

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

Printing date 14.04.2025

Version number 1.00

Revision: 14.04.2025

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

1.1 Product identifier

Trade name: **CLASSIC MEDUNA PT 5W-30 PRO S**

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: Calcium sulphonate, borated, Calcium sulphonate. May produce an allergic reaction.

Safety data sheet available on request.

2.3 Other hazards

Results of PBT and vPvB assessment

This mixture contains no substances assessed as PBT or vPvB in a concentration $\geq 0.1\%$.

PBT: Not applicable.

vPvB: Not applicable.

Determination of 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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Preparation of synthetic oils and additives.

Dangerous components:

CAS: 68037-01-4 NLP: 500-183-1 Reg.nr.: 01-2119486452-34	Hydrocarbon, low viscosity Asp. Tox. 1, H304	10-<20%
CAS: 64742-54-7 EINECS: 265-157-1 Reg.nr.: 01-2119484627-25	Mineral oil Asp. Tox. 1, H304	1-<10%
CAS: 64742-55-8 EINECS: 265-158-7 Reg.nr.: 01-2119487077-29	Base oil, low viscosity Asp. Tox. 1, H304	1-<10%

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Reg.nr.: Polymer	Calcium sulphonate, borated ⚠ Repr. 2, H361d; ⚠ Skin Sens. 1B, H317 Specific concentration limits: Skin Sens. 1B; H317: C ≥ 2 % Repr. 2; H361d: C ≥ 17.15 %	0.1-<1%
Reg.nr.: Polymer	Calcium sulphonate ⚠ Skin Sens. 1B, H317 Specific concentration limit: Skin Sens. 1B; H317: C ≥ 2 %	0.1-<1%

Additional information:

All concentrations are given in per cent by weight unless the ingredient is a gas. Gas concentrations are given in per cent by volume.

Please note that the mineral oils and petroleum distillates used in our products are severely refined and have a DMSO extract < 3% as measured by method IP 346 and are not classified as carcinogenic according to Note L of Annex VI of Regulation EC 1272/2008.

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: Immediately remove any clothing contaminated with the product.

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

After skin contact: Wash with soap and water.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Rinse mouth thoroughly

4.2 Most important symptoms and effects, both acute and delayed

May cause skin and eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Seek medical attention if symptoms occur.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added.

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.

5.3 Advice for firefighters

Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Attention! In the event of material leakage, floors and surfaces may become slippery.

6.2 Environmental precautions:

Prevent from spreading (e.g. by binding or oil barriers). Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.

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

6.3 Methods and material for containment and cleaning up:

Stop the flow of material, if this is without risk.

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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

Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Observe good industrial hygiene practices. Provide adequate ventilation.

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

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.

Local regulations concerning handling and storage of waterpolluting products have to be followed.

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

Further information about storage conditions: Do not heat up to temperatures close to the flash point.

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.

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

Ensure sufficient ventilation. Ventilation levels must be adapted to conditions. Where appropriate, use process chambers, local exhaust systems or other engineering controls to maintain airborne concentrations below recommended exposure limits. If no exposure limits have been set, maintain airborne concentrations at an acceptable level.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Use prescribed personal protective equipment. Personal protective equipment must be selected in accordance with the applicable CEN standards and in consultation with the supplier of personal protective equipment.

The usual precautions for handling petroleum products or chemicals must be observed in all cases.

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Do not carry product impregnated cleaning cloths in trouser pockets.

Wash hands before breaks and at the end of work.

Respiratory protection:

Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.

Hand protection

Avoid prolonged or repeated skin contact. Suitable protective gloves are recommended by the glove supplier. Preventive skin protection with skin protection ointment. Protective gloves where safety permits. The exact breakthrough time should be obtained from the protective glove manufacturer and adhered to, as it depends not only on the glove material but also on factors specific to the workplace.

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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

NBR: Acrylonitrile butadiene rubber

Recommended thickness of the material: ≥ 0.38 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

Avoid contact with skin and eyes. Safety goggles/face protection is recommended. Wear protective goggles or face shield in case of splash hazards.

Body protection:

Skin protection Preventive skin protection with skin protection ointment.

Thermal hazards Not known.

Environmental exposure controls There are no data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Liquid
Colour:	Brown
Odour:	Characteristic
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:	238 °C (ASTM D 92)
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity at 40 °C	73.05 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:	0.84 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Particle characteristics	Does not apply to liquids.

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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

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 Stable under normal use conditions.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: Stable under normal use conditions.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid Stable under normal use conditions.

10.5 Incompatible materials: Strong oxidizing substances. Strong acids. Strong bases.

10.6 Hazardous decomposition products:

Upon thermal decomposition or combustion, carbon dioxide and other toxic gases and vapors may be released.

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: 68037-01-4 Hydrocarbon, low viscosity

Oral	LD50 oral	>5,000 mg/kg (Rat)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	>5 mg/l (Rat)

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CAS: 64742-54-7 Mineral oil

Oral	LD50 oral	>5,000 mg/kg (Rat)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	>2,500 mg/l /4 h (Rat) Steam

CAS: 64742-55-8 Base oil, low viscosity

Oral	LD50 oral	>5,000 mg/kg (Rat)
Dermal	LD50 dermal	>5,000 mg/kg (rabbit)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	5.1 mg/l (Rat) Dust and fog

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.

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

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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 68037-01-4 Hydrocarbon, low viscosity

LL50	>750 mg/l / (96h) (Fish)
EC50	>1,000 mg/L /72 h (algae)
EC50	190 mg/l /48 h (Water flea)
LC50	>750 mg/L /96 h (Fish)

CAS: 64742-55-8 Base oil, low viscosity

NOEC	>100 mg/L /72 h (algae) 10 mg/L /21 d (Water flea)
LL50	>100 mg/l /96 h (Fish)
EC50	>1,000 mg/L /48 h (Water flea)

12.2 Persistence and degradability

Not applicable to mixtures

CAS: 64742-55-8 Base oil, low viscosity

Biological degradation	31 % /28 d
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12.3 Bioaccumulative potential Not applicable to mixtures

12.4 Mobility in soil Not applicable to mixtures

12.5 Results of PBT and vPvB assessment

The product does not contain any substances fulfilling the PBT/vPvB criteria.

PBT: Not applicable.

vPvB: Not applicable.

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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:

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.

Do not allow to enter drains or water courses.

When storing used mineral oil products, ensure that the categories for waste oil and mixing instructions are observed.

European waste catalogue

13 02 06*	synthetic engine, gear and lubricating oils
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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

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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.

Regulation (EU) No 649/2012

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

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.

REGULATION (EU) 2024/590 on substances that deplete the ozone layer

Does not contain substances listed on the Ozone Depletion List (Regulation EU 2024/590 on substances that deplete the ozone layer).

National regulations:

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

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.

H317 May cause an allergic skin reaction.

H361d Suspected of damaging the unborn child.

Classification according to Regulation (EC) No 1272/2008

The classification corresponds to the current EC lists, but is supplemented by information from specialised literature and company data. The following methods were used for the assessment: - Based on test data - Calculation method - Transfer principle "Essentially similar mixtures" - Expert judgement

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)

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. 2: Reproductive toxicity – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1