

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

Printing date 25.07.2025

Version number 5.00 (replaces version 4.00)

Revision: 29.11.2024

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

1.1 Product identifier

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

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 Lubricant

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

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:

Contains: Benzenesulfonic acid, mono-C16-24-alkyl derivate, calcium salt. May produce an allergic reaction.

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: Preparation of base oils and various additives

Dangerous components:

CAS: 68784-26-9 EINECS: 272-234-3 Reg.nr.: 01-2119524004-56	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased ⚠ Repr. 1B, H360; Aquatic Chronic 4, H413	0-<0.24%
CAS: 70024-69-0 EINECS: 274-263-7 Reg.nr.: 01-2119492616-28	Benzenesulfonic acid, mono-C16-24-alkyl derivate, calcium salt ⚠ Skin Sens. 1B, H317	0-<0.24%
CAS: 148520-84-7 EC number: 800-941-4 Reg.nr.: Polymer	Benzene, mono-C10-13-alkyl derivatives, fractionation bottoms, heavy ends, sulfonated, calcium salts ⚠ Skin Sens. 1B, H317 Specific concentration limit: Skin Sens. 1B; H317: C ≥ 10 %	0-<0.24%
CAS: 68649-42-3 EINECS: 272-028-3 Reg.nr.: 01-2120742271-64	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	0-<0.15%

(Contd. on page 2)

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

Printing date 25.07.2025

Version number 5.00 (replaces version 4.00)

Revision: 29.11.2024

Trade name: CLASSIC MEDUNA PT 5W-40 PD LA

(Contd. of page 1)

SVHC

The mixture does not contain any substances of very high concern (SVHC) included in the candidate list according to REACH, Article 59.

Additional information:

DMSO extract < 3 %, IP 346

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.

Do not leave affected persons unattended.

In case of accident or unwellness, seek medical advice immediately.

After inhalation:

Remove person to fresh air and keep comfortable for breathing.

Seek medical treatment.

After skin contact:

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, seek medical treatment.

After eye contact:

In case of eye contact, rinse the eyes with water for a sufficient period of time with the eyelids open, then consult an ophthalmologist immediately.

After swallowing:

Rinse mouth thoroughly with water.

Have plenty of water drunk in small sips (dilution effect)

Do not induce vomiting.

Seek medical treatment.

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:

Use water spray to protect persons and to cool containers in the danger zone

Alcohol-resistant foam, carbon dioxide (CO₂), extinguishing powder, water spray jet

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.

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO₂) Nitrogen oxides (NO_x)

Pyrolysis products, toxic

5.3 Advice for firefighters

Protective equipment:

In case of combustion use a suitable breathing apparatus. Wear full protective suit.

Do not inhale explosion gases or combustion gases.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

EU

(Contd. on page 3)

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

Printing date 25.07.2025

Version number 5.00 (replaces version 4.00)

Revision: 29.11.2024

Trade name: CLASSIC MEDUNA PT 5W-40 PD LA

(Contd. of page 2)

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep people at a distance and stay on the windward side.

Particular danger of slipping on leaked/spilled product.

For non-emergency personnel Personal protective equipment

6.2 Environmental precautions:

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

Do not allow to penetrate the ground/soil.

Prevent from spreading (e.g. by damming-in or oil barriers).

6.3 Methods and material for containment and cleaning up:

For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

Remove from the water surface (e.g. skim or suck off).

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

Avoid the formation of oil haze.

Wear personal protective equipment.

Clean up spills immediately. Use suitable container to avoid contamination of the environment.

Information about fire - and explosion protection:

Protect against electrostatic charges.

Keep ignition sources away - Do not smoke.

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.

Store only in the original receptacle.

Floors should be impermeable, resistant to liquids and easy to clean.

Information about storage in one common storage facility:

Do not store together with:

- Materials which are ignitable under almost all normal temperature conditions.

- Explosive substances/mixtures and articles containing explosives.

Further information about storage conditions: None.

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.

(Contd. on page 4)

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

Printing date 25.07.2025

Version number 5.00 (replaces version 4.00)

Revision: 29.11.2024

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

(Contd. of page 3)

DNELs

CAS: 70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivat, calcium salt

Dermal	DNEL, long-term, dermal, systemic	3.33 mg/kg KG/d (worker)
Inhalative	DNEL, long-term, inhalation, systemic	11.75 mg/m ³ (Consumer)

PNECs

CAS: 70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivat, calcium salt

PNEC (Freshwater)	1 mg/l
PNEC (Seawater)	1 mg/l
Micro-organisms in sewage treatment plants (STP)	1,000 mg/l
Secondary poisoning	16.667 mg/kg
PNEC aquatic environment, intermittent release	10 mg/l

Additional information: The safety data sheet of the pre-supplier served as the basis for the creation.

8.2 Exposure controls

Appropriate engineering controls Ensure sufficient ventilation and spot extraction at critical points.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Immediately remove all soiled and contaminated clothing

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

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Hand protection



Protective gloves

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

Nitrile rubber, NBR

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

> 8 hours

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

EN 166

Goggles recommended during refilling

Body protection: Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

(Contd. on page 5)

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

Printing date 25.07.2025

Version number 5.00 (replaces version 4.00)

Revision: 29.11.2024

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

(Contd. of page 4)

Colour:	Yellow-brown
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	-39 °C (Pourpoint)
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:	234 °C
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity at 40 °C	83 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 15.6 °C:	0.853 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:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
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

(Contd. on page 6)

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

Printing date 25.07.2025

Version number 5.00 (replaces version 4.00)

Revision: 29.11.2024

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

(Contd. of page 5)

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

Thermal decomposition / conditions to be avoided:

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

The formation of combustible vapors is possible at temperatures above the flashpoint

10.4 Conditions to avoid Avoidance of: Thermal decomposition.

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)

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: 68649-42-3 Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

Oral	LD50 oral	3,100 mg/kg (Rat)
Dermal	LD50 dermal	>3,160 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, mono-C16-24-alkyl derivatives, calcium salt. 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.

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

Additional toxicological information:

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

The product contains less than 3% DMSO extract (method IP346).

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 No further relevant information available.

12.3 Bioaccumulative potential

CAS: 68649-42-3 Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

Partition coefficient n-octanol/water	14.876
---------------------------------------	--------

(Contd. on page 7)

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

Printing date 25.07.2025

Version number 5.00 (replaces version 4.00)

Revision: 29.11.2024

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

(Contd. of page 6)

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 meet the PBT/vPvB criteria according to REACH, annex XIII.

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:

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.

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.

(Contd. on page 8)

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

Printing date 25.07.2025

Version number 5.00 (replaces version 4.00)

Revision: 29.11.2024

Trade name: CLASSIC MEDUNA PT 5W-40 PD LA

(Contd. of page 7)

Seveso category Not subject to 2012/18/EU (SEVESO III)

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.

Other regulations, limitations and prohibitive regulations

Skin absorption/sensitisation: Triggers hypersensitivity reactions of an allergic nature.

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

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H360 May damage fertility or the unborn child.
- H411 Toxic to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

Department issuing SDS: product management

Contact: product management

Date of previous version: 01.07.2024

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)
- 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 Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Skin Sens. 1B: Skin sensitisation – Category 1B
- Repr. 1B: Reproductive toxicity – Category 1B
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
- Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

Sources The safety data sheet of the pre-supplier served as the basis for the creation.