat)
Dermal	LD50 dermal	15,000 mg/kg (rabbit)

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
Contains benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivatives, calcium salts. May cause allergic reactions.
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 Based on available data, the classification criteria are not met.

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

Additional toxicological information:		
CAS: 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified		
Oral	ATE	5,000 mg/kg (Calculated)
Dermal	ATE	5,000 mg/kg (Calculated)
Inhalative	ATE Dust/Mist	5.53 mg/L (Calculated)
CAS: 121158-58-5 phenol, dodecyl-, branched		
Oral	ATE	2,100–2,200 mg/kg

11.2 Information on other hazards

Endocrine disrupting properties		
CAS: 121158-58-5	phenol, dodecyl-, branched	List II

*
SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity:
Harmful to aquatic life with long lasting effects.

CAS: 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	
NOEC	≥100 mg/L /(3d) (algae)
NOEC	100 mg/l /(3d) (algae)
	100 mg/l /(4d) (Fish)
EC50	10,000 mg/L /(2d) (crustaceans)
LC50	100 mg/L /(4d) (Fish)
	10,000 mg/L /(4d) (crustaceans)
CAS: 121158-58-5 phenol, dodecyl-, branched	
NOEC	≥0.07 mg/L /(3d) (algae)
LC50	≥40 mg/L /48 h (Fish)
	≥0.58 mg/L /4 d (crustaceans)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential	
CAS: 121158-58-5 phenol, dodecyl-, branched	
Bioaccumulative potential	7.14 /Log KOW

12.4 Mobility in soil No further relevant information available.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable
12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
12.7 Other adverse effects
Remark: Harmful to fish
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.
Harmful to aquatic organisms

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SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation Dispose of waste according to applicable legislation.

European waste catalogue	
HP14	Ecotoxic

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
The product is classified and labelled according to the CLP regulation.
Hazard pictograms Void
Signal word Void
Hazard statements
H412 Harmful to aquatic life with long lasting effects.
Precautionary statements
P273 Avoid release to the environment.
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
2012/18/EU (Seveso III)
Hazardous substance/hazard categories: Not assigned
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:

Breakdown regulations:
For Germany
For substances contained in the product:
E2 Harmful to the aquatic environment, category Chronic 2

Technical instructions (air):
For Germany
Remark:
To be noted: 5.2.5.

Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

Other regulations, limitations and prohibitive regulations
For Germany:
Technical rules for hazardous substances
TRGS 510
Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.
For Germany:
Regulations of the German Social Accident Insurance Institutions (DGUV regulations):
Information from the Employer's Liability Insurance Association (DGUV Information) 868
Rules of the Employer's Liability Insurance Association (DGUV Rules) 189, 190, 192, 195
For Germany:
Altöl-Verordnung (AltölV)

Substances of very high concern (SVHC) according to REACH, Article 57	
CAS: 121158-58-5	phenol, dodecyl-, branched

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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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
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.
H360F May damage fertility.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

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Classification according to Regulation (EC) No 1272/2008	
Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	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: 4.00
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)
VOC: Volatile Organic Compounds (USA, EU)
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
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1B: Skin sensitisation – Category 1B
Repr. 1B: Reproductive toxicity – Category 1B
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
*** Data compared to the previous version altered.**