

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

Printing and revision 07.03.2019

Version number 13

Modification: 07.03.2019

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

· **1.1 Product identifier**

· **Trade name:** setral PLASTOLUB GK/FD

· **Article number:** 070708meyer

· **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:**

A.H. Meyer & Cie AG
Badenerstrasse 329
Postfach 120
CH-8040 Zürich
Tel. +41 44 498 15 15
Fax +41 44 498 18 25
schmierstoffe@ahmeyer.ch
www.ahmeyer.ch

· **Further information obtainable from:**

E-Mail-Adresse der für das Sicherheitsdatenblatt zuständigen Person:
Herr Rino Anniballo: r.anniballo@ahmeyer.ch

· **1.4 Emergency telephone number:** 0345 300 9923 Incident Contact Center. (Mo-Fr. 8:30-17:00)

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**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· **Description:** Mixture of base oil and additives

· **Dangerous components:**

| | | |
|--|---|--------------|
| CAS: 8042-47-5 EINECS: 232-455-8 | White mineral oil, petroleum Asp. Tox. 1, H304 | 25-50% |
| EC number: 918-167-1 Reg.nr.: 01-2119472146-39-0001 | Hydrocarbons, C11-C12, isoalkanes, <2% aromatics Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 4, H413 | 2.5-10% |
| CAS: 68187-67-7 EINECS: 269-119-5 Reg.nr.: 01-2120286234-55-0001 | Amines, C12-14-alkyl, isooctyl phosphates Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Acute Tox. 4, H312 | ≥0.25- ≤0.5% |
| CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-211955270-46-0000 | Butylated hydroxytoluene Aquatic Acute 1, H400; Aquatic Chronic 1, H410 | ≥0.25- ≤0.5% |

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

(Contd. on page 2)

GB

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

Printing and revision 07.03.2019

Version number 13

Modification: 07.03.2019

Trade name: setral PLASTOLUB GK/FD

(Contd. of page 1)

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** Take affected persons out into the fresh air.

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

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

· **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:**

CO2, sand, extinguishing powder. Do not use water.

Use fire extinguishing methods suitable to surrounding conditions.

· **For safety reasons unsuitable extinguishing agents:** Water

· **5.2 Special hazards arising from the substance or mixture** Do not breathe gases and smokes from fire

· **5.3 Advice for firefighters**

· **Protective equipment:** Mount respiratory protective device.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

An overflow of this product may give slippery surfaces.

· **6.2 Environmental precautions:**

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

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**

No special measures required.

No special precautions are necessary if used correctly.

· **Information about fire - and explosion protection:** Keep respiratory protective device available.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.

· **Information about storage in one common storage facility:** Store away from oxidising agents.

· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

· **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 lists valid during the making were used as basis.

(Contd. on page 3)

GB

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

Printing and revision 07.03.2019

Version number 13

Modification: 07.03.2019

Trade name: setral PLASTOLUB GK/FD

(Contd. of page 2)

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

- **Material of gloves**

Nitrile rubber, NBR

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.

- **Eye protection:**



Safety glasses

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

| | |
|-------------------------|-----------------|
| Form: | Fluid |
| Colour: | Yellow Pale |
| 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:** >100 °C

- **Flammability (solid, gas):** Not applicable.

- **Decomposition temperature:** Not determined.

- **Auto-ignition temperature:** Not determined.

- **Explosive properties:** Product does not present an explosion hazard.

- **Explosion limits:**

| | |
|---------------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

- **Vapour pressure:** Not determined.

- **Density at 20 °C:** 0.843 g/cm³
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with water:** Soluble in hydrocarbons. Insoluble.

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

- **Viscosity:**

| | |
|-------------------|-----------------|
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |

(Contd. on page 4)

GB

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

Printing and revision 07.03.2019

Version number 13

Modification: 07.03.2019

Trade name: setral PLASTOLUB GK/FD

(Contd. of page 3)

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** Stable at environment temperature.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:**
Strong oxyding agents
No further relevant information available.
- **10.6 Hazardous decomposition products:** Hydrocarbons, CO, CO₂

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:**

8042-47-5 Huile minérale blanche

| | | |
|--------|------|-----------------------|
| Oral | LD50 | >5,000 mg/kg (Rat) |
| Dermal | LD50 | >2,000 mg/kg (Rabbit) |

8042-47-5 White mineral oil, petroleum

| | | |
|--------|------|-----------------------|
| Oral | LD50 | >2,000 mg/kg (Rat) |
| Dermal | LD50 | >2,000 mg/kg (Rabbit) |

9044-17-1 Butene, Homopolymere, PIB

| | | |
|------------|------|-----------------------------|
| Oral | LD50 | >34,000 mg/kg (Rat) |
| Dermal | LD50 | >10,000 mg/kg (Rabbit) |
| Inhalative | CL50 | >17 mg/m ³ (Rat) |

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics

| | | |
|--------|------|-----------------------|
| Oral | LD50 | >5,000 mg/kg (Rat) |
| Dermal | LD50 | >5,000 mg/kg (Rabbit) |

68187-67-7 Amines, C12-14-alkyl, isoctyl phosphates

| | | |
|--------|------|------------------------------|
| Oral | LD50 | 1,000 mg/kg (Rat) (OCDE 423) |
| Dermal | LD50 | 2,000 mg/kg (Rabbit) |

80939-62-4 Amine Phosphate

| | | |
|--------|------|-------------------------------|
| Oral | LD50 | >5,000 mg/kg (Rat) (OCDE 401) |
| Dermal | LD50 | >2,000 mg/kg (Rat) (OCDE 402) |

128-37-0 Butylated hydroxytoluene

| | | |
|--------|------|-------------------------------|
| Oral | LD50 | >5,000 mg/kg (Rat) (OCDE 401) |
| Dermal | LD50 | >5,000 mg/kg (Rat) (OCDE 402) |

68411-46-1 Product of the reaction of the n-phenyl-benzenamine and the 2,4,4-trimethylpentene

| | | |
|--------|------|-------------------------------|
| Oral | LD50 | >5,000 mg/kg (Rat) (OCDE 401) |
| Dermal | LD50 | >2,000 mg/kg (Rat) (OCDE 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.
- **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.

(Contd. on page 5)

GB

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

Printing and revision 07.03.2019

Version number 13

Modification: 07.03.2019

Trade name: setral PLASTOLUB GK/FD

(Contd. of page 4)

SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:****8042-47-5 Huile minérale blanche**

| | |
|----------|----------------------------------|
| CL50-96H | >100 mg/l (Fish) (OECD 203) |
| CE50 | >100 mg/l (Algea) (OCDE 201 48h) |
| | >100 mg/l (Daphnia) (48h) |
| NOEC | ≥100 mg/l (Algea) (72h) |
| | 10 mg/l (Daphnia) (21d) |
| | >1,000 mg/l (Fish) (21d) |

9044-17-1 Butene, Homopolymere, PIB

| | |
|-------|-----------------------|
| CL96h | >1,000 mg/l (Fish) |
| CE50 | >1,000 mg/l (Daphnia) |

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics

| | |
|-------------|--------------------------|
| CL/CE/CI 50 | >100 mg/l (Invertebrate) |
|-------------|--------------------------|

68187-67-7 Amines, C12-14-alkyl, isoocetyl phosphates

| | |
|------------------|----------------------------------|
| CL0 | 1 mg/l (Fish) (96h) |
| CE50 | 0.8 mg/l (Algea) (72h) |
| | 17 mg/l (Daphnia) (48h OCDE 202) |
| Biodegradability | 35 % (Biodegradability) (28d) |

80939-62-4 Amine Phosphate

| | |
|------------|------------------------------------|
| CE0 | ≥1 mg/l (Daphnia) (48h OCDE 202) |
| CL50-96H | 5.5 mg/l (Fish) (OCDE 203) |
| OCDE 301 B | 12-13 % (Biodegradability) (28d) |
| CE50 | >10 mg/l (Algea) (72h OCDE 201) |
| | >100 mg/l (Bacteria) (3h OCDE 209) |
| NOEC | >10 mg/l (Daphnia) (21d OCDE 211) |

128-37-0 Butylated hydroxytoluene

| | |
|------|-------------------------|
| CL0 | 0.57 mg/l (Fish) |
| CI50 | >0.4 mg/l (Algea) |
| CE50 | >10,000 mg/l (Bacteria) |
| | 0.61 mg/l (Daphnia) |
| NOEC | 0.316 mg/l (Daphnia) |

68411-46-1 Product of the reaction of the n-phenyl-benzenamine and the 2,4,4-trimethylpentene

| | |
|----------|---------------------------------|
| CL50-96H | >100 mg/l (Fish) (OCDE 203) |
| CE50 | >100 mg/l (Algea) (OCDE 201) |
| | >100 mg/l (Bacteria) (OCDE 209) |
| | 51 mg/l (Daphnia) (OCDE 202) |

· **12.2 Persistence and degradability** No further relevant information available.· **12.3 Bioaccumulative potential** No further relevant information available.· **12.4 Mobility in soil** No further relevant information available.· **Additional ecological information:**· **General notes:**

Water hazard class 2 (German Regulation) : hazardous for water
Do not allow product to reach ground water, water course or sewage system.
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.

(Contd. on page 6)

GB

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

Printing and revision 07.03.2019

Version number 13

Modification: 07.03.2019

Trade name: setral PLASTOLUB GK/FD

(Contd. of page 5)

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 05* mineral-based non-chlorinated engine, gear and lubricating oils

· **Uncleaned packaging:**· **Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, ADN, IMDG, IATA** Void· **14.2 UN proper shipping name**· **ADR, ADN, IMDG, IATA** Void· **14.3 Transport hazard class(es)**· **ADR, ADN, IMDG, IATA**· **Class** Void· **14.4 Packing group**· **ADR, IMDG, IATA** Void· **14.5 Environmental hazards:**· **Marine pollutant:** No· **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":** Void**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 (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3· **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**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

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:** see item 1· **Abbreviations and acronyms:**

Flam. Liq. 3: Flammable liquids – Category 3

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

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

(Contd. on page 7)

GB

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

Printing and revision 07.03.2019

Version number 13

Modification: 07.03.2019

Trade name: setral PLASTOLUB GK/FD

(Contd. of page 6)

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

. * **Data compared to the previous version altered.**

GB