

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

Printing date 12.12.2025

Version number 4.00 (replaces version 3.00)

Revision: 12.12.2025

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

1.1 Product identifier

Trade name: **CLASSIC MEDUNA PT 5W-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)

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:

EUH210 Safety data sheet available on request.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties No ingredient is listed.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 148520-84-7 EC number: 800-941-4 Reg.nr.: Polymer	Benzene, mono-C10-13-alkyl derivatives, fractionation bottoms, heavy ends, sulphonated calcium salts ⚠ Skin Sens. 1B, H317 Specific concentration limit: Skin Sens. 1B; H317: C ≥ 10 %	0-<0.61%
CAS: 70024-69-0 EINECS: 274-263-7 Reg.nr.: 01-2119492616-28	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts ⚠ Skin Sens. 1B, H317 Specific concentration limit: Skin Sens. 1B; H317: C ≥ 10 %	0-<0.19%
EC number: 701-251-5 Reg.nr.: 01-2119524004-56	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased ⚠ Repr. 1B, H360; Aquatic Chronic 4, H413	0-<0.19%

Additional information: For the wording of the listed hazard phrases refer to section 16.

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

Printing date 12.12.2025

Version number 4.00 (replaces version 3.00)

Revision: 12.12.2025

Trade name: **CLASSIC MEDUNA PT 5W-40**

(Contd. of page 1)

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended.

First aiders: Pay attention to self-protection!

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

After skin contact: Consult a doctor in case of complaints.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

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).

4.2 Most important symptoms and effects, both acute and delayed No known symptoms to date.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

Observe risk of aspiration if vomiting occurs.

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

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, Carbon dioxide (CO₂), Nitrogen oxides (NO_x),

During heating or in case of fire, toxic gases is possible. In case of fire: Gases/vapours, toxic.

5.3 Advice for firefighters

Protective equipment:

In case of fire: Wear self-contained breathing apparatus. Protective clothing. Wear a self-contained breathing apparatus and chemical protective clothing.

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:

Use personal protection equipment. Special danger of slipping by leaking/spilling product. Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

Emergency procedures:

Remove persons to safety.

Avoid breathing dust/fume/gas/mist/vapours/spray.

For emergency responders

Personal protection

(Contd. on page 3)

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

Printing date 12.12.2025

Version number 4.00 (replaces version 3.00)

Revision: 12.12.2025

Trade name: CLASSIC MEDUNA PT 5W-40

(Contd. of page 2)

See section 8 for suitable protective equipment and material specifications.

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).

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

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Do not put any product-impregnated cleaning rags into your trouser pockets. Clear spills immediately. Use appropriate container to avoid environmental contamination. Wear personal protection equipment.

Protective and hygienic measures: See section 8.

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

Handling:

Do not eat, drink or smoke at work.

Avoid contact with eyes and skin.

Minimum standards for protective measures when handling working substances are listed in TRGS 500.

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

7.3 Specific end use(s) Observe the technical data sheet

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Oil vapors and oil mist

Long-term value 5mg/m³

Short-term value 10mg/m³

DNELs

CAS: 26566-95-0 Zinkbis[O-(2-ethylhexyl)]bis[O-(isobutyl)]bis(dithiophosphat)

Inhalative	DNEL, long-term, inhalation, systemic	6.6 mg/m ³ (employee)
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CAS: 471-34-1 calcium carbonate

Inhalative	DNEL, long-term, inhalation, systemic	6.36 mg/m ³ (worker)
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(Contd. on page 4)

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

Printing date 12.12.2025

Version number 4.00 (replaces version 3.00)

Revision: 12.12.2025

Trade name: **CLASSIC MEDUNA PT 5W-40**

(Contd. of page 3)

CAS: 70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts		
Dermal	DNEL, long-term, dermal, systemic	3.33 mg/kg KG/d (worker)
Inhalative	DNEL, long-term, inhalation, systemic	11.75 mg/m ³ (worker)
CAS: 68442-22-8 Phosphorodithionic acid, mixed O, O-bis (2-ethylhexyl and isobutyl) esters, zinc salts		
Dermal	DNEL worker	11.4 mg/kg/d (long-term, systemic)
Inhalative	DNEL (worker)	8.05 mg/m ³ (long-term, systemic)
PNECs		
CAS: 64741-88-4 Distillates (petroleum), solvent-refined heavy paraffinic		
PNEC	9.33 mg/Kg (Intoxication secondaire)	
CAS: 471-34-1 calcium carbonate		
PNEC	100 mg/L (Wastewater treatment plant)	
CAS: 70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts		
PNEC (Freshwater)	1 mg/l	
PNEC (Seawater)	1 mg/l	
PNEC Wastewater treatment plant	1,000 mg/l	
PNEC Secondary poisoning	16.667 mg/kg	
PNEC aquatic environment, intermittent release	10 mg/l	
CAS: 68442-22-8 Phosphorodithionic acid, mixed O, O-bis (2-ethylhexyl and isobutyl) esters, zinc salts		
PNEC aquatic, fresh water	4 µg/l	
PNEC water bodies, sea water	4.6 µg/l	
PNEC Wastewater treatment plant	100 mg/l	
PNEC (freshwater sediment)	0.04508 mg/kg	
PNEC (Seawater sediment)	0.00451 mg/kg	
PNEC (ground)	0.00676 mg/kg	
PNEC Secondary poisoning	10.67 mg/kg	
PNEC Waters, periodic release	45 µg/l	
CAS: 64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic		
PNEC Secondary poisoning	9.33 mg/kg	

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:

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

Respiratory protection: Usually no personal respiratory protection necessary.

Hand protection

The design of chemical protective gloves must be selected specifically for the workplace, depending on the concentration and quantity of hazardous substances.

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

Protective gloves according to EN 374.

If gloves are to be reused, clean them before taking them off and store them in a well-ventilated place.

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.

(Contd. on page 5)

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

Printing date 12.12.2025

Version number 4.00 (replaces version 3.00)

Revision: 12.12.2025

Trade name: CLASSIC MEDUNA PT 5W-40

(Contd. of page 4)

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

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

Environmental exposure controls See section 7 No further measures are required.

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:	-42 °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:	232 °C
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity at 40 °C	80 mm ² /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:	0.858 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.

(Contd. on page 6)

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

Printing date 12.12.2025

Version number 4.00 (replaces version 3.00)

Revision: 12.12.2025

Trade name: **CLASSIC MEDUNA PT 5W-40**

(Contd. of page 5)

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
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

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: Acids, oxidising agents, reducing agents

10.6 Hazardous decomposition products:

Hazardous combustion products: Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx) Gases/ vapours, toxic

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: 70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts

Oral	LD50 oral	>5,000 mg/kg (Rat)
Dermal	LD50 dermal	>2,000 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 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.

(Contd. on page 7)

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

Printing date 12.12.2025

Version number 4.00 (replaces version 3.00)

Revision: 12.12.2025

Trade name: **CLASSIC MEDUNA PT 5W-40**

(Contd. of page 6)

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.

11.2 Information on other hazards

Endocrine disrupting properties

This product does not contain any substance with endocrine disrupting properties towards humans, as no ingredient fulfils the criteria.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts

ErC50 >1,000 mg/l /(3d) (algae)

EC50 >1,000 mg/L /(2d) (Daphnia magna)

LC50 >1,000 mg/L /(4d) (Fish)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential

CAS: 70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts

Partition coefficient n-octanol/water (Log Kow) 22.12

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not fulfil the PBT/vPvB criteria according to REACH, Annex XIII.

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

This product does not contain any substance with endocrine disrupting properties towards humans, as no ingredient fulfils the criteria.

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

Dispose of waste according to applicable legislation.

Contact the responsible authorised waste disposal company for waste disposal. Dispose of in accordance with official regulations.

The allocation of waste code numbers/waste designations is to be carried out according to EAVK on a sector- and process-specific basis.

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

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(Contd. on page 8)

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

Printing date 12.12.2025

Version number 4.00 (replaces version 3.00)

Revision: 12.12.2025

Trade name: **CLASSIC MEDUNA PT 5W-40**

(Contd. of page 7)

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.

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:

Technical instructions (air):

Class Share in % For Germany: To be noted: 5.2.5

Waterhazard class:

(according to AwSV, Germany)

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

(Contd. on page 9)

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

Printing date 12.12.2025

Version number 4.00 (replaces version 3.00)

Revision: 12.12.2025

Trade name: CLASSIC MEDUNA PT 5W-40

(Contd. of page 8)

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 (AltöIV)

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

H317 May cause an allergic skin reaction.

H360 May damage fertility or the unborn child.

H413 May cause long lasting harmful effects to aquatic life.

Department issuing SDS: product management

Contact: product management

Date of previous version: 02.10.2023

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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

Repr. 1B: Reproductive toxicity – Category 1B

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

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