

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 31.08.2022

Version number 1.00

Revision: 31.08.2022

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

1.1 Product identifier

Trade name: **CLASSIC MEDUNA PV 0W-20 LL IV 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 Motor 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

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: C14-16-18 Alkyl phenol. May produce an allergic reaction.

Safety data sheet available on request.

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	baseoil - unspecified ⚠ Asp. Tox. 1, H304	50-80%
CAS: 36878-20-3 EINECS: 253-249-4 Reg.nr.: 01-2119488911-28	Bis(nonylphenyl)amine Aquatic Chronic 4, H413	1-5%
CAS: 72623-86-0 EINECS: 276-737-9 Reg.nr.: 01-2119474878-16	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based ⚠ Asp. Tox. 1, H304	1-5%
CAS: 72623-87-1 EINECS: 276-738-4 Reg.nr.: 01-2119474889-13	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based ⚠ Asp. Tox. 1, H304	1-5%
EC number: 931-468-2 Reg.nr.: 01-2119498288-19	C14-16-18 Alkyl phenol ⚠ STOT RE 2, H373; ⚠ Skin Sens. 1B, H317	<0.3%

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Additional information:

The highly refined mineral oil contains <3% (w/w) DMSOextract, according to IP346.

Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3. 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: If you feel unwell, seek medical advice.

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

After skin contact: Wash skin with plenty of water.

After eye contact: Rinse eyes with water as a precaution.

After swallowing: Do not induce vomiting. Call a poison center or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Hazards May result in aspiration into the lungs, causing chemical pneumonia.

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:

Water spray. Dry powder. Foam. Carbon dioxide.

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

Combustible liquid.

Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

5.3 Advice for firefighters

Protective equipment:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Complete protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate spillage area.

For emergency responders Personal protection

6.2 Environmental precautions: Avoid release to the environment.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of materials or solid residues at an authorized site.

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.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Provide good ventilation in process area to prevent formation of vapour.

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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 closed when not in use. Keep in a cool, well-ventilated place away from heat.

Storage temperature : 0 – 40 °C

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

Further information about storage conditions: Keep in a cool, well-ventilated place.

Storage class: -

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

8.2 Exposure controls

Appropriate engineering controls

Ensure good ventilation of the work station.

No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Wear suitable protective clothing.

Wash hands before breaks and at the end of work.

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 thickness:> 0.35 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

Permeation: 6 (> 480 minutes)

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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



Tightly sealed goggles

EN 166

Body protection: Wear suitable protective clothing.

Environmental exposure controls Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	Dark green
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	-45 °C (ASTM D5950 (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:	224 °C (ASTM D92 (COC))
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity at 40 °C	41 mm ² /s (ASTM D7279)
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:	0.843 g/cm ³ (ASTM D4052)
Relative density	Not determined.
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Auto-ignition temperature:	Not determined.
Explosive properties:	Presents no particular fire or explosion hazard.
Solvent content:	
VOC (EC)	0.00 %
Change in condition	
Evaporation rate	Not determined.

Information with regard to physical hazard classes

Explosives	Void
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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 The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions Reacts violently with (strong) oxidizers.

10.4 Conditions to avoid None under recommended storage and handling conditions.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

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 baseoil - unspecified

Oral	LD50 oral	>5,000 mg/kg (rat)
Dermal	LD50 dermal	>2,000 mg/kg (rabbit)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	>5.53 mg/l (rat)

CAS: 36878-20-3 Bis(nonylphenyl)amine

Oral	LD50 oral	>5,000 mg/kg (rat) (OECD-Methode 401)
Dermal	LD50 dermal	> 2000 mg/kg (rat) (OECD-Methode 402)

CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

Oral	LD50 oral	>5,000 mg/kg (rat) (OECD Guideline 401)
Dermal	LD50 dermal	>2,000 mg/kg (rabbit) (OECD Guideline 402)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	>5.53 mg/l (rat) ((OECD Guideline 403, inhalation: vapour))

CAS: 72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

Oral	LD50 oral	>5,000 mg/kg (rat) (OECD Guideline 401)
Dermal	LD50 dermal	>2,000 mg/kg (rabbit) (OECD Guideline 402)
Inhalative	LC50 Acute inhalation toxicity (dust/mist):	>5.53 mg/l (rat) ((OECD Guideline 403, inhalation: vapour))

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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

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 64742-54-7 baseoil - unspecified

NOEC	10 mg/L /(21d) (Daphnia magna) ((OECD Guideline 211)) ≥1,000 mg/L /(28d (Fish) (QSAR Petrotox)
NOEC (acute)	≥100 mg/l /(72h) (Pseudokirchnerella subcapitata) (OECD 201)
EC50	>10,000 mg/L /(48h) (Daphnia magna) (OECD 202) >10,000 mg/L /(48h) (crustaceans) (OECD 202)
LC50	>100 mg/L /(96h) (Pimephales promelas) (OECD 203)

CAS: 36878-20-3 Bis(nonylphenyl)amine

EC50	>100 mg/L (Daphnia magna) (OECD 202)
LC50	>100 mg/L /(96h) (Brachydanio rerio)

CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

NOEC (acute)	≥100 mg/l /(72h) (Pseudokirchnerella subcapitata) ((OECD Guideline 211))
NOEC chronic algae	≥100 mg/l
NOEC chronic	10 mg/l /(21d) (Daphnia magna) ((OECD Guideline 211))
EC50	>1,000 mg/L (daphnia)
LC50	>100 mg/L (Fish)

CAS: 72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

NOEC (acute)	≥100 mg/l /(72h) (Pseudokirchnerella subcapitata) (OECD 201)
LC50	>10.000 mg/L /(48h) (Gp) (OECD 202) >100 mg/L /(96h) (Pimephales promelas) (OECD 203)

12.2 Persistence and degradability

CAS: 64742-54-7 baseoil - unspecified

Biological degradation	31 % /(28d) (OECD-Methode 301F)
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CAS: 36878-20-3 Bis(nonylphenyl)amine

Persistence and degradability	1 % ((test concentration 20,1 mg/l))
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CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

Biological degradation	31 % /(28d) (OECD-Methode 301F)
Persistence and degradability	Not readily biodegradable.

CAS: 72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

Biological degradation	31 % /(28d) (OECD-Methode 301F)
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12.3 Bioaccumulative potential

CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

Bioaccumulative potential	bioaccumulative potential.
Partition coefficient n-octanol/water (Log Kow)	>6

12.4 Mobility in soil

CAS: 72623-86-0 Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

Ecology - soil | water insoluble.

CAS: 72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

Mobility in soil | The product is adsorbed by the soil

12.5 Results of PBT and vPvB assessment

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:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Dispose of waste according to applicable legislation.

European waste catalogue

13 02 05*	mineral-based non-chlorinated 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.

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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:

Waterhazard class: Water hazard class 1 (Self-assessment): slightly 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.

H373 May cause damage to organs through prolonged or repeated exposure.

H413 May cause long lasting harmful effects to aquatic life.

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)

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

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STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

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

EU