

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

Printing date 11.04.2022

Version number 1

Revision: 11.04.2022

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

- **1.1 Product identifier**
- **Trade name: ALL PURPOSE CLEANER**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Life cycle stages**
  - C Consumer use
  - PW Widespread use by professional workers
- **Sector of Use**
  - SU21 Consumer uses: Private households / general public / consumers
  - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category PC35** Washing and cleaning products (including solvent based products)
- **Application of the substance / the mixture**
  - Exterior vehicle cleaner
  - Interior vehicle cleaner
- **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](http://www.mafra.com)
  - [mafra@mafra.it](mailto:mafra@mafra.it)
- **Informing department:** [info@mafra.it](mailto: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
- **Precautionary statements**
  - P102 Keep out of reach of children.
- **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

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**- Dangerous components:**

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

phosphonates, phosphates, cationic surfactants, non-ionic surfactants, perfumes (LINALOOL, GERANIOL, Alpha Hexyl Cinnamaldehyde, (R)-p-mentha-1,8-diene)	<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**CO<sub>2</sub>, 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**

Particular danger of slipping on leaked/spilled product.

Protective gloves. (EN 374)

**- For non-emergency personnel**

Ensure adequate ventilation

Keep away from ignition sources

Wear protective clothing.

**- For emergency responders**

Recommended thickness of the material: ≥ 0.1 mm

Nitrile rubber, NBR

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**- 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****2809-21-4 1-hydroxy ethylidene-1,1diphosphonic acid**

Oral Systemic Long-term Effects 13 mg/Kg bw/day (Consumers)

Systemic short-term effects 13 mg/m<sup>3</sup> (Industrial Workers)6.5 mg/m<sup>3</sup> (Consumers)

Dermal Systemic long-term effects 13 mg/Kg bw/day (Industrial Workers)

**7320-34-5 tetrapotassium pyrophosphate**

Oral Systemic Long-term Effects &gt;70 mg/Kg bw/day (Consumers)

Inhalative Local long-term effects 2.79 mg/m<sup>3</sup> (Industrial Workers)Systemic long-term effects 17.63 mg/m<sup>3</sup> (Industrial Workers)4.35 mg/m<sup>3</sup> (Consumers)**1310-58-3 potassium hydroxide**Inhalative Local long-term effects 1 mg/m<sup>3</sup> (Industrial Workers)1 mg/m<sup>3</sup> (Consumers)Systemic long-term effects 1 mg/m<sup>3</sup> (Industrial Workers)1 mg/m<sup>3</sup> (Consumers)**110615-47-9 Alkyl Polyglucosyde C10-C16**

Oral Systemic Long-term Effects 35.7 mg/Kg bw/day (Consumers)

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Dermal	Systemic long-term effects	357,000 mg/Kg bw/day (Consumers)
Inhalative	Systemic long-term effects	420 mg/m <sup>3</sup> (Industrial Workers) 124 mg/m <sup>3</sup> (Consumers)

**68515-73-1 Alkyl polyglucosyde C8-C10**

Oral	Systemic Long-term Effects	35.7 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	595,000 mg/Kg bw/day (Industrial Workers) 357,000 mg/Kg bw/day (Consumers)
Inhalative	Systemic long-term effects	420 mg/m <sup>3</sup> (Industrial Workers) 124 mg/m <sup>3</sup> (Consumers)

**- PNECs****2809-21-4 1-hydroxy ethylidene-1,1diphosphonic acid**

PNEC STP	20 mg/L (STP)
Soil	96 mg/Kg (Soil)
Soft Water	0.136 mg/L (Water)
Sea water	0.0136 mg/L (Water)
Sediment (soft water)	59 mg/Kg (Soil)
Sediment (sea water)	5.9 mg/Kg (Soil)

**7320-34-5 tetrapotassium pyrophosphate**

PNEC STP	50 mg/L (STP)
Soft Water	0.05 mg/L (Water)
Sea water	0.005 mg/L (Water)
Occasional Emission	0.5 mg/L (Water)

**110615-47-9 Alkyl Polyglucosyde C10-C16**

PNEC STP	5,000 mg/L (STP)
Soil	0.654 mg/Kg (Soil)
Sea water	0.018 mg/L (Water)
Sediment (soft water)	1.516 mg/Kg (Soil)
Sediment (sea water)	0.065 mg/Kg (Water)

**68515-73-1 Alkyl polyglucosyde C8-C10**

PNEC STP	560 mg/L (STP)
Soil	0.654 mg/Kg (Soil)
Soft Water	0.176 mg/L (Water)
Sea water	0.0176 mg/L (Water)
Sediment (soft water)	1.516 mg/Kg (Soil)
Sediment (sea water)	0.152 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**  
Be sure to clean skin thoroughly after work and before breaks.  
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.

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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**Recommended thickness of the material:  $\geq 0.1$  mm

Nitrile rubber, NBR

**- 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** Disposal must be made according to official regulations.

## SECTION 9: Physical and chemical properties

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

<b>- Physical state</b>	Fluid
<b>- Colour:</b>	Colourless
<b>- Odour:</b>	Pleasant
<b>- Odour threshold:</b>	Not determined.
<b>- Melting point/freezing point:</b>	0 °C
<b>- Boiling point or initial boiling point and boiling range</b>	100 °C
<b>- Flammability</b>	Not applicable.
<b>- Lower and upper explosion limit</b>	
<b>- Lower:</b>	Not determined.
<b>- Upper:</b>	Not determined.
<b>- Flash point:</b>	Not applicable
<b>- Self-inflammability:</b>	Product is not selfigniting.
<b>- Decomposition temperature:</b>	Not determined.
<b>- pH at 20 °C</b>	10.5
<b>- Viscosity:</b>	
<b>- Kinematic viscosity</b>	Not determined.
<b>- dynamic:</b>	Not determined.
<b>- Solubility</b>	
<b>- Water:</b>	Fully miscible
<b>- Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>- Vapour pressure at 20 °C:</b>	23 hPa
<b>- Density and/or relative density</b>	
<b>- Density at 20 °C</b>	1.03 g/cm <sup>3</sup>
<b>- Relative density</b>	Not determined.
<b>- Vapour density</b>	Not determined.

**- 9.2 Other information**

<b>- Appearance:</b>	
<b>- Form:</b>	Fluid
<b>- Important information on protection of health and environment, and on safety.</b>	
<b>- Explosive properties:</b>	Product is not explosive.
<b>- Change in condition</b>	
<b>- Evaporation rate</b>	Not determined.

**- Information with regard to physical hazard classes**

<b>- Explosives</b>	Void
<b>- Flammable gases</b>	Void

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- 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
- 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:

7320-34-5 tetrapotassium pyrophosphate

Oral LD50 &gt;2,000 mg/Kg (Mouse)

Dermal LD50 &gt;2,000 mg/Kg (Rat)

1554325-20-0 Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride

Oral LD50 833 mg/Kg (Rat)

78330-20-8 Ethoxy Alcohol C9-C11

Oral LD50 300-2,000 mg/Kg (Rat)

68439-46-3 Ethoxy Alcohol C9-C11

Oral LD50 &gt;2,000 mg/Kg (Rat)

Dermal LD50 &gt;2,000 mg/Kg (Rabbit)

68515-73-1 Alkyl polyglucosyde C8-C10

Oral LD50 &gt;2,000 mg/Kg (Rat)

Dermal LD50 &gt;2,000 mg/Kg (Rat)

- 11.2 Information on other hazards

- Endocrine disrupting properties

None of the ingredients is listed.

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## SECTION 12: Ecological information

### - 12.1 Toxicity

#### - Aquatic toxicity:

##### 2809-21-4 1-hydroxy ethylidene-1,1diphosphonic acid

LC50 (96h)	195 mg/L (Fish)
EC50 (48h)	527 mg/L (Daphnia)
EC50 (96h)	7.2 mg/L (Algae)

##### 7320-34-5 tetrapotassium pyrophosphate

LC50 (96h)	100 mg/L (Fish)
EC50 (48h)	100 mg/L (Daphnia)
EC50 (72h)	100 mg/L (Algae)

##### 1554325-20-0 Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride

LC50 (96h)	>10-100 mg/L (Fish)
EC50 (48h)	>1-10 mg/L (Daphnia)
EC50 (72h)	>1-10 mg/L (Algae)

##### 1310-58-3 potassium hydroxide

LC50 (96h)	80 mg/L (Fish)
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##### 78330-20-8 Ethoxy Alcohol C9-C11

LC50 (96h)	>100 mg/L (Fish)
EC50 (48h)	>100 mg/L (Daphnia)
EC50 (72h)	>100 mg/L (Algae)

##### 68439-46-3 Ethoxy Alcohol C9-C11

LC50 (96h)	>1-10 mg/L (Fish)
EC50 (48h)	>1-10 mg/L (Daphnia)
EC50 (72h)	>1-10 mg/L (Algae)

##### 110615-47-9 Alkyl Polyglucosyde C10-C16

LC50 (96h)	2.95 mg/L (Fish)
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##### 68515-73-1 Alkyl polyglucosyde C8-C10

LC50 (96h)	126 mg/L (Fish)
EC50 (48h)	>100 mg/L (Daphnia)
EC50 (72h)	27.22 mg/L (Algae)

- 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.

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### 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.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |  |                 |
|--|-----------------|
| - <b>14.1 UN number or ID number</b><br>- <b>ADR, IMDG, IATA</b>                       | Void            |
| - <b>14.2 UN proper shipping name</b><br>- <b>ADR, IMDG, IATA</b>                      | Void            |
| - <b>14.3 Transport hazard class(es)</b><br>- <b>ADR, IMDG, IATA</b><br>- <b>Class</b> | Void            |
| - <b>14.4 Packing group</b><br>- <b>ADR, IMDG, IATA</b>                                | Void            |
| - <b>14.5 Environmental hazards:</b>   | Not applicable. |
| - <b>14.6 Special precautions for user</b>   | Not applicable. |
| - <b>14.7 Maritime transport in bulk according to IMO instruments</b>                  | 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.
- **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.  
H400 Very toxic to aquatic life.
- **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)  
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

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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

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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