

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

Printing date 05.08.2020

Revision: 05.08.2020

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

1.1 Product identifier

Trade name: **CLASSIC MEDUNA LT 5W-30 LA FA-4**

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: Productmanagement

1.4 Emergency telephone number: Giftnotrufzentrale Niedersachsen: +49 (551) - 19240

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: 2,5-Furandione, polymer with 1-hexadecene, methyloxirane polymer with oxirane bis (2-aminopropyl) ether and 2-methyl-1-propene, 4-(phenylamino)phenyl imide, Coconut oil, reaction products with boric acid (H3BO3), diethanolamine and glycerol, Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts, Calcium long chain alkaryl sulfonate. 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 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 125643-61-0 ELINCS: 406-040-9	A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl) propionate Aquatic Chronic 4, H413	1-5%
CAS: 873694-48-5 EC number: 681-947-2	2,5-Furandione, polymer with 1-hexadecene, methyloxirane polymer with oxirane bis (2-aminopropyl) ether and 2-methyl-1-propene, 4-(phenylamino)phenyl imide ⚠ Skin Sens. 1, H317	1-2.5%
EINECS: 276-738-4	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based ⚠ Asp. Tox. 1, H304	1-2.5%
CAS: 36878-20-3 EINECS: 253-249-4	Bis(nonylphenyl)amine Aquatic Chronic 4, H413	0.1-2.5%

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Additional information:

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

After inhalation: Remove person to fresh air and keep comfortable for breathing.

After skin contact: Immediately rinse with 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: Do not use a heavy water stream.

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.

Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Do not attempt to take action without suitable protective equipment.

6.2 Environmental precautions: Avoid release to the environment.

6.3 Methods and material for containment and cleaning up:

Dispose of materials or solid residues at an authorized site.

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

Wear protective equipment.

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Ensure good ventilation/exhaustion at the workplace.
Do not eat, drink, or smoke at work

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location.

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

Further information about storage conditions:

Keep in a cool, well-ventilated place.

Storage temperature: < 40 °C

Storage class: 10

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

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

Personal protective equipment:

General protective and hygienic measures:

Provide adequate ventilation.

Wash hands before breaks and at the end of work.

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

Protection of hands:



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 of the material: ≥ 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)

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

EN 166

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Body protection: Wear suitable protective clothing.

Limitation and supervision of exposure into the environment Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Brown
Odour:	-
Odour threshold:	Not determined.

pH-value: Not determined.

Change in condition

Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: 222 °C

Flash point: Not applicable.

Flammability (solid, gas): Not applicable.

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower: Not determined.
Upper: Not determined.

Vapour pressure: Not determined.

Density at 15 °C: 0.859 g/cm³

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with

water: Not miscible or difficult to mix.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Dynamic: Not determined.
Kinematic at 40 °C: 58.5 mm²/s

Solvent content:

VOC (EC) 0.00 %

9.2 Other information Pour point: -42 °C

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

No dangerous reactions known under normal conditions of use. Reacts violently with (strong) oxidizers.

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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:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

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

LD50 oral rat: > 5000 mg/kg (OECD 401 method)

LD50 dermal rabbit: > 2000 mg/kg (OECD 402 method)

LC50 inhalation rat (mg/l): 5,53 mg/l/4h (OECD 403 method)

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

LD50 oral rat: > 5000 mg/kg bodyweight (OECD 401 method)

LD50 dermal rat: > 2000 mg/kg bodyweight (OECD 402 method)

Reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

LD50 oral rat: > 2000 mg/kg (OECD 401 method)

LD50 dermal rat: > 2000 mg/kg (OECD 402 method)

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.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute): Not classified

Hazardous to the aquatic environment, long-term (chronic): Not classified

Not rapidly degradable.

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

LC50 fish: > 100 mg/l (Pimephales promelas, 96h) (OECD 203 method)

LC50 other aquatic organisms 1: > 10000 mg/l (Gammarus pulex, 48h) (OECD 202 method)

NOEC (acute): ≥ 100 mg/l (Pseudokirchnerella subcapitata, 72h) (OECD 201 method)

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

LC50 fish: > 100 mg/l Brachydanio rerio (zebra-fish)

EC50 Daphnia: > 100 mg/l (OECD 202 method)

EC50 72h algae (1): > 100 mg/l

NOEC chronic crustacea: > 10 mg/l

NOEC chronic algae: > 10 mg/l

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Reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)
 LC50 fish: > 100 mg/l (Oncorhynchus mykiss, 14d) (OECD 204 method)
 LC50 other aquatic organisms 1: > 74 mg/l Danio rerio (zebra fish), 96h
 EC50 Daphnia: > 100 mg/l (Daphnia magna, 48h) (OECD 202 method)
 EC50 72h algae (1): > 3 mg/l (Desmodesmus subspicatus, 72h) (OECD 201 method)
 NOEC (acute): ≥ 3 mg/l (Desmodesmus subspicatus, 72h) (OECD 201 method)

12.2 Persistence and degradability

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)
 Biodegradation: 31 % (28d) (OECD 301F method)

Bis(nonylphenyl)amine (36878-20-3)
 Biodegradation: 1 % (test concentration 20,1 mg/l)

Reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)
 Persistence and degradability: Not readily biodegradable.

12.3 Bioaccumulative potential

Reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)
 Bioconcentration factor (BCF REACH): 260 (Oncorhynchus mykiss, 35d) (OECD 305 method)
 Partition coefficient n-octanol/water (Log Pow): 9,2

12.4 Mobility in soil

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)
 Mobility in soil: Product adsorbs onto the soil

Reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)
 Ecology - soil: Product adsorbs little onto the soil.

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.

12.5 Results of PBT and vPvB assessment

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)
 This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
 This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)
 This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
 This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Dispose of contents/container in accordance with licensed collector's sorting instructions.

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.

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SECTION 14: Transport information

14.1 UN-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 Transport in bulk according to Annex II of Marpol and the IBC Code	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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

Contains no REACH Annex XIV substances.

REGULATION (EC) No 1907/2006 ANNEX XVII Contains no REACH substances with Annex XVII restrictions.

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.

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.

H413 May cause long lasting harmful effects to aquatic life.

Department issuing SDS: Department Product Safety

Contact: Produktmanagement

Abbreviations and acronyms:

ADR: Accord européen sur le transport 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

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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. 1: Skin sensitisation – Category 1
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.

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