

**Safety data sheet**  
according to 2020/878/EC

Printing date 07.07.2023

Version number 3 (replaces version 2)

Revision: 07.07.2023

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

- **1.1 Product identifier**
- **Trade name: OMNIA 2.0**
- **UFI: 63J0-N0YD-4004-9NWM**
- **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** All-purpose 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:**
  - E-mail: [lab@mafra.it](mailto:lab@mafra.it)
  - [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**



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 GB CLP regulation.
- **Hazard pictograms**



GHS07

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

(Contd. on page 2)

## Safety data sheet according to 2020/878/EC

Printing date 07.07.2023

Version number 3 (replaces version 2)

Revision: 07.07.2023

**Trade name: OMNIA 2.0**

(Contd. of page 1)

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.

P302+P352 IF ON SKIN: Wash with plenty of water.

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

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: 68515-73-1 NLP: 500-220-1 Reg.nr.: 01-2119488530-36	Alkyl polyglucosyde C8-C10 ☠ Eye Dam. 1, H318	1-<3%
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: 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, polycarboxylates, 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.

(Contd. on page 3)

## Safety data sheet according to 2020/878/EC

Printing date 07.07.2023

Version number 3 (replaces version 2)

Revision: 07.07.2023

**Trade name: OMNIA 2.0**

(Contd. of page 2)

- **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**  
Product forms slippery surface when combined with water.  
Ensure adequate ventilation  
Keep away from ignition sources  
Wear protective clothing.
- **For emergency responders**  
PVC gloves  
Recommended thickness of the material:  $\geq 0.1$  mm  
Nitrile rubber, NBR
- **6.2 Environmental precautions:**  
Inform respective authorities in case product reaches water or sewage system.  
Dilute with much 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 precautions necessary if used correctly.  
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.

(Contd. on page 4)

## Safety data sheet according to 2020/878/EC

Printing date 07.07.2023

Version number 3 (replaces version 2)

Revision: 07.07.2023

Trade name: **OMNIA 2.0**

(Contd. of page 3)

- **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

##### 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)

##### 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)

##### 51981-21-6 glutamic acid, N,N-diacetic acid, tetrasodium salt

Oral	Systemic Long-term Effects	1.5 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	15,000 mg/Kg bw/day (Industrial Workers) 7,500 mg/Kg bw/day (Consumers)
Inhalative	Systemic long-term effects	7.3 mg/m <sup>3</sup> (Industrial Workers) 1.8 mg/m <sup>3</sup> (Consumers)

#### - 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)

##### 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)

(Contd. on page 5)

## Safety data sheet according to 2020/878/EC

Printing date 07.07.2023

Version number 3 (replaces version 2)

Revision: 07.07.2023

**Trade name: OMNIA 2.0**

(Contd. of page 4)

Sediment (sea water)	0.85 mg/Kg (Soil)
<b>51981-21-6 glutamic acid, N,N-diacetic acid, tetrasodium salt</b>	
PNEC STP	41.2 mg/L (STP)
Soil	0.5 mg/Kg (Soil)
Soft Water	9.45 mg/L (Water)
Sea water	0.945 mg/L (Water)

- **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 section 7.

- **Individual protection measures, such as personal protective equipment**

- **General protective and hygienic measures**

Do not eat, drink or smoke while working.

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

Avoid contact with the eyes and skin.

- **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

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**

- **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

- **Decomposition temperature:**

Not determined.

(Contd. on page 6)

GB

**Safety data sheet**  
according to 2020/878/EC

Printing date 07.07.2023

Version number 3 (replaces version 2)

Revision: 07.07.2023

Trade name: OMNIA 2.0

(Contd. of page 5)

- pH at 20 °C	10
- Viscosity:	
- Kinematic viscosity	Not determined.
- dynamic:	Not determined.
- Solubility	
- Water:	Fully miscible
- Partition coefficient n-octanol/water (log value)	Not determined.
- Vapour pressure:	Not determined.
- Density and/or relative density	
- Density at 20 °C	1.02 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.	
- Self-inflammability:	Product is not selfigniting.
- 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

GB

(Contd. on page 7)

## Safety data sheet according to 2020/878/EC

Printing date 07.07.2023

Version number 3 (replaces version 2)

Revision: 07.07.2023

Trade name: **OMNIA 2.0**

(Contd. of page 6)

### 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)

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

Oral LD50 261 mg/Kg (Rat)

#### 78330-20-8 Ethoxy Alcohol C9-C11

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

#### 51981-21-6 glutamic acid, N,N-diacetic acid, tetrasodium salt

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

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

#### 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.

- **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.

### 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)

#### 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)

#### 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)

#### 51981-21-6 glutamic acid, N,N-diacetic acid, tetrasodium salt

LC50 (96h) >100 mg/L (Fish)

EC50 (48h) >100 mg/L (Daphnia)

- **12.2 Persistence and degradability** The contained surfactants are easily biodegradable

(Contd. on page 8)

## Safety data sheet according to 2020/878/EC

Printing date 07.07.2023

Version number 3 (replaces version 2)

Revision: 07.07.2023

Trade name: **OMNIA 2.0**

(Contd. of page 7)

- **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:**  
Generally not hazardous for water.  
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.
- **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>                                  | Void            |
| - <b>ADR, IMDG, IATA</b>  | Void            |
| - <b>14.2 UN proper shipping name</b>                                 | Void            |
| - <b>ADR, IMDG, IATA</b>  | Void            |
| - <b>14.3 Transport hazard class(es)</b>                              | Void            |
| - <b>ADR, IMDG, IATA</b>  | Void            |
| - <b>Class</b>  | Void            |
| - <b>14.4 Packing group</b>   | Void            |
| - <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:** Generally not hazardous for water.

(Contd. on page 9)

GB



## Safety data sheet according to 2020/878/EC

Printing date 07.07.2023

Version number 3 (replaces version 2)

Revision: 07.07.2023

**Trade name: OMNIA 2.0**

(Contd. of page 8)

**- 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.**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 (UK REACH)**PNEC: Predicted No-Effect Concentration (UK 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.**