

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

Printing date 04.04.2022

Version number 3 (replaces version 2)

Revision: 04.04.2022

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

- **1.1 Product identifier**
- **Trade name: SHAMPOO POWER**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Life cycle stages C** Consumer use
- **Sector of Use SU21** Consumer uses: Private households / general public / consumers
- **Product category PC35** Washing and cleaning products (including solvent based products)
- **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. a Socio Unico
Via Aquileia, 44/46
20021 Baranzate (MI) ITALIA
Tel. +39 023569981
www.mafra.com
mafra@mafra.it
- **Informing department:**
E-mail: lab@mafra.it
info@mafra.it
- **1.4 Emergency telephone number:** In case of accident call the emergency number 112

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified as hazardous according to the CLP Regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**
EUH208 Contains 1,2-benzisothiazolin-3-one. 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 Mixtures**
- **Description:** Mixture of substances

- Dangerous components:

CAS: 99924-49-9	Alkyl benzene sulfonic of ethanolamine neutralize	5-10%
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	

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CAS: 68585-34-2 NLP: 500-223-8	Lauryl ethere sulphate ⚠ Eye Irrit. 2, H319	3-<5%
CAS: 2634-33-5 EINECS: 220-120-9	1,2-benzisothiazolin-3-one ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	<0.05%

- Regulation (EC) No 648/2004

anionic surfactants	≥5 - <15%
amphoteric surfactants, perfumes	<5%
preservation agents (Sodium pyrithione, BENZISOTHIAZOLINONE)	

- 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** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** In case of persistent symptoms consult doctor.

- 4.2 Most important symptoms and effects, both acute and delayed

Sickness

No further relevant information available.

- 4.3 Indication of any immediate medical attention and special treatment needed

If swallowed, gastric irrigation

Medical supervision for at least 48 hours

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.
Use fire fighting measures that suit the environment.**- 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.

Protection means for respiratory tract

- Additional information

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

SECTION 6: Accidental release measures**- 6.1 Personal precautions, protective equipment and emergency procedures**

Protective gloves. (EN 374)

Particular danger of slipping on leaked/spilled product.

- For non-emergency personnel

Ensure adequate ventilation

Keep away from ignition sources

Wear protective clothing.

Product forms slippery surface when combined with water.

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- For emergency responders

PVC gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.1 mm**- 6.2 Environmental precautions:**

Dilute with much water.

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 of the material collected according to regulations.

- 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**

No special measures required.

Take off immediately all contaminated clothing

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

Do not eat, drink or smoke while working.

- 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:** None.**- 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****- 8.1 Control parameters****- Components 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**9004-82-4 Sodium Laureth Sulphate**

Oral	Systemic Long-term Effects	15 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	2,750 mg/Kg bw/day (Industrial Workers) 1,650 mg/Kg bw/day (Consumers)
Inhalative	Systemic long-term effects	175 mg/m ³ (Industrial Workers) 52 mg/m ³ (Consumers)

147170-44-3 Cocamidopropyl Betaine

Oral	Systemic Long-term Effects	7.5 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	12.5 mg/Kg bw/day (Industrial Workers) 7.5 mg/Kg bw/day (Consumers)
Inhalative	Systemic long-term effects	44 mg/m ³ (Industrial Workers) 13.4 mg/m ³ (Consumers)

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- PNECs**9004-82-4 Sodium Laureth Sulphate**

PNEC STP	10,000 mg/L (STP)
Soil	7.5 mg/Kg (Soil)
Soft Water	0.24 mg/L (Water)
Sea water	0.024 mg/L (Water)
Sediment (soft water)	0.917 mg/Kg (Soil)
Sediment (sea water)	0.092 mg/Kg (Soil)

147170-44-3 Cocamidopropyl Betaine

PNEC STP	3,000 mg/L (STP)
Soil	0.8 mg/Kg (Soil)
Soft Water	0.013 mg/L (Water)
Sea water	0.001 mg/L (Water)
Sediment (soft water)	14.8 mg/Kg (Water)
Sediment (sea water)	1.48 mg/Kg (Soil)

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

- 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures** Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not required.
- **Hand protection**



Protective gloves. (EN 374)

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
Preventive skin protection by use of skin-protecting agents is recommended.

- Material of gloves

PVC gloves

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.1 mm**- Penetration time of glove material**

For the mixture of chemicals mentioned below the penetration time has to be at least 15 minutes (Permeation according to EN 16523-1:2015: Level 1).

- Eye/face protection

Safety glasses recommended during refilling.

- **Environmental exposure controls** Non contaminated packagings can be used for recycling.

SECTION 9: Physical and chemical properties

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

- | | |
|---------------------------|-----------------|
| - Physical state | Fluid |
| - Colour: | Red |
| - Odour: | Fruit-like |
| - Odour threshold: | Not determined. |

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- Melting point/freezing point:	Not determined
- Boiling point or initial boiling point and boiling range	100 °C (7732-18-5 water, distilled, conductivity or of similar purity)
- Flammability	Not applicable.
- Lower and upper explosion limit	
- Lower:	Not determined.
- Upper:	Not determined.
- Flash point:	Not applicable
- Self-inflammability:	Product is not selfigniting.
- Decomposition temperature:	Not determined.
- pH at 20 °C	7.5
- Viscosity:	
- Kinematic viscosity	Not determined.
- dynamic at 20 °C:	500 mPas
- Solubility	
- Water:	Fully miscible
- Partition coefficient n-octanol/water (log value)	Not determined.
- Vapour pressure at 20 °C:	23 hPa
- Density and/or relative density	
- Density at 20 °C	1.02 g/cm ³
- 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.	
- Explosive properties:	Product is not explosive.
- 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
- 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 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

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- **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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity**

- **LD/LC50 values that are relevant for classification:**

9004-82-4 Sodium Laureth Sulphate

Oral	LD50	>2,000 mg/Kg (Rat)
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147170-44-3 Cocamidopropyl Betaine

Oral	LD50	2,335 mg/Kg (Rat)
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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:**

9004-82-4 Sodium Laureth Sulphate

LC50 (96h)	>1 mg/L (Fish)
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EC50 (48h)	7.2 mg/L (Daphnia)
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EC50 (72h)	7.5 mg/L (Algae)
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147170-44-3 Cocamidopropyl Betaine

LC50 (96h)	1.11 mg/L (Fish)
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EC50 (72h)	>1.5 mg/L (Algae)
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- **12.2 Persistence and degradability** The contained surfactants are easily biodegradable

- **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:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects**

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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.

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.

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- **Uncleaned packagings:**
- **Recommendation:** Non contaminated packagings can be used for recycling.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- | | |
|--|--|
| - 14.1 UN number or ID 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 Maritime transport in bulk according to IMO instruments | Not applicable. |
| - Transport/Additional information: | Not dangerous according to the above specifications. |

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.
- National regulations
- Classification according to VbF: Void
- Water hazard class: Water hazard class 1 (Self-assessment): slightly 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.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
- **Department issuing data specification sheet:** Ma-Fra Laboratories
- **Contact:** lab@mafra.it
- **Abbreviations and acronyms:**
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
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

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*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)**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**Acute Tox. 4: Acute toxicity – Category 4**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**Skin Sens. 1: Skin sensitisation – Category 1**Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1***- * Data compared to the previous version altered.**

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