

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

Printing date 08.04.2022

Version number 4 (replaces version 2)

Revision: 08.04.2022

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

- **1.1 Product identifier**
- **Trade name: DERMA CLEANER 2.0**
- **UFI: 4KH0-M0U0-9005-AME7**
- **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:**
  - 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**



- Skin Irrit. 2      H315 Causes skin irritation.
- Eye Irrit. 2      H319 Causes serious eye irritation.
- .....
- 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**



GHS07

- **Signal word** Warning
- **Hazard statements**
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.

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H412 Harmful to aquatic life with long lasting effects.

**- Precautionary statements**

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulation

**- Additional information:**

EUH208 Contains quaternary compound, 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: 2372-82-9 EINECS: 219-145-8	N-(3-aminopropyl)-N-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-<3%
CAS: 56-81-5 EINECS: 200-289-5 Reg.nr.: 01-2119471987-18	glycerol substance with a Community workplace exposure limit	1-<3%
CAS: 784144-40-7	quaternary compound ☠ Eye Dam. 1, H318; ☠ Skin Sens. 1, H317	<1%
CAS: 3811-73-2 EINECS: 223-296-5	Sodium pyrithione ☠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=10); ☠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	<0.05%
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**

non-ionic surfactants, cationic surfactants, perfumes

&lt;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**

Instantly 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. If symptoms persist, consult doctor.**- After swallowing** In case of persistent symptoms consult doctor.

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- **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**  
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.
- **For emergency responders**  
PVC gloves  
Nitrile rubber, NBR  
Recommended thickness of the material:  $\geq 0.1$  mm
- **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.
- **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.

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- **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:**

#### 56-81-5 glycerol

WEL Long-term value: 10 mg/m<sup>3</sup>

### - DNELs

#### 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 <sup>3</sup> (Industrial Workers) 0.7 mg/m <sup>3</sup> (Consumers)

#### 56-81-5 glycerol

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

#### 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)

#### 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)

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

PNEC STP	560 mg/L (STP)
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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**  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes and skin.  
Do not eat, drink or smoke while working.  
Keep away from foodstuffs, beverages and food.
- **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

- **Material of gloves**

PVC gloves

Nitrile rubber, NBR

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

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- 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
- Density and/or relative density	
- Density at 20 °C	1 g/cm <sup>3</sup>
- 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
- 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

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### 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:

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

Oral	LD50	261 mg/Kg (Rat)
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**56-81-5 glycerol**

Oral	LD50	12,600 mg/Kg (Rat)
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Dermal	LD50	>18,700 mg/Kg (Rabbit)
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**68515-73-1 Alkyl polyglucosyde C8-C10**

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

Dermal	LD50	>2,000 mg/Kg (Rat)
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**61791-14-8 Coco amina 12 EO**

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

**784144-40-7 quaternary compound**

Oral	LD50	>2,000-≤5,000 mg/Kg (Rat)
------	------	---------------------------

- **Skin corrosion/irritation** Causes skin irritation.

- **Serious eye damage/irritation** Causes serious eye irritation.

- 11.2 Information on other hazards

- **Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

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

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

**56-81-5 glycerol**

LC50 (96h)	>5,000 mg/L (Fish)
------------	--------------------

**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

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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.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

### SECTION 14: Transport information

- |  |                 |
|--|-----------------|
| - <b>14.1 UN number or ID number</b><br>- ADR, IMDG, IATA                | Void            |
| - <b>14.2 UN proper shipping name</b><br>- ADR, IMDG, IATA               | Void            |
| - <b>14.3 Transport hazard class(es)</b><br>- ADR, IMDG, IATA<br>- Class | Void            |
| - <b>14.4 Packing group</b><br>- ADR, IMDG, IATA                         | 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
- **Technical instructions (air):**

Class	Share in %
NK	1.2

- **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**  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.

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*H317 May cause an allergic skin reaction.**H318 Causes serious eye damage.**H319 Causes serious eye irritation.**H332 Harmful if inhaled.**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.***- 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**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 – Category 3**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**Skin Sens. 1: Skin sensitisation – Category 1**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.**