

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

Printing date 20.01.2022

Revision: 20.01.2022

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

1.1 Product identifier

Trade name: **CLASSIC GALAR AT MB 9S**

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: 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

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.

Additional information:

Contains: 1-(tert-dodecylthio)propan-2-ol, Benzene, polypropene derivatives, sulfonated, calcium salts, Long chain hydroxyalkylamine, Borate ester. May produce an allergic reaction.

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: 64742-54-7 EINECS: 265-157-1 Reg.nr.: 01-2119484627-25	Distillates (petroleum), hydrotreated heavy paraffinic ⚠ Asp. Tox. 1, H304	30–60%
CAS: 64742-55-8 EINECS: 265-158-7 Reg.nr.: 01-2119487077-29	Distillates (petroleum), hydrotreated light paraffinic ⚠ Asp. Tox. 1, H304	25–50%
CAS: 36878-20-3 EINECS: 253-249-4 Reg.nr.: 01-2119488911-28	Reaction products of Benzeneamine, N-phenyl- with nonene (branched) Aquatic Chronic 4, H413	1–1.49%

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CAS: 398141-87-2 EC number: 800-172-4 Reg.nr.: 01-2119969520-35	thiophene, tetrahydro-, 1,1-dioxide,3-(C9-11-isoalkyloxy) derivs., C10-rich ⚠ Aquatic Chronic 2, H411	1-1.49%
CAS: 67124-09-8 EINECS: 266-582-5 Reg.nr.: 01-2119953277-30	1-(tert-dodecylthio)propan-2-ol ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Sens. 1, H317	0.1-0.99%
ELINCS: 471-920-1 Reg.nr.: 01-0000019770-68	Acetamide, 2-hydroxy-, N, N-dicocoalkyl derivs ⚠ Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 9.4 %	0.1-0.99%
Reg.nr.: 01-2120040541-70	Benzene, polypropene derivatives, sulfonated, calcium salts ⚠ Skin Sens. 1, H317	0.1-0.99%
EC number: 939-580-3 Reg.nr.: 01-2119976364-28	C14-18 alpha-olefin epoxide, reaction products with boric acid ⚠ Skin Sens. 1B, H317	0.1-0.99%
ELINCS: 482-000-4 Reg.nr.: 01-0000020142-86	Long chain hydroxyalkylamine ⚠ Skin Sens. 1, H317; Aquatic Chronic 3, H412	0.1-0.99%
CAS: 95-38-5 EINECS: 202-414-9 Reg.nr.: 01-2119777867-13	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol ⚠ STOT RE 2, H373; ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	0.01-0.15%
CAS: 1218787-32-6 EC number: 620-540-6 Reg.nr.: 01-2119510877-33	2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302	0.01-0.15%

Additional information:

The mineral oils in the product contain < 3% DMSO extract (IP 346).
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: Supply fresh air; consult doctor in case of complaints.

After skin contact: Wash with soap and water.

After eye contact: In case of eye contact, immediately rinse with clean water for 10-15 minutes.

After swallowing:

Do not induce vomiting; call for medical help immediately.

Rinse mouth thoroughly

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:

Water fog. Foam. Powder. Dry chemical product.

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 No further relevant information available.

5.3 Advice for firefighters
Protective equipment:

Exercise caution when fighting any chemical fire.

Use water spray or fog for cooling exposed containers.

Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing and gloves.

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.

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

6.3 Methods and material for containment and cleaning up:

For containment: Impound and recover large spill by mixing it with inert granular solids.

Methods for cleaning up: Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.

Other information: Spill area may be slippery. Use suitable disposal containers.

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

Precautions for safe handling: Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.

Handling temperature: < 40 °C

Hygiene measures: 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 tightly closed in a dry, cool and well-ventilated place.

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

Further information about storage conditions: Storage temperature: < 40 °C

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

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: Wash hands before breaks and at the end of work.

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

Protection of hands:



Protective gloves

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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

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

>480min

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Yellow
Odour:	Characteristic
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: >180 °C (ASTM D92)

Flammability (solid, gas): Not applicable.

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: Not determined.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure: Not determined.

Density at 15 °C:	0.843 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.

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Solubility in / Miscibility with water: Slightly soluble, the product remains on the water surface.

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

Viscosity:
Dynamic: Not determined.
Kinematic at 40 °C: 21 mm²/s

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity Stable under normal use conditions.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: Strong oxidizers. acids. Bases.

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.

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.

Additional toxicological information:

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: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Hazardous to the aquatic environment, long-term (chronic): Harmful to aquatic life with long lasting effects.

CAS: 36878-20-3 Reaction products of Benzeneamine, N-phenyl- with nonene (branched)

EC50 >1,000 mg/L (other aquatic organisms)

>100 mg/L (Daphnia magna)

EC50 72h algae 1 600 mg/l / (3d) (Chlorophyta)

LC50 >100 mg/L (Brachydanio rerio)

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CAS: 398141-87-2 thiophene, tetrahydro-, 1,1-dioxide,3-(C9-11-isoalkyloxy) derivs., C10-rich	
NOEC	0.63 mg/l /(2DY) (Daphnia magna) 1 mg/l /(4DY) (Oncorhynchus mykiss)
NOEC chronic algae	0.313 mg/l /(3DY) (Selenastrum capricornutum)
EC50	4.6 mg/L (Daphnia magna)
EC50 72h algae 1	63 mg/l (Selenastrum capricornutum)
LC50	3.3 mg/L (Cyprinodon variegatus) 2.4 mg/L (Oncorhynchus mykiss)
CAS: 67124-09-8 1-(tert-dodecylthio)propan-2-ol	
NOEC chronic algae	100 mg/l /(4DY) (Selenastrum capricornutum)
NOEC chronic	0.32 mg/l /(2DY) (Daphnia magna) 0.56 mg/l (Fish)
EC50	0.58 mg/L (Daphnia magna)
EC50 72h algae 1	>100 mg/l (Selenastrum capricornutum)
LC50	>0.75 mg/L (Oncorhynchus mykiss)
Acetamide, 2-hydroxy-, N, N-dicocoalkyl derivs	
NOEC chronic	100 mg/l /(21DY) (Daphnia magna)
EC50	180 mg/L (Daphnia magna)
C14-18 alpha-olefin epoxide, reaction products with boric acid	
NOEC (acute)	32 mg/l /(2DY) (Daphnia magna)
EC50	>100 mg/L (Daphnia magna) >100 mg/L (Selenastrum capricornutum)
LC50	>100 mg/L (Oncorhynchus mykiss)
CAS: 95-38-5 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	
NOEC chronic algae	0.011 mg/l
EC50	0.34 mg/L 0.163 mg/L (Daphnia magna)
EC50 72h algae 1	0.03 mg/l
LC50	0.3 mg/L (Brachydanio rerio)
CAS: 1218787-32-6 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol	
NOEC chronic algae	0.0156 mg/l /(3DY) (Pseudokirchnerella subcapitata)
EC50	0.043 mg/L (Daphnia magna)
EC50 72h algae 1	0.0053 mg/l (Pseudokirchnerella subcapitata)
LC50	0.1 mg/L (Brachydanio rerio)

12.2 Persistence and degradability

CAS: 36878-20-3 Reaction products of Benzeneamine, N-phenyl- with nonene (branched)

Biological degradation	0 % /(28d) (OECD TG 301 B)
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CAS: 398141-87-2 thiophene, tetrahydro-, 1,1-dioxide,3-(C9-11-isoalkyloxy) derivs., C10-rich

Persistence and degradability	Not readily biodegradable.
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BOD (% of ThOD)	9.6 % ThOD /(28DY) (OECD TG 301 F)
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CAS: 67124-09-8 1-(tert-dodecylthio)propan-2-ol

BOD (% of ThOD)	5.9 % ThOD /(28DY) (OECD TG 301 F)
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CAS: 1218787-32-6 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol

BOD (% of ThOD)	63 % ThOD
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12.3 Bioaccumulative potential

CAS: 36878-20-3 Reaction products of Benzeneamine, N-phenyl- with nonene (branched)

Bioconcentration factor (BCF REACH)	1,584.89
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Partition coefficient n-octanol/water (Log Kow)	10.88
CAS: 398141-87-2 thiophene, tetrahydro-, 1,1-dioxide,3-(C9-11-isoalkyloxy) derivs., C10-rich	
Bioaccumulative potential	Potential to bioaccumulate.
Bioconcentration factor (BCF REACH)	27.54
Partition coefficient n-octanol/water (Log Kow)	4.1
CAS: 67124-09-8 1-(tert-dodecylthio)propan-2-ol	
Partition coefficient n-octanol/water (Log Kow)	5.7
C14-18 alpha-olefin epoxide, reaction products with boric acid	
Partition coefficient n-octanol/water (Log Kow)	9.4 /Calc.
CAS: 95-38-5 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	
Partition coefficient n-octanol/water (Log Kow)	>7
CAS: 1218787-32-6 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol	
Partition coefficient n-octanol/water (Log Kow)	3.6
BCF fish 1	110.2 /mg/kg

12.4 Mobility in soil

CAS: 398141-87-2 thiophene, tetrahydro-, 1,1-dioxide,3-(C9-11-isoalkyloxy) derivs., C10-rich

Ecology - soil | Adsorbs into the soil.

Ecotoxicological effects:

Remark: Harmful to fish

Additional ecological information:

General notes:

Harmful to aquatic organisms

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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

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.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

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

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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.

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

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

Department issuing SDS: Produktmanagement

Contact: Produktmanagement

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)
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Corr. 1C: Skin corrosion/irritation – Category 1C
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- Skin Sens. 1B: Skin sensitisation – Category 1B
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- 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 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

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

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