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# **Diathonite Massetto**

| Printing | : 27/11/2023 Date of compilation: 11/07/2019 Revised: 08/05/2023 Version: 4 (Replaced 3)  |  |  |  |  |  |  |  |
|----------|---|--|--|--|--|--|--|--|
| SEC      | TION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING  |  |  |  |  |  |  |  |
| 1.1      | Product identifier: Diathonite Massetto   |  |  |  |  |  |  |  |
|          | Other means of identification:  |  |  |  |  |  |  |  |
|          | Non-applicable  |  |  |  |  |  |  |  |
| 1.2      | Relevant identified uses of the substance or mixture and uses advised against:  |  |  |  |  |  |  |  |
|          | Relevant uses: Thermal insulation   |  |  |  |  |  |  |  |
|          | Uses advised against: All uses not specified in this section or in section 7.3  |  |  |  |  |  |  |  |
| 1.3      | Details of the supplier of the safety data sheet:   |  |  |  |  |  |  |  |
|          | Diasen S.r.I.<br>Zona Ind.le Berbentina, 5<br>60041 Sassoferrato (AN) - Marche - Italia<br>Phone: +39 0732 9718 - Fax: +39 0732 971899<br>diasen@diasen.com<br>https://www.diasen.com   |  |  |  |  |  |  |  |
| 1.4      | <b>Emergency telephone number:</b> Poison Centre - Ospedale di Niguarda - Milan - Tel. +39/02/66101029<br>Diasen S.r.I - Tel: +39-07329718 - (office hours)   |  |  |  |  |  |  |  |
|          |   |  |  |  |  |  |  |  |
| SEC      | TION 2: HAZARDS IDENTIFICATION  |  |  |  |  |  |  |  |
| 2.1      | Classification of the substance or mixture:   |  |  |  |  |  |  |  |
|          | CLP Regulation (EC) No 1272/2008:   |  |  |  |  |  |  |  |
|          | Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  |  |  |  |  |  |  |  |
|          | Eye Dam. 1: Serious eye damage, Category 1, H318  |  |  |  |  |  |  |  |
|          | Skin Irrit. 2: Skin irritation, Category 2, H315<br>STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335  |  |  |  |  |  |  |  |
| 2.2      | Label elements:   |  |  |  |  |  |  |  |
|          | CLP Regulation (EC) No 1272/2008:   |  |  |  |  |  |  |  |
|          | Danger  |  |  |  |  |  |  |  |
|          |   |  |  |  |  |  |  |  |
|          | Hazard statements:  |  |  |  |  |  |  |  |
|          | Eye Dam. 1: H318 - Causes serious eye damage.<br>Skin Irrit. 2: H315 - Causes skin irritation.<br>STOT SE 3: H335 - May cause respiratory irritation.   |  |  |  |  |  |  |  |
|          | Precautionary statements:   |  |  |  |  |  |  |  |
|          | <ul> <li>P101: If medical advice is needed, have product container or label at hand.</li> <li>P102: Keep out of reach of children.</li> <li>P264: Wash thoroughly after handling.</li> <li>P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.</li> <li>P302+P352: IF ON SKIN: Wash with plenty of water.</li> <li>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</li> <li>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to</li> </ul> |  |  |  |  |  |  |  |
|          | do. Continue rinsing.<br>P501: Dispose of contents/container according to the separated collection system used in your municipality.  |  |  |  |  |  |  |  |
|          | Substances that contribute to the classification  |  |  |  |  |  |  |  |
|          | Lime (chemical), hydraulic; Calcium dihydroxide   |  |  |  |  |  |  |  |
|          |   |  |  |  |  |  |  |  |

**UFI:** KY30-708K-0000-3JN0

### 2.3 Other hazards:

Product does not meet PBT/vPvB criteria Endocrine-disrupting properties: The product does not meet the criteria.

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**Diathonite Massetto** 



#### Printing: 27/11/2023 Date of compilation: 11/07/2019 Revised: 08/05/2023 Version: 4 (Replaced 3) SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS 3.1 Substance: Non-applicable 3.2 Mixture: Chemical description: Miscellaneous products **Components:** In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains: Identification Chemical name/Classification Concentration CAS 85117-09-5 Lime (chemical), hydraulic<sup>(1)</sup> Self-classified FC: 285-561-1 50 - <75 % Non-applicable Index: Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger Regulation 1272/2008 REACH: 01-2119475523-36-XXXX CAS: 1305-62-0 Calcium dihydroxide(1) Self-classified EC 215-137-3 10 - <25 % Index: Non-applicable REACH: 01-2119475151-45-৻৻৻৵ Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger

(1) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

Regulation 1272/2008

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

#### By inhalation:

XXXX

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

#### By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

#### By eye contact:

Rinse eves thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eves. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as guickly as possible with the SDS of the product.

#### By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

#### 4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable

#### SECTION 5: FIREFIGHTING MEASURES

- 5.1 **Extinguishing media:** 
  - Suitable extinguishing media:

- CONTINUED ON NEXT PAGE -



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|  |                                | Diatho  | DNITE MASSETTO                 |                               |                |  |  |
|--|--------------------------------|---|--------------------------------|-------------------------------|----------------|--|--|
| nting:   | 27/11/2023                     | Date of compilation: 11/07/2019   | Revised: 08/05/2023            | Version: 4 (Replaced 3)       |                |  |  |
| SEC1   | FION 5: FIREF                  | FIGHTING MEASURES (continued)   |                                |                               |                |  |  |
|  | improper hanc<br>Regulation on | -flammable under normal conditions of sto<br>lling, storage or use preferably use polyval<br>fire protection systems.<br><b>xtinguishing media:</b>                     |                                |                               |                |  |  |
|  | Non-applicable                 |   |                                |                               |                |  |  |
| 5.2  | Special haza                   | rds arising from the substance or mix   | cture:                         |                               |                |  |  |
| 5.3  |                                | combustion or thermal decomposition read<br>can present a serious health risk.<br>refighters:   | tive sub-products are created  | l that can become highly toxi | c and,         |  |  |
| Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatu (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,) in accordance with Directive 89/654/EC.<br>Additional provisions: |                                |   |                                |                               |                |  |  |
|  | emergencies.                   | nce with the Internal Emergency Plan and<br>Eliminate all sources of ignition. In case of<br>xplosion or BLEVE as a result of high temp<br>um.                          | fire, cool the storage contain | ers and tanks for products s  | usceptible to  |  |  |
| 0507   |                                |   |                                |                               |                |  |  |
| SECI   | TION 6: ACCII                  | DENTAL RELEASE MEASURES   |                                |                               |                |  |  |
| 6.1  | Personal pre                   | cautions, protective equipment and e  | emergency procedures:          |                               |                |  |  |
|  | For non-eme                    | rgency personnel:   |                                |                               |                |  |  |
|  | Sweep up and                   | shovel product or collect by other means  | and place in container for reu | use (preferred) or disposal   |                |  |  |
|  | For emergen                    | cy responders:  |                                |                               |                |  |  |
|  | Wear protectiv                 | e equipment. Keep unprotected persons a   | away. See section 8.           |                               |                |  |  |
| 5.2  | Environment                    | al precautions:   |                                |                               |                |  |  |
|  | This product is                | s not classified as hazardous to the enviror  | nment. Keep product away fro   | om drains, surface and grour  | d water.       |  |  |
| 6.3  | •                              | I material for containment and cleani   |                                |                               |                |  |  |
|  | It is recomme                  |   |                                |                               |                |  |  |
|  | Sweep up and                   | shovel product or collect by other means  | and place in container for reu | use (preferred) or disposal   |                |  |  |
| 6.4  |                                | other sections:   |                                |                               |                |  |  |
| ••••   | See sections 8                 |   |                                |                               |                |  |  |
|  |                                |   |                                |                               |                |  |  |
| SECT   | FION 7: HAND                   | LING AND STORAGE  |                                |                               |                |  |  |
| 7.1  | Precautions                    | for safe handling:  |                                |                               |                |  |  |
|  | A General pr                   | ecautions for safe use  |                                |                               |                |  |  |
|  | spills and r<br>cleanliness    | th the current legislation concerning the presidues, destroying them with safe methors where dangerous products are used.<br>recommendations for the prevention of fire | ds (section 6). Avoid leakage  |                               |                |  |  |
|  | Due to its                     | non-inflammable nature, the product does  | •                              | normal conditions of storage  | , handling and |  |  |
|  | use.<br>C - Technical I        | recommendations on general occupational   | hvaiene                        |                               |                |  |  |
|  |                                |   |                                | espina producto               |                |  |  |
|  |                                | or drink during the process, washing han  |                                | canny products.               |                |  |  |
|  |                                | recommendations to prevent environmentation   |                                | product (Coo subscriber ( ))  |                |  |  |
| <b>-</b> -   |                                | mended to have absorbent material availa  |                                | product (see subsection 6.3)  |                |  |  |
| 7.2  |                                | or safe storage, including any incomp<br>measures for storage   |                                |                               |                |  |  |
|  |                                |   |                                |                               |                |  |  |
|  |                                |   | JED ON NEXT PAGE -             |                               |                |  |  |
| nting:   | 27/11/2023                     | Date of compilation: 11/07/2019   | Revised: 08/05/2023            | Version: 4                    | Page 3         |  |  |

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|----------------------|--|----------------------------------|---------------------------------------|
| SECTION 7: HAN       | DLING AND STORAGE (continued                 | d)                               |                                       |
| Minimum              | Temp.: 5 °C                                  |                                  |                                       |
| Maximum              | n Temp.: 30 °C                               |                                  |                                       |
| Maximum              | n time: 6 Months                             |                                  |                                       |
| B General o          | conditions for storage                       |                                  |                                       |
| Avoid sou            | urces of heat, radiation, static electricity | and contact with food. For addit | ional information see subsection 10.5 |
| Humidity             | : Avoid direct impact                        |                                  |                                       |
| 7.3 Specific en      | d use(s):                                    |                                  |                                       |

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification               | Occupa       | tional exposure limits |
|------------------------------|--------------|------------------------|
| Calcium dihydroxide          | IOELV (8h)   | 1 mg/m <sup>3</sup>    |
| CAS: 1305-62-0 EC: 215-137-3 | IOELV (STEL) | 4 mg/m <sup>3</sup>    |

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

# DNEL (Workers):

|                            |            | Short e        | xposure             | Long e         | xposure             |
|----------------------------|------------|----------------|---------------------|----------------|---------------------|
| Identification             |            | Systemic       | Local               | Systemic       | Local               |
| Lime (chemical), hydraulic | Oral       | Non-applicable | Non-applicable      | Non-applicable | Non-applicable      |
| CAS: 85117-09-5            | Dermal     | Non-applicable | Non-applicable      | Non-applicable | Non-applicable      |
| EC: 285-561-1              | Inhalation | Non-applicable | 4 mg/m <sup>3</sup> | Non-applicable | 1 mg/m <sup>3</sup> |
| Calcium dihydroxide        | Oral       | Non-applicable | Non-applicable      | Non-applicable | Non-applicable      |
| CAS: 1305-62-0             | Dermal     | Non-applicable | Non-applicable      | Non-applicable | Non-applicable      |
| EC: 215-137-3              | Inhalation | Non-applicable | 4 mg/m³             | Non-applicable | 1 mg/m <sup>3</sup> |

#### DNEL (General population):

|                            |            | Short e        | xposure        | Long ex        | xposure             |
|----------------------------|------------|----------------|----------------|----------------|---------------------|
| Identification             |            | Systemic       | Local          | Systemic       | Local               |
| Lime (chemical), hydraulic | Oral       | Non-applicable | Non-applicable | Non-applicable | Non-applicable      |
| CAS: 85117-09-5            | Dermal     | Non-applicable | Non-applicable | Non-applicable | Non-applicable      |
| EC: 285-561-1              | Inhalation | Non-applicable | 4 mg/m³        | Non-applicable | 1 mg/m <sup>3</sup> |
| Calcium dihydroxide        | Oral       | Non-applicable | Non-applicable | Non-applicable | Non-applicable      |
| CAS: 1305-62-0             | Dermal     | Non-applicable | Non-applicable | Non-applicable | Non-applicable      |
| EC: 215-137-3              | Inhalation | Non-applicable | 4 mg/m³        | Non-applicable | 1 mg/m <sup>3</sup> |

PNEC:

| Identification             |              |                |                         |                |  |  |  |  |
|----------------------------|--------------|----------------|-------------------------|----------------|--|--|--|--|
| Lime (chemical), hydraulic | STP          | 3,511 mg/L     | Fresh water             | 0,574 mg/L     |  |  |  |  |
| CAS: 85117-09-5            | Soil         | 1262,3 mg/kg   | Marine water            | 0,374 mg/L     |  |  |  |  |
| EC: 285-561-1              | Intermittent | 0,574 mg/L     | Sediment (Fresh water)  | Non-applicable |  |  |  |  |
|                            | Oral         | Non-applicable | Sediment (Marine water) | Non-applicable |  |  |  |  |
| Calcium dihydroxide        | STP          | 3 mg/L         | Fresh water             | 0,49 mg/L      |  |  |  |  |
| CAS: 1305-62-0             | Soil         | 1080 mg/kg     | Marine water            | 0,32 mg/L      |  |  |  |  |
| EC: 215-137-3              | Intermittent | 0,49 mg/L      | Sediment (Fresh water)  | Non-applicable |  |  |  |  |
|                            | Oral         | Non-applicable | Sediment (Marine water) | Non-applicable |  |  |  |  |

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|----|--|---|---|---|--|--|--|--|
|    | TON 8: EXPOSURE CONTROLS/PE  | ERSONAL PROTE   | CTION (continued)   |   |  |  |  |  |
| 2  | Exposure controls:   |   |   |   |  |  |  |  |
|    | A Individual protection measures, such as personal protective equipment  |   |   |   |  |  |  |  |
|    | marking>> in accordance with Reuse, cleaning, maintenance, class   | gulation (EU) 2016/<br>of protection,) cou<br>Il information contai | /425. For more information or<br>nsult the information leaflet p<br>ined herein is a recommendate | ipment, with the corresponding < <ce<br>n Personal Protective Equipment (storage<br/>provided by the manufacturer. For more<br/>tion which needs some specification from<br/>ditional measures at its disposal.</ce<br> |  |  |  |  |
|    |  | will be necessary if a  | a mist forms or if the occupat  | ional exposure limits are exceeded.   |  |  |  |  |
|    | C Specific protection for the hands  |   |   |   |  |  |  |  |
|    | Non-applicable   |   |   |   |  |  |  |  |
|    | D Eye and face protection  |   |   |   |  |  |  |  |
|    | Non-applicable   |   |   |   |  |  |  |  |
|    | E Body protection  |   |   |   |  |  |  |  |
|    | Non-applicable   |   |   |   |  |  |  |  |
|    | F Additional emergency measures  |   |   |   |  |  |  |  |
|    | It is not necessary to take additional emergency measures.   |   |   |   |  |  |  |  |
|    | Environmental exposure controls:   |   |   |   |  |  |  |  |
|    | In accordance with the community leg<br>spillage of both the product and its co<br><b>Volatile organic compounds:</b>  |   |   | is recommended to avoid environmental<br>n 7.1.D  |  |  |  |  |
|    | With regard to Directive 2010/75/EU,   | this product has the  | e following characteristics:  |   |  |  |  |  |
|    | V.O.C. (Supply):   | 0 % weight  |   |   |  |  |  |  |
|    | V.O.C. density at 20 °C:   | 0 kg/m³ (0 g/L)   | )   |   |  |  |  |  |
|    | Average carbon number:   | Non-applicable  |   |   |  |  |  |  |
|    | Average molecular weight:  | Non-applicable  |   |   |  |  |  |  |
|    |  |   |   |   |  |  |  |  |
| СT | TON 9: PHYSICAL AND CHEMICA  | L PROPERTIES  |   |   |  |  |  |  |
|    | Information on basic physical and  | d chemical prope  | rties:  |   |  |  |  |  |
|    | For complete information see the proc  | duct datasheet.   |   |   |  |  |  |  |
|    | Appearance:  |   |   |   |  |  |  |  |
|    | Physical state at 20 °C:   | S   | Solid   |   |  |  |  |  |
|    | Appearance:  | F   | Powdery   |   |  |  |  |  |
|    | Colour:  |   | Beige   |   |  |  |  |  |
|    |  |   |   |   |  |  |  |  |
|    | Odour:   | l   | Undefined   |   |  |  |  |  |
|    | Odour:<br>Odour threshold:   |   |   |   |  |  |  |  |
|    |  |   | Undefined   |   |  |  |  |  |
|    | Odour threshold:   | ١   | Undefined   |   |  |  |  |  |
|    | Odour threshold:<br>Volatility:  | ٦<br>٦ :  | Undefined<br>Non-applicable *   |   |  |  |  |  |
|    | Odour threshold:<br><b>Volatility:</b><br>Boiling point at atmospheric pressure:   | ז<br>ק<br>ק   | Undefined<br>Non-applicable *<br>Non-applicable *   |   |  |  |  |  |
|    | Odour threshold:<br><b>Volatility:</b><br>Boiling point at atmospheric pressure:<br>Vapour pressure at 20 °C:  | ז<br>ז<br>ז<br>ז  | Undefined<br>Non-applicable *<br>Non-applicable *<br>Non-applicable *                             |   |  |  |  |  |
|    | Odour threshold:<br><b>Volatility:</b><br>Boiling point at atmospheric pressure:<br>Vapour pressure at 20 °C:<br>Vapour pressure at 50 °C:                               | ז<br>ז<br>ז<br>ז  | Undefined<br>Non-applicable *<br>Non-applicable *<br>Non-applicable *<br>Non-applicable *         |   |  |  |  |  |
|    | Odour threshold:<br><b>Volatility:</b><br>Boiling point at atmospheric pressure:<br>Vapour pressure at 20 °C:<br>Vapour pressure at 50 °C:<br>Evaporation rate at 20 °C: | 1<br>1<br>1<br>1<br>1<br>1  | Undefined<br>Non-applicable *<br>Non-applicable *<br>Non-applicable *<br>Non-applicable *         |   |  |  |  |  |

 $\ensuremath{^*\text{Not}}$  relevant due to the nature of the product, not providing information property of its hazards.

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|-----------|---|---------------------|-------------------------|
| SECT      | TION 9: PHYSICAL AND CHEMICAL PROPERTI  | ES (continued)      |                         |
|           | Dynamic viscosity at 20 °C:   | Non-applicable *    |                         |
|           | Kinematic viscosity at 20 °C:   | Non-applicable *    |                         |
|           | Kinematic viscosity at 40 °C:   | Non-applicable *    |                         |
|           | Concentration:  | Non-applicable *    |                         |
|           | pH:   | Non-applicable *    |                         |
|           | Vapour density at 20 °C:  | Non-applicable *    |                         |
|           | Partition coefficient n-octanol/water 20 °C:  | Non-applicable *    |                         |
|           | Solubility in water at 20 °C:   | Non-applicable *    |                         |
|           | Solubility properties:  | Non-applicable *    |                         |
|           | Decomposition temperature:  | Non-applicable *    |                         |
|           | Melting point/freezing point:   | Non-applicable *    |                         |
|           | Flammability:   |                     |                         |
|           | Flash Point:  | Non-applicable      |                         |
|           | Flammability (solid, gas):  | Non-applicable *    |                         |
|           | Autoignition temperature:   | Non-applicable *    |                         |
|           | Lower flammability limit:   | Non-applicable *    |                         |
|           | Upper flammability limit:   | Non-applicable *    |                         |
|           | Explosive (Solid):  |                     |                         |
|           | Lower explosive limit:  | Non-applicable *    |                         |
|           | Upper explosive limit:  | Non-applicable *    |                         |
|           | Particle characteristics:   |                     |                         |
|           | Median equivalent diameter:   | Non-applicable *    |                         |
| 9.2       | Other information:  |                     |                         |
|           | Information with regard to physical hazard cla  | isses:              |                         |
|           | Explosive properties:   | Non-applicable *    |                         |
|           | Oxidising properties:   | Non-applicable *    |                         |
|           | Corrosive to metals:  | Non-applicable *    |                         |
|           | Heat of combustion:   | Non-applicable *    |                         |
|           | Aerosols-total percentage (by mass) of flammable<br>components:<br><b>Other safety characteristics:</b> | Non-applicable *    |                         |
|           | Surface tension at 20 °C:   | Non-applicable *    |                         |
|           | Refraction index:   | Non-applicable *    |                         |
|           | *Not relevant due to the nature of the product, not providing inf                                       |                     |                         |

# SECTION 10: STABILITY AND REACTIVITY

## 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

# 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

# **10.3** Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

### **10.4** Conditions to avoid:

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| ECTI   | ION 10: STABI   | LITY AND      | REACTIVITY (contin                                      | nued)                          |   |                             |  |  |  |  |  |
|--|---|---------------|---|--------------------------------|---|-----------------------------|--|--|--|--|--|
| Printing: 27/11/2023       Date of compilation: 11/07/2019       Revised: 08/05/2023       Version: 4 (Replaced 3)         SECTION 10: STABLITY AND REACTIVITY (continued)       Image: Contract with an |   |               |   |                                |   |                             |  |  |  |  |  |
|  |   | -             |   |                                | Suplicht                                | Humidity                    |  |  |  |  |  |
| 10.5   |   |               |   |                                |   |                             |  |  |  |  |  |
| 0.5  |   |               | ·   |                                |   | •                           |  |  |  |  |  |
|  | -   |               | Water   | Oxidising materials            | Combustible materials                   | Others                      |  |  |  |  |  |
|  | Can react violently     Avoid direct impact     Not applicable     Not applicable     Avoid alkalis or strong bases       6     Hazardous decomposition products: |               |   |                                |   |                             |  |  |  |  |  |
| 0.6  | Hazardous decomposition products:   |               |   |                                |   |                             |  |  |  |  |  |
|  |   |               |   |                                |   |                             |  |  |  |  |  |
|  | complex mixture   | s of chemic   | al substances can be rel                                | eased: carbon dioxide (CO2     | <ol> <li>carbon monoxide and</li> </ol> | other organic compound      |  |  |  |  |  |
| СТТ  |   |               |   |                                |   |                             |  |  |  |  |  |
| SECTI<br>10.5  |   | .OLOGICA      | LINFORMATION  |                                |   |                             |  |  |  |  |  |
| 1.1  | Information o   | n hazard c    | lasses as defined in R                                  | egulation (EC) No 1272,        | /2008:                                  |                             |  |  |  |  |  |
|  | The experimenta   | al informatio | on related to the toxicolo                              | gical properties of the prod   | uct itself is not available             | 2                           |  |  |  |  |  |
|  | Dangerous he  | alth implic   | ations:   |                                |   |                             |  |  |  |  |  |
|  | In case of expos  | ure that is r | repetitive, prolonged or a                              | at concentrations higher that  | an the recommended oc                   | cupational exposure limits  |  |  |  |  |  |
|  | adverse effects on health may result, depending on the means of exposure:   |               |   |                                |   |                             |  |  |  |  |  |
|  |   |               |   |                                |   |                             |  |  |  |  |  |
|  |   |               |   |                                |   |                             |  |  |  |  |  |
|  |   |               |   |                                |   |                             |  |  |  |  |  |
|  |   |               |   |                                |   |                             |  |  |  |  |  |
|  | -   |               |   |                                |   |                             |  |  |  |  |  |
|  | - Acute tox   | city : Base   | d on available data, the                                | classification criteria are no | t met, as it does not cor               | ntain substances classified |  |  |  |  |  |
|  |   |               |   |                                | normally, reversible, and               | limited to the upper        |  |  |  |  |  |
|  |   |               | Causes initiation in resp                               | biratory passages, which is    | normally reversible and                 | infilted to the upper       |  |  |  |  |  |
|  |   | -             | d the eyes (acute effect)                               | ):                             |   |                             |  |  |  |  |  |
|  | - Contact w   | ith the skin  | : Produces skin inflamma                                | ation.                         |   |                             |  |  |  |  |  |
|  |   | •             |   | -                              |   |                             |  |  |  |  |  |
|  |   |               |   |                                |   |                             |  |  |  |  |  |
|  |   |               |   |                                |   | ntain substances classifie  |  |  |  |  |  |
|  |   |               | ects mentioned. For mor                                 | e information see section 3    |   |                             |  |  |  |  |  |
|  | - Mutagenie   | ity: Based o  |   |                                | net, as it does not conta               | in substances classified a  |  |  |  |  |  |
|  |   |               |   |                                | are not mot as it does n                | ot contain substances       |  |  |  |  |  |
|  | •   | ,             |   |                                | are not met, as it does n               | or contain substances       |  |  |  |  |  |
|  | E- Sensitizing e  | ffects:       |   |                                |   |                             |  |  |  |  |  |
|  | - Respirato   | y: Based or   | n available data, the clas                              | sification criteria are not m  | et, as it does not contair              | n substances classified as  |  |  |  |  |  |
|  |   |               |   |                                |   |                             |  |  |  |  |  |
|  |   |               |   |                                | does not contain substa                 | ances classified as         |  |  |  |  |  |
|  |   |               |   |                                |   |                             |  |  |  |  |  |
|  | Causes irrita   | ion in respi  | ratory passages, which i                                | s normally reversible and li   | mited to the upper respi                | ratory passages.            |  |  |  |  |  |
|  | G- Specific targ  | et organ tox  | cicity (STOT)-repeated ex                               | xposure:                       |   |                             |  |  |  |  |  |
|  |   | -             |   | l exposure: Based on availa    | ble data, the classification            | on criteria are not met la  |  |  |  |  |  |
|  |   |               |   | rdous for this effect. For me  |   |                             |  |  |  |  |  |
|  |   |               | ble data, the classification.<br>For more information s | on criteria are not met, as it | does not contain substa                 | ances classified as         |  |  |  |  |  |
|  | hazardouc fo  |               |   |                                |   |                             |  |  |  |  |  |

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#### 

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

## Other information:

Non-applicable

#### Specific toxicology information on the substances:

| Identification      | Acut            | Genus          |     |
|---------------------|-----------------|----------------|-----|
| Calcium dihydroxide | LD50 oral       | 7340 mg/kg     | Rat |
| CAS: 1305-62-0      | LD50 dermal     | Non-applicable |     |
| EC: 215-137-3       | LC50 inhalation | Non-applicable |     |

### **11.2** Information on other hazards:

### Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

#### Other information

Non-applicable

# SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

### 12.1 Toxicity:

### Acute toxicity:

| Identification             |      | Concentration      | Species                         | Genus      |
|----------------------------|------|--------------------|---------------------------------|------------|
| Lime (chemical), hydraulic | LC50 | 457 mg/L (96 h)    | N/A                             | Fish       |
| CAS: 85117-09-5            | EC50 | Non-applicable     |                                 |            |
| EC: 285-561-1              | EC50 | Non-applicable     |                                 |            |
| Calcium dihydroxide        | LC50 | 50,6 mg/L (96 h)   | Oncorhynchus mykiss             | Fish       |
| CAS: 1305-62-0             | EC50 | 49,1 mg/L (48 h)   | Daphnia magna                   | Crustacean |
| EC: 215-137-3              | EC50 | 184,57 mg/L (72 h) | Pseudokirchneriella subcapitata | Algae      |

#### **Chronic toxicity:**

| Identification                | Concentration |                | Concentration Species |            |
|-------------------------------|---------------|----------------|-----------------------|------------|
| Lime (chemical), hydraulic    | NOEC          | Non-applicable |                       |            |
| CAS: 85117-09-5 EC: 285-561-1 | NOEC          | 32 mg/L        | Crangon septemspinosa | Crustacean |
| Calcium dihydroxide           | NOEC          | Non-applicable |                       |            |
| CAS: 1305-62-0 EC: 215-137-3  | NOEC          | 32 mg/L        | Crangon septemspinosa | Crustacean |

# 12.2 Persistence and degradability:

Not available

### **12.3** Bioaccumulative potential:

Not available

### 12.4 Mobility in soil:

Not available

# 12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

# **12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product does not meet the criteria.

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| SECTI | ON 12: ECO   | OGICAL INFORMATION (continued) |                                 |
|-------|--------------|--------------------------------|---------------------------------|
|       | Other advers | e effects:                     |                                 |
| SECTI | ion 13: Disf | OSAL CONSIDERATIONS            |                                 |
| 13.1  | Waste treatn | ent methods:                   |                                 |
|       | Code         | Description                    | Waste class (Regulation (EU) No |

| Code      | Description  | Waste class (Regulation (EU) No<br>1357/2014) |
|-----------|--|---|
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances | Dangerous                                     |

### Type of waste (Regulation (EU) No 1357/2014):

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HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP4 Irritant — skin irritation and eye damage

#### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

# SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

# SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Calcium dihydroxide (Product-type 2, 3)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

### Seveso III:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Non-applicable

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

# Other legislation:

The product could be affected by sectorial legislation

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

- CONTINUED ON NEXT PAGE -

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|---------------------|---|
| SECTION             | : OTHER INFORMATION   |
| The shas b          | <b>Ation related to safety data sheets:</b><br>S shall be supplied in an official language of the country where the product is placed on the market. This safety data sheets of Regulation (EC) No 190<br>ISSION REGULATION (EU) 2020/878). |
|                     | cations related to the previous Safety Data Sheet which concerns the ways of managing risks.:<br>plicable   |
| <b>Text</b><br>H315 | of the legislative phrases mentioned in section 2:<br>Causes skin irritation.   |
| H335                | Causes serious eye damage.<br>May cause respiratory irritation.   |
|                     | of the legislative phrases mentioned in section 3:<br>rases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the   |
|                     | all components which appear in section 3  |
| Eye  <br>Skin       | egulation (EC) No 1272/2008:<br>m. 1: H318 - Causes serious eye damage.<br>it. 2: H315 - Causes skin irritation.  |
|                     | E 3: H335 - May cause respiratory irritation.<br>ication procedure:   |
| Skin<br>Eye I       | it. 2: Calculation method<br>m. 1: Calculation method<br>E 3: Calculation method  |
|                     | related to training:  |
| Train<br>inter      | is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehens<br>station of this safety data sheet, as well as the label on the product.  |
|                     | oal bibliographical sources:  |
|                     | echa.europa.eu<br>eur-lex.europa.eu   |
|                     | viations and acronyms:  |
|                     | uropean agreement concerning the international carriage of dangerous goods by road  |
|                     | International maritime dangerous goods code<br>nternational Air Transport Association   |
|                     | International Civil Aviation Organisation   |
|                     | hemical Oxygen Demand   |
|                     | 5day biochemical oxygen demand<br>oconcentration factor   |
|                     | Lethal Dose 50  |
|                     | ethal Concentration 50  |
|                     | Effective concentration 50<br>V: Octanolwater partition coefficient   |
|                     | rtition coefficient of organic carbon   |
| UFI:                | ique formula identifier   |
|                     | nternational Agency for Research on Cancer  |

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified. - END OF SAFETY DATA SHEET -

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