

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

Printing date 30.03.2023

Version number 1.00

Revision: 30.03.2023

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

1.1 Product identifier

Trade name: **CLASSIC GALAR LV 75W-90 GL 4 MB**

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: 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

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: Alkyl amine, Alkyldithiothiadiazol, long chain. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:

CAS: 255881-94-8 | Alkyldithiophosphate

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 255881-94-8 ELINCS: 401-850-9 Reg.nr.: 01-0000015167-71	Alkyldithiophosphate ⚠ Repr. 2, H361; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 PBT	0.25-<1%
EC number: 701-175-2 Reg.nr.: 01-2119456798-18	Alkyl amine ⚠ Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317	0.25-<1%

(Contd. on page 2)

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

Printing date 30.03.2023

Version number 1.00

Revision: 30.03.2023

Trade name: CLASSIC GALAR LV 75W-90 GL 4 MB

(Contd. of page 1)

CAS: 73984-93-7 EC number: 813-543-0 Reg.nr.: 01-2120761104-64	Alkyldithiothiadiazol, long chain ⚠ Skin Sens. 1B, H317; Aquatic Chronic 3, H412	0.1-<1%
CAS: 25307-17-9 EINECS: 246-807-3 Reg.nr.: 01-2119510876-35	ethoxylated amine ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ⚠ Acute Tox. 4, H302	0.01-<0.1%

SVHC

CAS: 255881-94-8 | Alkyldithiophosphate

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: Instantly remove any clothing soiled by the product.

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

After skin contact: Wash with soap and water.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Rinse mouth thoroughly

4.2 Most important symptoms and effects, both acute and delayed

May cause skin and eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

First aid, decontamination, symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters

Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

Protective equipment: In case of combustion use a suitable breathing apparatus. Wear full protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions:

Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.

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.

Stop the flow of material, if this is without risk.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 3)

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

Printing date 30.03.2023

Version number 1.00

Revision: 30.03.2023

Trade name: CLASSIC GALAR LV 75W-90 GL 4 MB

See Section 13 for disposal information.

(Contd. of page 2)

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Observe good industrial hygiene practices. Provide adequate ventilation.

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:

Local regulations concerning handling and storage of waterpolluting products have to be followed.

Do not heat to temperatures near flash point.

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

Further information about storage conditions: None.

Storage class: 10

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 lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls

Ensure sufficient ventilation. Ventilation levels must be adapted to conditions. Where appropriate, use process chambers, local exhaust systems or other engineering controls to maintain airborne concentrations below recommended exposure limits. If no exposure limits have been set, maintain airborne concentrations at an acceptable level.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Do not carry product impregnated cleaning cloths in trouser pockets.

Respiratory protection:

Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.

Hand protection

Avoid prolonged or repeated skin contact. Suitable protective gloves are recommended by the glove supplier. Preventive skin protection with skin protection ointment. Protective gloves where safety permits. The exact breakthrough time should be obtained from the protective glove manufacturer and adhered to, as it depends not only on the glove material but also on factors specific to the workplace.

Material of gloves

Material: Nitrile-butadiene rubber (NBR).

Min. Breakthrough time: ≥ 480 min

Recommended thickness of the material: $\geq 0,38$ mm

(Contd. on page 4)

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

Printing date 30.03.2023

Version number 1.00

Revision: 30.03.2023

Trade name: CLASSIC GALAR LV 75W-90 GL 4 MB

(Contd. of page 3)

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.

Eye/face protection

Goggles recommended during refilling
EN 166

Thermal hazards Not known.

Environmental exposure controls There are no data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	Yellow
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
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:	223 °C
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity at 40 °C	96.5 mm ² /s (DIN 51562-1)
Kinematic at 40°C	
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:	0.84 g/cm ³ (DIN 51757)
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:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Change in condition	
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

(Contd. on page 5)

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

Printing date 30.03.2023

Version number 1.00

Revision: 30.03.2023

Trade name: **CLASSIC GALAR LV 75W-90 GL 4 MB**

(Contd. of page 4)

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 No further relevant information available.

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: Strong oxidizing substances. Strong acids. Strong bases.

10.6 Hazardous decomposition products:

Upon thermal decomposition or combustion, carbon dioxide and other toxic gases and vapors may be released.

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: 255881-94-8 Alkyldithiophosphate

Dermal	LD50 dermal	>5,000 mg/kg (rat)
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CAS: 73984-93-7 Alkyldithiothiadiazol, long chain

Oral	LD50 oral	6,176 mg/kg (rat)
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CAS: 25307-17-9 ethoxylated amine

Oral	LD50 oral	1,350 mg/kg (rat)
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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

Specific substance(s):

Alkyldithiothiadiazole, long chain, OECD 406-1 sensitising

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.

Additional toxicological information:

Dermal	ATE	57,142 mg/kg (Calculated)
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(Contd. on page 6)

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

Printing date 30.03.2023

Version number 1.00

Revision: 30.03.2023

Trade name: **CLASSIC GALAR LV 75W-90 GL 4 MB**

(Contd. of page 5)

Inhalative	ATE Dust/Mist	97.14 mg/L/4h (Calculated)
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11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Alkyl amine

ErC50	0.44 mg/l /72 h (algae)
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NOEC	0.078 mg/L /96 h (Fish)
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CAS: 73984-93-7 Alkyldithiothiadiazol, long chain

LL50	>1,000 mg/l /96 h (Fish)
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EL50	>100 mg/l /72 h (algae)
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	41 mg/l /48 h (Daphnia)
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CAS: 25307-17-9 ethoxylated amine

EC50	0.0867 mg/L /72 h (algae)
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	0.043 mg/L /48 h (Daphnia)
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LC 50	0.1 mg/L /96 h (Fish)
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12.2 Persistence and degradability

CAS: 73984-93-7 Alkyldithiothiadiazol, long chain

Biological degradation	0 % /28 d OECD 301C
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12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT:

CAS: 255881-94-8	Alkyldithiophosphate
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vPvB: Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Remark: Harmful to fish

Additional ecological information:

General notes:

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

13 02 06*	synthetic engine, gear and lubricating oils
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HP14	Ecotoxic
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(Contd. on page 7)

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

Printing date 30.03.2023

Version number 1.00

Revision: 30.03.2023

Trade name: **CLASSIC GALAR LV 75W-90 GL 4 MB**

(Contd. of page 6)

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.

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 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.

Directive 2012/18/EU

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

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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 8)

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

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Version number 1.00

Revision: 30.03.2023

Trade name: CLASSIC GALAR LV 75W-90 GL 4 MB

(Contd. of page 7)

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

Substances of very high concern (SVHC) according to REACH, Article 57

CAS: 255881-94-8 | Alkyldithiophosphate

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.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H361 Suspected of damaging fertility or the unborn child.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

Hazardous to the aquatic environment - long-term (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: product management

Contact: 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)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 4: Acute toxicity – Category 4
- Acute Tox. 3: Acute toxicity – Category 3
- Acute Tox. 2: Acute toxicity – Category 2
- Skin Corr. 1B: Skin corrosion/irritation – Category 1B
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Skin Sens. 1A: Skin sensitisation – Category 1A
- Skin Sens. 1B: Skin sensitisation – Category 1B
- Repr. 2: Reproductive toxicity – Category 2
- 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