

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

Printing date 15.07.2025

Version number 1.00

Revision: 15.07.2025

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

1.1 Product identifier

Trade name: **CLASSIC MEDUNA PT 0W-20 D1G3**

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-determining components of labelling:

phenol, dodecyl-, branched

Distillates (petroleum), hydrotreated heavy paraffinic

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., Calcium salts

Hazard statements Void

Additional information:

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.

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 ☠ Asp. Tox. 1, H304	39-<65.58%
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-<0.22%
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-<0.03%

(Contd. on page 2)

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

Printing date 15.07.2025

Version number 1.00

Revision: 15.07.2025

Trade name: **CLASSIC MEDUNA PT 0W-20 D1G3**

(Contd. of page 1)

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 if you feel unwell, seek medical advice immediately (if possible, show operating instructions or safety data sheet). Remove the casualty from the danger zone. Remove soiled, Remove contaminated, soaked clothing. If unconscious and not breathing, place in recovery position and seek medical advice. Do not leave the victim unattended.

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.

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 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.

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 (NO_x)

5.3 Advice for firefighters In case of fire: Wear self-contained breathing apparatus.

Protective equipment:

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

In case of fire: Wear self-contained breathing apparatus. 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. Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

Protective equipment:

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

Remove persons from danger area.

For emergency responders Personal protection

(Contd. on page 3)

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

Printing date 15.07.2025

Version number 1.00

Revision: 15.07.2025

Trade name: **CLASSIC MEDUNA PT 0W-20 D1G3**

(Contd. of page 2)

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.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Suitable material for containers/facilities: Floors should be impermeable, resistant to liquids and easy to clean.

Manholes and ducts should be protected against product ingress. Keep/store only in the original container.

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.

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.

DNELs

CAS: 4259-15-8 Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)

Inhalative	DNEL, long-term, inhalation, systemic	6.6 mg/m ³ (worker)
------------	---------------------------------------	--------------------------------

(Contd. on page 4)

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

Printing date 15.07.2025

Version number 1.00

Revision: 15.07.2025

Trade name: CLASSIC MEDUNA PT 0W-20 D1G3

(Contd. of page 3)

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/m ³ (worker)
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/m ³ (worker) acute
PNECs		
CAS: 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic		
	Secondary poisoning	9.33 mg/kg /KG/Tag
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
CAS: 121158-58-5 phenol, dodecyl-, branched		
	PNEC aquatic, fresh water	0.074 µg/l
	PNEC water bodies, sea water	0.0074 µg/l
	Micro-organisms in sewage treatment plants (STP)	100 mg/l
	PNEC (freshwater sediment)	0.226 mg/kg
	PNEC (Seawater sediment)	0.0266 mg/kg
	PNEC aquatic environment, intermittent release	0.37 µg/l

Additional information:

Mineral oil mist, limit values: US-OSHA PEL - value 5 mg/m³, ACGIH-STEL - value 10 mg/m³
The safety data sheet of the pre-supplier served as the basis for the creation.

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 respiratory protection necessary.

Not required.

Hand protection



Protective gloves

Wear chemical protective gloves according to EN 374

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

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.

(Contd. on page 5)

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

Printing date 15.07.2025

Version number 1.00

Revision: 15.07.2025

Trade name: **CLASSIC MEDUNA PT 0W-20 D1G3**

(Contd. of page 4)

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

Goggles recommended during refilling

Wear eye/face protection.

EN 166

Body protection: Protective work clothing

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 (Pour Point)
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	45.04 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:	0.8453 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:	Not determined.
Change in condition	
Evaporation rate	Not determined.

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void

(Contd. on page 6)

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

Printing date 15.07.2025

Version number 1.00

Revision: 15.07.2025

Trade name: **CLASSIC MEDUNA PT 0W-20 D1G3**

(Contd. of page 5)

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: 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

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

Oral	LD50 oral	5,000 mg/kg (Rat) (OECD Guideline 401)
Dermal	LD50 dermal	5,000 mg/kg (rabbit) (OECD Guideline 402)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	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.

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 15.07.2025

Version number 1.00

Revision: 15.07.2025

Trade name: **CLASSIC MEDUNA PT 0W-20 D1G3**

(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

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

List II

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

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

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.

EU

(Contd. on page 8)

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

Printing date 15.07.2025

Version number 1.00

Revision: 15.07.2025

Trade name: **CLASSIC MEDUNA PT 0W-20 D1G3**

(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-determining components of labelling:

phenol, dodecyl-, branched

Distillates (petroleum), hydrotreated heavy paraffinic

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., Calcium salts

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.

(Contd. on page 9)

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

Printing date 15.07.2025

Version number 1.00

Revision: 15.07.2025

Trade name: CLASSIC MEDUNA PT 0W-20 D1G3

(Contd. of page 8)

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 (AltöIV)

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.

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.

Department issuing SDS: product management

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

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

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

(Contd. on page 10)

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

Printing date 15.07.2025

Version number 1.00

Revision: 15.07.2025

Trade name: CLASSIC MEDUNA PT 0W-20 D1G3

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

(Contd. of page 9)

- EU -