

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

Printing date 02.01.2017

Version number 1

Revision: 02.01.2017

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

- 1.1 Product identifier

- Trade name: **SEMPER**

- 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Sector of Use SU21 Consumer uses: Private households / general public / consumers

- Application of the substance / the mixture Car shampoo

- Uses advised against

The mixture is not recommended for industrial, professional and consumer applications not specified as relevant identified uses

- 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

MA-FRA S.p.A.

Via Aquileia, 44/46

20021 Baranzate (MI) ITALIA

mafra@mafra.it

Tel. +39 023569981

- Informing department:

info@mafra.it

E-mail: lab@mafra.it

- 1.4 Emergency telephone number: Contact the local hospital or the poison control center closest to you

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

- 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



GHS07

- Signal word Warning

- Hazard statements

H319 Causes serious eye irritation.

- Precautionary statements

P102 Keep out of reach of children.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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.

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- **vPvB**: Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**- **Description:** Mixture of substances- **Dangerous components:**

| | | |
|---|---|-----|
| CAS: 68515-73-1 Reg.nr.: 01-2119488530-36 | Alkyl polyglucosyde C8-C10 ☞ Eye Dam. 1, H318 | <2% |
| | Sodium Laureth Sulphate ! Skin Irrit. 2, H315; Eye Irrit. 2, H319 | <2% |
| CAS: 141-43-5 EINECS: 205-483-3 | 2-aminoethanol ☞ Skin Corr. 1B, H314; ! Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332 | <2% |
| CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60 | (2-methoxymethylethoxy)propanol ! Eye Irrit. 2, H319 | <2% |

- **Regulation (EC) No 648/2004**

non-ionic surfactants, anionic surfactants, EDTA and salts thereof

< 5%

perfumes

- **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** In case of unconsciousness bring patient into stable side position for transport.- **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

Instantly rinse with water.

- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.- **After swallowing**

Do not induce vomiting; instantly call for medical help.

Drink copious amounts of water and provide fresh air. Instantly call for doctor.

- **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, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.- **5.2 Special hazards arising from the substance or mixture**

Can be released in case of fire

Carbon monoxide (CO)

- **5.3 Advice for firefighters**- **Protective equipment:** Do not inhale explosion gases or combustion gases.- **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** 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).
Use neutralising agent.
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **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 information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** Protect from heat.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class**
- **Class according to regulation on inflammable liquids:** Void
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- 8.1 Control parameters

- **Components with limit values that require monitoring at the workplace:**

141-43-5 2-aminoethanol

| | |
|-----|---|
| WEL | Short-term value: 7.6 mg/m ³ , 3 ppm |
| | Long-term value: 2.5 mg/m ³ , 1 ppm |
| | Sk |

34590-94-8 (2-methoxymethylethoxy)propanol

| | |
|-----|---|
| WEL | Long-term value: 308 mg/m ³ , 50 ppm |
| | Sk |

- DNELs

7664-93-9 sulphuric acid

| | | |
|------------|--------------------------|---|
| Inhalative | Local long-term effects | 0.05 mg/m ³ (Industrial Workers) |
| | Local short-term effects | 0.1 mg/m ³ (Industrial Workers) |

- **Additional information:** The lists that were valid during the compilation were used as basis.

- 8.2 Exposure controls

- **Personal protective equipment**
- **General protective and hygienic measures**
Keep away from foodstuffs, beverages and food.
Take off immediately all contaminated clothing

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Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

- **Breathing equipment:** Not required.

- **Protection of hands:**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

Nitrile rubber, NBR

Neoprene gloves

- **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:**



Tightly sealed safety glasses.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

Form: Liquid

Colour: Yellow

- **Odour:** Pleasant

- **Odour threshold:** Not determined.

- **pH-value at 20 °C:** 7

- Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: 100 °C

- **Flash point:** Not applicable

- **Inflammability (solid, gaseous)** Not applicable.

- **Ignition temperature:** > 200 °C

- **Decomposition temperature:** Not determined.

- **Self-inflammability:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive.

- Critical values for explosion:

Lower: Not determined.

Upper: Not determined.

- **Vapour pressure at 20 °C:** 23 hPa

- **Density at 20 °C** 1.04 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 at 20 °C:** 1000 - 2000 cPs

- **dynamic:** Not determined.

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- | | |
|-------------------------|--|
| - kinematic: | Not determined. |
| - Solvent content: | |
| Organic solvents: | 1.2 % |
| Water: | 94.1 % |
| - 9.2 Other information | No further relevant information available. |

SECTION 10: Stability and reactivity

- 10.1 Reactivity Stable under normal 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 dangerous reactions known
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 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 that are relevant for classification:

141-43-5 2-aminoethanol

| | | |
|--------|------|------------------|
| Oral | LD50 | 2050 mg/Kg (rat) |
| Dermal | LD50 | 1000 mg/Kg (rbt) |

27176-87-0 dodecylbenzenesulphonic acid

| | | |
|------|------|------------------|
| Oral | LD50 | 1150 mg/Kg (rat) |
|------|------|------------------|

34590-94-8 (2-methoxymethylethoxy)propanol

| | | |
|--------|------|------------------|
| Oral | LD50 | 5135 mg/Kg (rat) |
| Dermal | LD50 | 9500 mg/Kg (rat) |

105-53-3 Malonic ester

| | | |
|------|------|-------------------|
| Oral | LD50 | 15000 mg/Kg (rat) |
|------|------|-------------------|

- Primary irritant effect:
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation
Causes serious eye irritation.
- 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: No further relevant information available.
- 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.

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- 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 bodies or sewage system.**Must not reach sewage water or drainage ditch undiluted or unneutralised.**Danger to drinking water if even small quantities leak into soil.**The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.***- 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***Must not be disposed of together with household garbage. Do not allow product to reach sewage system.**Can be deposited with household garbage with prior chemical-physical or biological treatment following consultations with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.***- Uncleaned packagings:****- Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****- UN-Number****- ADR** Void**- 14.2 UN proper shipping name****- ADR** Void**- 14.3 Transport hazard class(es)****- ADR****- Class** Void**- Packing group****- ADR** Void**- 14.5 Environmental hazards:**

Not applicable.

- 14.6 Special precautions for user

Not applicable.

- Stowage Category

B

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

Not applicable.

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**- National regulations****- Classification according to VbF:** Void

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- Technical instructions (air):

| Class | Share in % |
|--------|------------|
| Wasser | 94.1 |
| NK | 1.2 |

- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information****- Relevant phrases***H302 Harmful if swallowed.**H312 Harmful in contact with skin.**H314 Causes severe skin burns and eye damage.**H315 Causes skin irritation.**H318 Causes serious eye damage.**H319 Causes serious eye irritation.**H332 Harmful if inhaled.*- **Department issuing data specification sheet:** Ma-Fra Laboratories- **Contact:** lab@mafra.it**- 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)**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)**VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)**DNEL: Derived No-Effect Level (REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Acute Tox. 4: Acute toxicity – Category 4**Skin Corr. 1B: Skin corrosion/irritation – Category 1B**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*- *** Data compared to the previous version altered.**