

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

Printing date 20.03.2020

Revision: 07.10.2019

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

1.1 Product identifier

Trade name: **CLASSIC MEDUNA LT 1040**

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:

+44 892 0111

National Poisons Information Service (Cardiff Centre)

Gwenwyn Ward, Llandough Hospital

Penarth

CF64 2XX Cardiff

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms Void

Signal word Void

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

This product contains no substances of very high concern (SVHC) (>0,1%) which are included in the Candidate

List according to Article 59 of REACH.

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:

EINECS: 265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	40-45%
	Asp. Tox. 1, H304	

(Contd. on page 2)

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

Printing date 20.03.2020

Revision: 07.10.2019

Trade name: **CLASSIC MEDUNA LT 1040**

		(Contd. of page 1)
EC number: 701-251-5	Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased Aquatic Chronic 4, H413	1-<5%
CAS: 74499-35-7	phenol, 2-dodecyl-, branched ⚠ Repr. 1B, H360F; ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<0.1%

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 unwellness, seek medical advice immediately.

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

After skin contact:

After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if skin irritation persists. Remove contaminated clothing.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Do not induce vomiting.

Rinse mouth thoroughly

Never give anything by mouth to an unconscious person

Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed

If swallowed or vomited, danger of entering the lungs.

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:

Sand. Foam. Carbon dioxide (CO₂). Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

When burning strong soot development

Carbon monoxide (CO)

Carbon dioxide

Sulphur dioxide (SO₂)

Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Protective equipment:

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

Avoid contact with skin, eyes and clothes.

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

(Contd. on page 3)

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

Printing date 20.03.2020

Revision: 07.10.2019

Trade name: **CLASSIC MEDUNA LT 1040**

(Contd. of page 2)

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

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 suitable protective clothing.
Do not breathe vapors or spray mist.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.
Fire class B

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 only receptacles specifically permitted for this substance/product.

Information about storage in one common storage facility:

Do not store together with: Gas. Explosives. Oxidizing substances.

Further information about storage conditions:

Temperature control required. Protect from light. Keep container tightly closed. Do not allow contact with air.

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.

DNELs

68784-26-9 Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased

Worker DNEL, long-term inhalation systemic 3,5 mg/m³

Worker DNEL, acute inhalation systemic 133,6 mg/m³

Worker DNEL, long-term dermal systemic 0,5 mg/kg bw/day

Worker DNEL, acute dermal systemic 80 mg/kg bw/day

Consumer DNEL, long-term inhalation systemic 0,87 mg/m³

Consumer DNEL, acute inhalation systemic 0,067 mg/m³

Consumer DNEL, acute dermal systemic 40 mg/kg bw/day

Consumer DNEL, long-term oral systemic 0,25 mg/kg

bw/day

Consumer DNEL, acute oral systemic 50 mg/kg bw/day

PNECs

64742-54-7 Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic

Secondary poisoning: 9,33 mg/kg

68784-26-9 Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased

Freshwater: 0,5 mg/l

(Contd. on page 4)

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

Printing date 20.03.2020

Revision: 07.10.2019

Trade name: CLASSIC MEDUNA LT 1040

(Contd. of page 3)

Freshwater (intermittent releases): 5 mg/l
 Marine water: 0,04 mg/l
 Freshwater sediment: 43500 mg/kg
 Marine sediment: 3480 mg/kg
 Secondary poisoning: 13,333 mg/kg
 Micro-organisms in sewage treatment plants (STP): 100 mg/l
 Soil: 8850 mg/kg

Additional Occupational Exposure Limit Values for possible hazards during processing:

Air limit values:

Possibility of exposure to Aerosol (Mineral oil)
 Limit value (TLV-TWA) = 5 mg/ m³ - Source: ACGIH
 Limit value (TLV-STEL) = 10 mg/ m³ - Source: ACGIH

STEL: short-term exposure limits

TLV: Threshold Limiting Value

TWA: time weighted average

ACGIH: American Conference of Governmental Industrial Hygienists

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.

Clean skin thoroughly after working.

Do not carry product impregnated cleaning cloths in trouser pockets.

Do not eat or drink while working.

Respiratory protection:

With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at:

-aerosol or mist formation

-exceeding exposure limit values.

Recommended filter type: A2, A2P2, ABEK

Protection of hands:



Protective gloves

Use safety gloves of following materials: NBR (nitrile) / neopren / viton (permeationslevel 5 - 6), Cat. II according to norm EN 347/EN 388.

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

Neoprene

Viton

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

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 20.03.2020

Revision: 07.10.2019

Trade name: **CLASSIC MEDUNA LT 1040**

(Contd. of page 4)

Eye protection:



Tightly sealed goggles

Body protection: Heavy flammable, oil-repellent protective clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Amber coloured
Odour:	-
Odour threshold:	Not determined.

pH-value: Not determined.

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

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: Not determined.

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:	>20 mm ² /s

Solvent content:

VOC (EC) 0.00 %

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

(Contd. on page 6)

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

Printing date 20.03.2020

Revision: 07.10.2019

Trade name: **CLASSIC MEDUNA LT 1040**

(Contd. of page 5)

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: Materials to avoid: Strong oxidizing agents

10.6 Hazardous decomposition products: No dangerous decomposition products known.

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:

64742-54-7 Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic

LD50 >5000 Rat

mg/kg oral ECHA Dossier OECD 401

LD50 >2000 Rabbit

mg/kg dermal ECHA Dossier OECD 402

68784-26-9 Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased

LD50 > 5000 Rat

mg/kg oral ECHA Dossier OECD Guideline 401

LD50 > 4000 Rabbit

mg/kg dermal ECHA Dossier OECD Guideline 402

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.

Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic:

In vitro mutagenicity/genotoxicity:

Method:

- OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Result: negative.; Literature information: ECHA dossier

Carcinogenicity:

Method: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Species: Mouse.

Results: Non-carcinogenic if DMSO extract as measured by IP346 is less than 3% w/w. ; Literature information:

ECHA Dossier

Reproductive toxicity:

Species: Rat (Sprague-Dawley)

Method: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

Results: NOAEL > 1000 mg/kg; Literature information: ECHA Dossier

Developmental toxicity/teratogenicity:

Species: Rat (Sprague-Dawley)

Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study)

Results: NOAEL ≥ 2000 mg/kg; Literature information: ECHA Dossier

Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased:

Reproductive toxicity: Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test); Species: Rat; Result: NOAEL = 200 mg/kg; Literature information: ECHA Dossier; Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay), OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test); Result: negative. ; Literature information: ECHA Dossier; Reproductive toxicity: Method: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study). Species: Rat.; Result: NOAEL = 50 mg/kg. Literature information: ECHA Dossier

(Contd. on page 7)

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

Printing date 20.03.2020

Revision: 07.10.2019

Trade name: CLASSIC MEDUNA LT 1040

(Contd. of page 6)

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.

Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic:

Subacute inhalative toxicity:

Method: -

Exposure time: 28d

Species: Rat

Results: NOAEL >980 mg/m³

Literature information: ECHA Dossier

Subacute dermal toxicity :

Method: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

Exposure time: 28d; Species: Rabbit

Results: 1000 mg/kg ; Literature information: ECHA Dossier

Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased:

Subacute oral toxicity: Method: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study);

Species: Dog.; Exposure duration: 28 d. Results: NOAEL >250 mg/kg(bw)/day ; Literature information: ECHA Dossier

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

64742-54-7 Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic
 Crustacea toxicity NOEC 10 mg/l 21 d Daphnia magna (OECD 211) ECHA Dossier

68784-26-9 Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased

Acute fish toxicity LC50 LL50 96 h ECHA Dossier

>1000 mg/l Pimephales promelas OECD Guideline 203

Acute algae toxicity 96 h Study report (1994)

ErC50 > 500 mg/l Pseudokirchneriella subcapitata OECD Guideline 201

Acute crustacea toxicity 48 h Study report (1993)

EC50 > 1000 mg/l Daphnia magna OECD Guideline 202

12.2 Persistence and degradability

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

Other information:

64742-54-7 Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic
 OECD 301F / ISO 9408 / EEC 92/69 annex V, C.4-D

31% 28d ECHA Dossier Not easily bio-degradable (according to OECD-criteria).

OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C

2-4% 28d ECHA Dossier Not easily bio-degradable (according to OECD-criteria).

68784-26-9 Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased

OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C (READ ACROSS)

13,4 % 28d ECHA Dossier Not easily bio-degradable (according to OECD-criteria).

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No Chemical name

68784-26-9 Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased

Log Pow

9,5

(Contd. on page 8)

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

Printing date 20.03.2020

Revision: 07.10.2019

Trade name: CLASSIC MEDUNA LT 1040

(Contd. of page 7)

BCF
 CAS No Chemical name
 68784-26-9 Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased
 BCF: 2,2
 Species: lipid triolein
 Source: ECHA Dossier

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Harmful to fish

Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
 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.
 Harmful to aquatic organisms

12.5 Results of PBT and vPvB assessment

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 waste according to applicable legislation.

European waste catalogue

15 01 10*	packaging containing residues of or contaminated by hazardous substances
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14	Ecotoxic

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA not regulated

14.2 UN proper shipping name

ADR, ADN, 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.

(Contd. on page 9)

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

Printing date 20.03.2020

Revision: 07.10.2019

Trade name: **CLASSIC MEDUNA LT 1040**

(Contd. of page 8)

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Directive 2012/18/EU

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

REGULATION (EC) No 1907/2006 ANNEX XVII

Restrictions on use (REACH, annex XVII):

Entry 30: phenol, (tetrapropenyl) derivatives

Conditions of restriction: 3

National regulations:

Information about limitation of use: Employment restrictions concerning juveniles must be observed.

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.
- 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.
- 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

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

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

vPvB: very Persistent and very Bioaccumulative

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

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

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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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.