

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

Printing date 01.09.2023

Version number 1.00

Revision: 01.09.2023

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

1.1 Product identifier

Trade name: **CLASSIC MEDUNA PT 0W-30 C2/C3 FE**

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:

Safety data sheet available on request.

2.3 Other hazards

Prolonged or repeated contact with the skin without proper cleansing may clog the skin pores and lead to disorders such as oil acne/folliculitis.

Used oil may contain harmful contaminants.

Not classified as flammable, but combustible

Results of PBT and vPvB assessment

This mixture does not contain any substances classified as PBT or vPvB substances.

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Synthetic-based oil and additives

Dangerous components:

CAS: 848301-69-9	Distillates (Fischer - Tropf), heavy, C18-50 - branched, cyclic and linear	0-90%
ELINCS: 482-220-0		
Reg.nr.: 01-0000020163-82		
Asp. Tox. 1, H304		

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

EU

(Contd. on page 2)

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

Printing date 01.09.2023

Version number 1.00

Revision: 01.09.2023

Trade name: CLASSIC MEDUNA PT 0W-30 C2/C3 FE

(Contd. of page 1)

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

It is essential that first responders wear appropriate personal protective equipment appropriate to the incident, injury and environment.

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

After skin contact:

Immediately remove soiled, saturated clothing.

Wash with soap and water.

Consult a doctor if skin irritation persists.

After eye contact:

Rinse opened eye for several minutes under running water.

Remove contact lenses.

If irritation, blurred vision or swelling persists, seek medical advice from a specialist.

After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

Signs and symptoms of oil acne/folliculitis may include the development of blackheads and pimples in the exposed skin areas.

Ingestion may cause nausea, vomiting and/or diarrhoea.

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:

Foam, water spray or water mist. Dry powder, carbon dioxide, sand or earth can only be used for small fires.

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

Hazardous combustion products may include: Complex mixture of solid and liquid particles and gases, including carbon monoxide may be released in case of incomplete combustion. Unidentified organic and inorganic compounds.

5.3 Advice for firefighters

Protective equipment:

Persons must wear appropriate personal protective equipment including chemical protective gloves. If there is a risk of large-area contact from spillage, a chemical protective suit must be worn. Self-contained breathing apparatus must be worn near fires in confined spaces. Choose fire protective clothing that complies with appropriate standards (e.g. in Europe: EN 469).

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

 Not required.

For non-emergency personnel Avoid contact with eyes and skin.

For emergency responders Avoid contact with eyes and skin.

6.2 Environmental precautions:

Take appropriate containment measures to prevent pollution. Prevent spillage into sewage systems, rivers or surface waters by erecting sand/earth barriers or other suitable means of containment.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Danger of slipping if spilled. Avoid accidents, clean up immediately.

Prevent spreading with a barrier of sand, earth or other containment material.

Remove liquid directly or in absorbent material.

Absorb residue with an adsorbent such as earth, sand or other suitable material and dispose of properly.

(Contd. on page 3)

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

Printing date 01.09.2023

Version number 1.00

Revision: 01.09.2023

Trade name: CLASSIC MEDUNA PT 0W-30 C2/C3 FE

(Contd. of page 2)

6.4 Reference to other sections

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

Use existing exhaust ventilation systems if there is a risk of inhalation of vapours, mists or aerosols.
Use information in this data sheet as a basis for risk assessment of site conditions to determine appropriate measures for safe handling, storage and disposal of this product.

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

Handling:

Avoid prolonged or repeated skin contact.

Avoid inhalation of vapour and/or mist.

Wear safety shoes and use appropriate work equipment when handling the product in drums.

Properly dispose of contaminated rags or cleaning utensils to prevent fire.

Transferring: Appropriate grounding and bonding procedures should be used in all mass transfer operations to avoid static charge.

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.

Use properly labelled and sealable containers.

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

Further information about storage conditions:

Store at room temperature.

Suitable material: Use mild steel or high-density polyethylene (HDPE) for container or container coating.

Unsuitable material: PVC.

Container instructions: Polyethylene containers must not be exposed to higher temperatures due to the risk of possible deformation.

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:

Oil vapors and oil mist

Long-term value 5mg/m³

Short-term value 10mg/m³

The level of protection and types of measures required will vary depending on the potential exposure conditions. Select workplace monitoring based on a risk assessment of local conditions. Appropriate measures include:

Adequate ventilation to control airborne concentrations.

If material is heated or sprayed, or mists are formed, higher airborne concentrations may occur.

General information:

Establish procedures for safe handling and maintenance of protective measures.

Train employees in the theory and practice of hazards and protective measures relevant to routine work with this product.

Ensure proper selection, testing and maintenance for equipment used for protective measures, e.g. personal protective equipment, local exhaust system.

Shut down systems before opening or servicing equipment.

Keep drains tightly closed until disposal or later recycling.

Always follow best practices for personal hygiene, such as washing hands after handling materials and before eating, drinking and/or smoking. Wash or clean work clothing and protective equipment regularly to remove

(Contd. on page 4)

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

Printing date 01.09.2023

Version number 1.00

Revision: 01.09.2023

Trade name: CLASSIC MEDUNA PT 0W-30 C2/C3 FE

(Contd. of page 3)

contaminants. Dispose of contaminated clothing and footwear that cannot be cleaned. Maintain order and cleanliness.

Ingredients with biological limit values: No biological limit assigned.

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

8.2 Exposure controls

Appropriate engineering controls

The level of protection and types of measures required will vary depending on the potential exposure conditions. Select workplace monitoring based on a risk assessment of local conditions. Appropriate measures include: Adequate ventilation to control airborne concentrations.

If material is heated or sprayed, or if mist is formed, a higher concentration may occur in the air.

General information:

Establish procedures for safe handling and maintenance of protective measures.

Train employees in the theory and practice of hazards and protective measures relevant to routine work with this product.

Ensure proper selection, testing and maintenance for equipment used for protective measures, e.g. personal protective equipment, local exhaust system.

Shut down systems before opening or servicing equipment.

Keep drains tightly closed until disposal or later recycling.

Always follow best practices for personal hygiene, such as washing hands after handling materials and before eating, drinking and/or smoking. Wash or clean work clothing and protective equipment regularly to remove contaminants. Dispose of contaminated clothing and footwear that cannot be cleaned. Maintain order and cleanliness.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

This information is provided in accordance with the PPE Directive (Directive 89/686/EEC) and the standards of the European Committee for Standardisation (CEN).

Use personal protective equipment (PPE) in accordance with national standards.

Respiratory protection:

Respiratory protection is not normally required for normal handling.

As a matter of good industrial hygiene practice, take precautions against inhalation of the material.

If technical measures cannot keep the air pollutant concentration below the critical value for occupational safety, select suitable respiratory protection, taking into account the specific working conditions and the respective legal regulations.

Check with respirator manufacturers.

If normal filter systems are suitable, be sure to select the appropriate filter and mask combination.

Use a combination filter for particles, gases and vapours (type A/type P boiling point > 65°C, 149°F; according to EN14387).

Not required.

Hand protection



Protective gloves

In case of possible skin contact with the product, the use of gloves (according to e.g. EN374, Europe or F739, USA) made of the following materials provides sufficient protection: gloves made of PVC, neoprene or nitrile rubber. Suitability and durability of a glove depend on the use, e.g. frequency and duration of contact, as well as the chemical resistance of the glove material. Always consult glove suppliers. Replace contaminated gloves.

Personal skin care is a prerequisite for effective skin protection. Wear protective gloves on clean hands. Wash hands after use and dry thoroughly. It is recommended to use a non-perfumed moisturiser.

It is good practice to wear chemical-resistant gloves.

Material of gloves

PVC, neoprene or nitrile rubber.

Recommended thickness:> 0.35 mm.

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.

(Contd. on page 5)

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

Printing date 01.09.2023

Version number 1.00

Revision: 01.09.2023

Trade name: **CLASSIC MEDUNA PT 0W-30 C2/C3 FE**

(Contd. of page 4)

Eye/face protection

Goggles recommended during refilling
EN 166

Body protection: Skin protection beyond the usual work clothing is not normally required.

Thermal hazards Not known.

Environmental exposure controls

Take appropriate measures to comply with the requirements of relevant environmental legislation. Follow instructions in section 6 to avoid environmental contamination. Do not allow undissolved material to enter waste water. Treat waste water in a municipal or industrial waste water treatment plant before discharging into surface water. Observe official regulations for exhaust air.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	Light yellow
Odour:	
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	>280 °C
Flammability	Not classified as flammable, but combustible. (Liquids)
Lower and upper explosion limit	
Lower:	1 Vol %
Upper:	10 Vol %
Flash point:	226 °C
Auto-ignition temperature:	>320 °C
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity at 40 °C	58.7 mm ² /s
	100 °C: 11.9 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 at 20 °C:	<0.5 Pa
Density and/or relative density	
Density at 15 °C:	0.838 g/cm ³
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.	
Ignition temperature:	Not determined.
Explosive properties:	Not determined.
Solvent content:	
VOC (EC)	0 %
	0.00 %

(Contd. on page 6)

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

Printing date 01.09.2023

Version number 1.00

Revision: 01.09.2023

Trade name: **CLASSIC MEDUNA PT 0W-30 C2/C3 FE**

(Contd. of page 5)

Change in condition

Drip point:

Pour point

-51 °C

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

Other safety characteristics

Conductivity

This material is not expected to be a static accumulator.

SECTION 10: Stability and reactivity

10.1 Reactivity The product is stable when stored at normal ambient temperatures.

10.2 Chemical stability

Information on the shelf life

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

10.3 Possibility of hazardous reactions Reacts with strong oxidising agents.

10.4 Conditions to avoid Extreme temperatures and extreme sunlight.

10.5 Incompatible materials: Oxidising agent, strong

10.6 Hazardous decomposition products: Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure:

Skin and eye contact are the main routes of exposure, although exposure by accidental ingestion may occur.

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

Oral	LD50 oral	>5,000 mg/kg (rat)
Dermal	LD50 dermal	>5,000 mg/kg (rabbit)

Skin corrosion/irritation

Remarks: Slightly irritating to skin, Prolonged or repeated contact with skin without proper cleansing may clog skin pores and cause disorders such as oil acne/folliculitis, Based on available data, the classification criteria are not met.

Serious eye damage/irritation Slightly irritant, but not relevant for classification.

(Contd. on page 7)

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

Printing date 01.09.2023

Version number 1.00

Revision: 01.09.2023

Trade name: CLASSIC MEDUNA PT 0W-30 C2/C3 FE

(Contd. of page 6)

Respiratory or skin sensitisation

In case of respiratory or skin sensitisation:., No sensitizer., Based on available data, the classification criteria are not met.

Germ cell mutagenicity Not mutagenic, Based on available data, the classification criteria are not met.

Carcinogenicity Not carcinogenic, Based on available data, the classification criteria are not met.

Reproductive toxicity

Does not cause developmental toxicity, Does not affect fertility, 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.

Other information

Used oils may contain harmful contaminants that have accumulated during use. The concentration of these contaminants depends on use, and they may pose health and environmental hazards when disposed of, ALL used oil should be handled with care, avoiding contact with the skin.

Continued contact with used engine oils has caused skin cancer in animal studies.

Slightly irritating to the respiratory system.

Classifications of other authorities under different regulatory frameworks may exist.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

LL50	100 mg/l (algae)
	>100 mg/l (Fish)
	100 mg/l (crustaceans)

12.2 Persistence and degradability

Not readily biodegradable. The main ingredients are naturally biodegradable, there are also components that may remain in the environment., Slightly degradable according to IMO criteria., Definition according to IOPC Fund (International Oil Pollution Compensation): Oils are not persistent if, at the time of delivery, they consist of hydrocarbon fractions that (a) distil to at least 50 per cent by volume at a temperature of 340 °C (645 °F) and (b) distil to at least 95 per cent by volume at a temperature of 370 °C (700 °F) (when tested according to ASTM method D-86/78 or a subsequent version).

12.3 Bioaccumulative potential

Contains components with potential bioaccumulation.

Partition coefficient n-octanol/water	>6
---------------------------------------	----

12.4 Mobility in soil Is present in liquid form. Is immobilised by adsorption to soil particles.

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.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information:

Has no ozone depletion potential, photochemical ozone creation potential or potential to contribute to global warming., Product is a mixture of non-volatile components which are not emitted to air in significant quantities during normal use.

Poorly soluble mixture, May cause physical deposition on aquatic organisms.

General notes:

Do not allow product to reach ground water, water course or sewage system.

(Contd. on page 8)

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

Printing date 01.09.2023

Version number 1.00

Revision: 01.09.2023

Trade name: **CLASSIC MEDUNA PT 0W-30 C2/C3 FE**

Danger to drinking water if even small quantities leak into the ground.

(Contd. of page 7)

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

For bulk transports by sea, the MARPOL Annex 1 regulations shall be observed.

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.

(Contd. on page 9)

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

Printing date 01.09.2023

Version number 1.00

Revision: 01.09.2023

Trade name: CLASSIC MEDUNA PT 0W-30 C2/C3 FE

(Contd. of page 8)

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

The components of this product are listed in the following inventories:

REACH: Notified with restrictions.

TSCA: All components listed.

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.

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)

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

Asp. Tox. 1: Aspiration hazard – Category 1

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