

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

Printing date 23.02.2021

Version number 1

Revision: 23.02.2021

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

- **1.1 Product identifier**
- **Trade name: INTERIOR CLEANER PURIFIER**
- **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** 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
 - mafra@mafra.it
- **Informing department:** 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**
 - 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**
 - P102 Keep out of reach of children.
 - 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 Mixtures**
- **Description:** Mixture of substances

(Contd. on page 2)

GB

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

Printing date 23.02.2021

Version number 1

Revision: 23.02.2021

Trade name: INTERIOR CLEANER PURIFIER

(Contd. of page 1)

- Dangerous components:		
CAS: 2372-82-9 EINECS: 219-145-8	<i>N</i> -(3-aminopropyl)- <i>N</i> -dodecylpropane-1,3-diamine ⚠ Acute Tox. 3, H301; ⚠ STOT RE 2, H373; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1)	<1%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60	Dipropylene glycol monomethyl ether ⚠ Eye Irrit. 2, H319	<1%
- Regulation (EC) No 648/2004		
non-ionic surfactants, phosphates, perfumes (LINALOOL)		<5%
- 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)**- For non-emergency personnel**

Ensure adequate ventilation

Keep away from ignition sources

Wear protective clothing.

- For emergency responders Nitrile rubber, NBR**- 6.2 Environmental precautions:**

Inform respective authorities in case product reaches water or sewage system.

Dilute with much water.

Do not allow to enter drainage system, surface or ground water.

(Contd. on page 3)

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

Printing date 23.02.2021

Version number 1

Revision: 23.02.2021

Trade name: **INTERIOR CLEANER PURIFIER**

(Contd. of page 2)

- 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of 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 information on disposal.

SECTION 7: Handling and storage**- 7.1 Precautions for safe handling**

No special measures required.
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:

34590-94-8 Dipropylene glycol monomethyl ether

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

- DNELs**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 ³ (Industrial Workers) 124 mg/m ³ (Consumers)

56-81-5 glycerol

Oral	Systemic Long-term Effects	229 mg/Kg bw/day (Consumers)
Inhalative	Local long-term effects	56 mg/m ³ (Industrial Workers) 33 mg/m ³ (Consumers)

2372-82-9 N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

Oral	Systemic Long-term Effects	0.2 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	0.91 mg/Kg bw/day (Industrial Workers) 0.54 mg/Kg bw/day (Consumers)
Inhalative	Systemic long-term effects	2.35 mg/m ³ (Industrial Workers) 0.7 mg/m ³ (Consumers)

7320-34-5 tetrapotassium pyrophosphate

Oral	Systemic Long-term Effects	>70 mg/Kg bw/day (Consumers)
Inhalative	Local long-term effects	2.79 mg/m ³ (Industrial Workers)

(Contd. on page 4)

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

Printing date 23.02.2021

Version number 1

Revision: 23.02.2021

Trade name: INTERIOR CLEANER PURIFIER

(Contd. of page 3)

	Systemic long-term effects	17.63 mg/m ³ (Industrial Workers) 4.35 mg/m ³ (Consumers)
34590-94-8 Dipropylene glycol monomethyl ether		
Dermal	Systemic long-term effects	65 mg/Kg bw/day (Industrial Workers) 37.2 mg/Kg bw/day (Consumers)
Inhalative	Systemic long-term effects	310 mg/m ³ (Industrial Workers)
- PNECs		
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)
56-81-5 glycerol		
Soil		0.141 mg/Kg (Soil)
Soft Water		0.885 mg/L (Water)
Sea water		0.00885 mg/L (Water)
Sediment (soft water)		3.3 mg/Kg (Soil)
Sediment (sea water)		0.33 mg/Kg (Soil)
2372-82-9 N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine		
PNEC STP		1.33 mg/L (STP)
Soil		45.34 mg/Kg (Soil)
Soft Water		0.001 mg/L (Water)
Sea water		0.0001 mg/L (Water)
Sediment (soft water)		8.5 mg/Kg (Soil)
Sediment (sea water)		0.85 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)
34590-94-8 Dipropylene glycol monomethyl ether		
Soil		2.74 mg/Kg (Soil)
Soft Water		19 mg/L (Water)
Sea water		1.9 mg/L (Water)
Sediment (soft water)		70.2 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)

(Contd. on page 5)

GB

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

Printing date 23.02.2021

Version number 1

Revision: 23.02.2021

Trade name: INTERIOR CLEANER PURIFIER

(Contd. of page 4)

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

- **Penetration time of glove material**

For the mixture of chemicals mentioned below the penetration time has to be at least 30 minutes (Permeation according to EN 16523-1:2015: Level 2).

- **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

- Physical state	Fluid
- Colour:	Colourless
- Odour:	Pleasant
- Odour threshold:	Not determined.
- Melting point/freezing point:	0 °C
- 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	11
- Viscosity:	
- Kinematic viscosity	Not determined.
- dynamic at 20 °C:	0.952 mPas
- Solubility	
- Water:	Fully miscible
- Partition coefficient n-octanol/water (log value)	Not determined.
- Vapour pressure at 20 °C:	23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)
- Density and/or relative density	
- Density at 20 °C	1 g/cm ³
- Relative density	Not determined.
- Vapour density	Not determined.

- 9.2 Other information

- Appearance:	
- Form:	Liquid
- 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

(Contd. on page 6)

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

Printing date 23.02.2021

Version number 1

Revision: 23.02.2021

Trade name: INTERIOR CLEANER PURIFIER

(Contd. of page 5)

- 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 Based on available data, the classification criteria are not met.

- LD/LC50 values that are relevant for classification:

68515-73-1 Alkyl polyglucosyde C8-C10

Oral LD50 >2,000 mg/Kg (Rat)

Dermal LD50 >2,000 mg/Kg (Rat)

78330-20-8 Ethoxy Alcohol C9-C11

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

56-81-5 glycerol

Oral LD50 12,600 mg/Kg (Rat)

Dermal LD50 >18,700 mg/Kg (Rabbit)

2372-82-9 N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

Oral LD50 261 mg/Kg (Rat)

7320-34-5 tetrapotassium pyrophosphate

Oral LD50 >2,000 mg/Kg (Mouse)

Dermal LD50 >2,000 mg/Kg (Rat)

34590-94-8 Dipropylene glycol monomethyl ether

Oral LD50 5,135 mg/Kg (Rat)

Dermal LD50 >19,020 mg/Kg (Rabbit)

9,500 mg/Kg (Rat)

- 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.

(Contd. on page 7)

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

Printing date 23.02.2021

Version number 1

Revision: 23.02.2021

Trade name: INTERIOR CLEANER PURIFIER

(Contd. of page 6)

- **Respiratory or skin sensitisation** 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.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

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)

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)

56-81-5 glycerol

LC50 (96h)	>5,000 mg/L (Fish)
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2372-82-9 N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

LC50 (96h)	0.1-1 mg/L (Fish)
EC50 (48h)	0.01-0.1 mg/L (Daphnia)
EC50 (72h)	0.01-0.1 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)

34590-94-8 Dipropylene glycol monomethyl ether

LC50 (96h)	>1,000 mg/L (Fish)
EC50 (48h)	1,919 mg/L (Daphnia)
EC50 (96h)	>969 mg/L (Algae)
EC50 (72h)	>969 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

(Contd. on page 8)

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

Printing date 23.02.2021

Version number 1

Revision: 23.02.2021

Trade name: **INTERIOR CLEANER PURIFIER**

(Contd. of page 7)

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

SECTION 14: Transport information

- | | |
|--|-----------------|
| - 14.1 UN number or ID number
- ADR, IMDG, IATA | Void |
| - 14.2 UN proper shipping name
- ADR, IMDG, IATA | Void |
| - 14.3 Transport hazard class(es)
- ADR, IMDG, IATA
- Class | Void |
| - 14.4 Packing group
- ADR, IMDG, IATA | Void |
| - 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. |

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

- **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.

- **National regulations**
- **Classification according to VbF:** Void
- **Technical instructions (air):**

Class	Share in %
NK	0.3

- **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.

GB

(Contd. on page 9)

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

Printing date 23.02.2021

Version number 1

Revision: 23.02.2021

Trade name: **INTERIOR CLEANER PURIFIER**

(Contd. of page 8)

SECTION 16: Other information

- Reasons for alterations

- Relevant phrases

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic 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 data specification sheet: Ma-Fra Laboratories

- Contact: lab@mafra.it

- Date of previous version: 23.02.2021

- 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

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. 3: Acute toxicity - oral - Category 3

Skin Corr. 1B: Skin corrosion/irritation - Category 1B

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) - 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

- * Data compared to the previous version altered.