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# Product name: SARS-CoV-2 One-Step RT-qPCR Kit III, 5 Targets, IVD

Catalogue reference(s): MD04911, 96 reactions

MD04912, 4 x 96 reactions

| Components                         | MD04901 | MD04902     | Safety Information |
|------------------------------------|---------|-------------|--------------------|
| SARS-CoV-2 MMix III (RdRP, N & E)  | 1050 μL | 4 x 1050 μL | Not Hazardous *    |
| SARS-CoV-2 PPMix III (RdRP, N & E) | 205 μL  | 4 x 205 μL  | Not Hazardous *    |
| SARS-CoV-2 POS 1 (RdRp, N & E)     | 105 μL  | 4 x 105 μL  | Not Hazardous *    |
| SARS-CoV-2 POS 2 (RdRp, N & E)     | 105 μL  | 4 x 105 μL  | Not Hazardous *    |
| NTC                                | 105 μL  | 4 x 105 μL  | Not Hazardous *    |

\*The component mentioned above is not classified as hazardous according to CLP Regulation (EC) No 1272/2008. Please consult the individual safety data sheet below.



# MD04911/2 - SARS-CoV-2 MMix III (RdRP, N & E)

| Date of | compilation: 05/07/2022   | evised: 05/02/2024 Version: 2 (Replaced 1)   |        |
|---------|---|--|--------|
| SEC     | FION 1: IDENTIFICATION OF   | THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDER   | TAKING |
| 1.1     | Product identifier:   | MD04911/2 - SARS-CoV-2 MMix III (RdRP, N & E)  |        |
|         | Other means of identificatio  | 1:   |        |
|         | Non-applicable  |  |        |
| 1.2     | Relevant identified uses of t   | ne substance or mixture and uses advised against:  |        |
|         | Relevant uses: Laboratory. For  | rofessional users only.  |        |
|         | Uses advised against: All uses n  | ot specified in this section or in section 7.3   |        |
| 1.3     | Details of the supplier of the  | safety data sheet:   |        |
|         | NZYtech, Lda<br>Estrada do Paco do Lumiar Cam<br>1649-038 Lisboa - Lisboa - Porto<br>Phone: +351 213643514<br>info@nzytech.com<br>www.nzytech.com |  |        |
| 1.4     | Emergency telephone numb  | er: National Poison Center (Portugal) CIAV: +351 800 250 250; Outsid<br>regional Poisons Information Service or call local Life Saving Service |        |
| SEC     | TION 2: HAZARDS IDENTIFI  |  |        |

# 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008:

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

2.2 Label elements:

# CLP Regulation (EC) No 1272/2008:

Labelling of packages where the contents do not exceed 125 ml:

None

### 2.3 Other hazards:

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

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.1 Substance:

Non-applicable

# 3.2 Mixture:

Chemical description: Mixture of substances

# Components:

None of the substances contained in the mixture are above the limits specified in Annex II of Regulation (EC) No 1907/2006

# SECTION 4: FIRST AID MEASURES

# 4.1 Description of first aid measures:

Consult a doctor in case of discomfort showing the SDS for the product.

# By inhalation:

In case of symptoms, move the person affected into fresh air.

# By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

# By eye contact:

Rinse with water until the product has been eliminated. In case of problems, consult a doctor showing the SDS for the product.



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# SECTION 4: FIRST AID MEASURES (continued)

# By ingestion/aspiration:

In case of consumption in large quantities, it is recommended to seek medical assistance.

- **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

Revised: 05/02/2024

# SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media:

### Suitable extinguishing media:

Product is non-flammable, with a low risk of fire due to the flammability characteristics of the product in normal conditions of storage, handling and use. In the case of the existence of sustained combustion as a result of improper handling, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

### Unsuitable extinguishing media:

Non-applicable

# 5.2 Special hazards arising from the substance or mixture:

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

## 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

# Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task.

### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

# 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

# 6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

# 6.4 Reference to other sections:

See sections 8 and 13.

# SECTION 7: HANDLING AND STORAGE

# 7.1 Precautions for safe handling:

A.- General precautions for safe use



| EC   |   | AND STORAGE (cont   | i i i i i i i i i i i i i i i i i i i |                             |  |  |  |
|------|---|---|---------------------------------------|-----------------------------|--|--|--|
|      | Maintain order, cl  | current legislation concerne<br>eanliness and dispose of<br>nendations for the prever   | using safe meth                       | ods (section 6).            | th regards manually handling weights.  |  |  |
|      | products. Consult   | section 10 for conditions   | and materials                         | that should be avoided.     | c charges that could affect flammable  |  |  |
|      |   | nendations on general oc  |                                       |                             |  |  |  |
|      | Do not eat or drir  | nk during the process, wa   | shing hands aft                       | erwards with suitable cle   | eaning products.   |  |  |
|      | D Technical recomn  | nendations to prevent env   | vironmental risk                      | S                           |  |  |  |
|      |   | , ,   | •                                     |                             | ore information see subsection 6.2   |  |  |
| 7.2  | Conditions for safe   | storage, including an   | y incompatibi                         | lities:                     |  |  |  |
|      | A Technical measur  | 0   |                                       |                             |  |  |  |
|      |   | ry, well-ventilated location  | n                                     |                             |  |  |  |
|      | B General condition   | s for storage   |                                       |                             |  |  |  |
|      | Avoid sources of  | heat, radiation, static elec  | ctricity and con                      | act with food. For addition | onal information see subsection 10.5   |  |  |
| 7.3  | Specific end use(s)   | ):  |                                       |                             |  |  |  |
|      | Except for the instruc<br>product.  | tions already specified it  | is not necessar                       | y to provide any special i  | recommendation regarding the uses of this  |  |  |
| SECT | TION 8. EXPOSURE  | CONTROLS/PERSON   | AL PROTECTI                           | ON                          |  |  |  |
| 8.1  | Control parameter   | ON 8: EXPOSURE CONTROLS/PERSONAL PROTECTION   |                                       |                             |  |  |  |
|      | Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific |   |                                       |                             |  |  |  |
|      | legislation):   |   |                                       |                             |  |  |  |
|      | There are no applicat   | ole occupational exposure   | e limits for the s                    | ubstances contained in t    | he product   |  |  |
|      | DNEL (Workers):   |   |                                       |                             |  |  |  |
|      | Non-applicable  |   |                                       |                             |  |  |  |
|      | DNEL (General pop   | oulation):  |                                       |                             |  |  |  |
|      | Non-applicable  |   |                                       |                             |  |  |  |
|      | PNEC:   |   |                                       |                             |  |  |  |
|      | Non-applicable  |   |                                       |                             |  |  |  |
| 8.2  | Exposure controls:  |   |                                       |                             |  |  |  |
|      | A Individual protect  | ion measures, such as pe  | ersonal protectiv                     | e equipment                 |  |  |  |
|      | marking>> in acc<br>use, cleaning, ma<br>information see so<br>the labour risk pro<br>B Respiratory prote               | As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding < <ce marking="">&gt; in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.<br/>B Respiratory protection</ce> |                                       |                             |  |  |  |
|      |   |   | ecessary if a mis                     | st forms or if the occupat  | ional exposure limits are exceeded.  |  |  |
|      | C Specific protection   | n for the hands   |                                       |                             |  |  |  |
|      | Pictogram   | PPE   | Labelling                             | CEN Standard                | Remarks  |  |  |
|      | Mandatory hand  | Protective gloves against<br>minor risks  | CATI                                  |                             | Replace gloves in case of any sign of damage. For<br>prolonged periods of exposure to the product for<br>professional users/industrials, we recommend using<br>CE III gloves in line with standards EN ISO<br>21420:2020 and EN ISO 374-1:2016+A1:2018 |  |  |
|      | protection  | a mixture of coveral cube   | tances the rec                        | stance of the alove mate    | rial can not be calculated in advance with   |  |  |
|      |   |   |                                       | Souce of the glove mate     |  |  |  |
|      |   | d has therefore to be che   |                                       |                             |  |  |  |



|             | ON 8: EXPOSURE  | CONTROLS/PERSON/                                 | AL PROTECTI    | ON (continued)                  |   |  |  |
|-------------|---|--|----------------|---------------------------------|---|--|--|
|             | Pictogram   | PPE  | Labelling      | CEN Standard                    | Remarks   |  |  |
|             | Mandatory face<br>protection  | Panoramic glasses against<br>splash/projections. | CAT II         | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according<br>the manufacturer's instructions. Use if there is<br>risk of splashing.  |  |  |
|             | E Body protection   |  |                |                                 |   |  |  |
|             | Pictogram   | PPE  | Labelling      | CEN Standard                    | Remarks   |  |  |
|             |   | Work clothing                                    | CATI           |                                 | Replace before any evidence of deterioration. F<br>periods of prolonged exposure to the product f<br>professional/industrial users CE III is<br>recommended, in accordance with the regulatic<br>in EN ISO 6529:2013, EN ISO 6530:2005, EN IS<br>13688:2013, EN 464:1994. |  |  |
|             |   | Anti-slip work shoes                             | CAT II         | EN ISO 20347:2012               | Replace before any evidence of deterioration. F<br>periods of prolonged exposure to the product f<br>professional/industrial users CE III is<br>recommended, in accordance with the regulatic<br>in EN ISO 20345:2012 y EN 13832-1:2007                                   |  |  |
|             | F Additional emerg  | ency measures                                    |                |                                 |   |  |  |
|             | It is not necessar  | ry to take additional emerg                      | gency measures | 5.                              |   |  |  |
|             | Average carbon r<br>Average molecula                                  | ar weight: 78,1 g                                | -              |                                 |   |  |  |
| .11         | ON 9: PHYSICAL  | AND CHEMICAL PROP                                | ERTIES **      |                                 |   |  |  |
|             |   | sic physical and chemi                           | • •            | :                               |   |  |  |
|             |   | ation see the product data                       | isheet.        |                                 |   |  |  |
|             | Appearance:   |  | Lieui          | 4                               |   |  |  |
|             | Physical state at 20 G  | J.:  | Liqui          | u<br>vailable                   |   |  |  |
|             | Appearance:<br>Colour:  |  |                | vailable                        |   |  |  |
|             | Odour:  |  |                | vailable                        |   |  |  |
|             | Odour threshold:  |  |                | applicable *                    |   |  |  |
|             | Volatility:   |  | Non            |                                 |   |  |  |
|             | -   | spheric pressure:                                | 103 9          | PC                              |   |  |  |
| ,           | Boiling point at atmo   |  |                |                                 |   |  |  |
|             | Boiling point at atmo<br>Vapour pressure at 2                         |  | 2317           | Ра                              |   |  |  |
| ,           | Boiling point at atmo<br>Vapour pressure at 2<br>Vapour pressure at 5 | 20 ºC:   |                | Pa<br>0,58 Pa (12,21 kPa)       |   |  |  |
| ,<br>,<br>, | Vapour pressure at 2  | 20 °C:<br>50 °C:                                 | 1221           |                                 |   |  |  |
|             | Vapour pressure at 2<br>Vapour pressure at 5                          | 20 °C:<br>50 °C:<br>20 °C:                       | 1221           | 0,58 Pa (12,21 kPa)             |   |  |  |
| ,<br>,      | Vapour pressure at 2<br>Vapour pressure at 5<br>Evaporation rate at 2 | 20 °C:<br>50 °C:<br>20 °C:                       | 1221<br>Non-   | 0,58 Pa (12,21 kPa)             |   |  |  |

\*\* Changes with regards to the previous version



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|---|---|
| SECTION 9: PHYSICAL AND CHEMICAL PROPER   | RTIES ** (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:  | 87 °C                                   |
| Flammability (solid, gas):  | Non-applicable *                        |
| Autoignition temperature:   | 300 °C                                  |
| Lower flammability limit:   | Non-applicable *                        |
| Upper flammability limit:   | Non-applicable *                        |
| Particle characteristics:   |   |
| Median equivalent diameter:   | Non-applicable                          |
| 9.2 Other information:  |   |
| Information with regard to physical hazard  |   |
| 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 components:  | le Non-applicable *                     |
| Other safety characteristics:   |   |
| Surface tension at 20 °C:   | Non-applicable *                        |
| Refraction index:   | Non-applicable *                        |
| *Not relevant due to the nature of the product, not providin<br>** Changes with regards to the previous version | ng information property of its hazards. |

\*\* Changes with regards to the previous version

# 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:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight       | Humidity       |
|--------------------|------------------|-------------------------|----------------|----------------|
| Not applicable     | Not applicable   | Not applicable          | Not applicable | Not applicable |

# 10.5 Incompatible materials:



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| 02011 |                    |                |                     |                       |                               |  |  |  |
|-------|--------------------|----------------|---------------------|-----------------------|-------------------------------|--|--|--|
|       |                    |                |                     |                       |                               |  |  |  |
|       | Acids              | Water          | Oxidising materials | Combustible materials | Others                        |  |  |  |
|       | Avoid strong acids | Not applicable | Not applicable      | Not applicable        | Avoid alkalis or strong bases |  |  |  |

# **10.6** Hazardous decomposition products:

SECTION 10: STABILITY AND REACTIVITY (continued)

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide ( $CO_2$ ), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

LD50 oral > 2000 mg/kg (rat)

# Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met
  - Contact with the eyes: Based on available data, the classification criteria are not met
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met IARC: Non-applicable
  - Mutagenicity: Based on available data, the classification criteria are not met
  - Reproductive toxicity: Based on available data, the classification criteria are not met
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- H- Aspiration hazard:

Based on available data, the classification criteria are not met

### Other information:

Non-applicable

### Specific toxicology information on the substances:

Not available

### Acute Toxicity Estimate (ATE mix):

|  | Ingredient(s) of unknown toxicity   |                |  |
|--|-------------------------------------|----------------|--|
| Oral   | >2000 mg/kg (Calculation method)    | Non-applicable |  |
| Dermal   | >2000 mg/kg (Calculation method)    | Non-applicable |  |
| Inhalation   | >20 mg/L (4 h) (Calculation method) | Non-applicable |  |
| The Communit Community and the second s |                                     |                |  |

# 11.2 Information on other hazards:



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Date of compilation: 05/07/2022 Revised: 05/02/2024 Version: 2 (Replaced 1) SECTION 11: TOXICOLOGICAL INFORMATION (continued) **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 12.1 Toxicity: Not available 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. 12.7 Other adverse effects:

Not described

# SECTION 13: DISPOSAL CONSIDERATIONS

# **13.1 Waste treatment methods:**

| Code | Description   | Waste class (Regulation (EU) No<br>1357/2014) |
|------|---|---|
|      | It is not possible to assign a specific code, as it depends on the intended use by the user | Non dangerous                                 |

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

Non-applicable

# 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

# Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:



|             |  | continued)     |  |
|-------------|--|----------------|--|
| 2110N 14: 1 | RANSPORT INFORMATION (   | continued)     |  |
| 14.1        | UN number or ID number:  | Non-applicable |  |
| 14.2        | UN proper shipping name:                                       | Non-applicable |  |
| 14.3        | Transport hazard class(es):                                    | Non-applicable |  |
|             | Labels:  | Non-applicable |  |
|             | Packing group:   | Non-applicable |  |
| -           | Environmental hazards:   | No             |  |
| 14.6        | Special precautions for user                                   |                |  |
|             | Special regulations:   | Non-applicable |  |
|             | Tunnel restriction code:                                       | Non-applicable |  |
|             | Physico-Chemical properties:                                   | see section 9  |  |
|             | Limited quantities:  | Non-applicable |  |
| 14.7        | Maritime transport in bulk                                     | Non-applicable |  |
|             | according to IMO<br>instruments:                               |                |  |
| Trancno     | rt of dangerous goods by sea:                                  |                |  |
| -           |  |                |  |
| -           | ard to IMDG 40-20:   |                |  |
|             | UN number or ID number:  | Non-applicable |  |
|             | UN proper shipping name:                                       | Non-applicable |  |
| 14.3        | Transport hazard class(es):                                    | Non-applicable |  |
|             | Labels:  | Non-applicable |  |
|             | Packing group:   | Non-applicable |  |
|             | Marine pollutant:  | No             |  |
| 14.6        | <b>Special precautions for user</b><br>Special regulations:    | Non-applicable |  |
|             | EmS Codes:   | Non applicable |  |
|             | Physico-Chemical properties:                                   | see section 9  |  |
|             | Limited quantities:  | Non-applicable |  |
|             | Segregation group:   | Non-applicable |  |
| 14 7        | Maritime transport in bulk                                     | Non-applicable |  |
| 14.7        | according to IMO   | Non applicable |  |
|             | instruments:   |                |  |
| Transpo     | rt of dangerous goods by air:                                  |                |  |
| With rega   | ard to IATA/ICAO 2023:   |                |  |
| 14.1        | UN number or ID number:  | Non-applicable |  |
| 14.2        | UN proper shipping name:                                       | Non-applicable |  |
|             | Transport hazard class(es):                                    | Non-applicable |  |
|             | Labels:  | Non-applicable |  |
|             | Packing group:   | Non-applicable |  |
|             | Environmental hazards:   | No             |  |
| 14.6        | Special precautions for user                                   |                |  |
|             | Physico-Chemical properties:                                   | see section 9  |  |
| 14.7        | Maritime transport in bulk<br>according to IMO<br>instruments: | Non-applicable |  |

# 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: Non-applicable



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# SECTION 15: REGULATORY INFORMATION (continued)

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.

# SECTION 16: OTHER INFORMATION

# Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

# Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMMISSION REGULATION (EU) 2020/878

Information on basic physical and chemical properties (SECTION 9):

Flash Point

### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

### CLP Regulation (EC) No 1272/2008:

### Non-applicable

### **Classification procedure:**

Non-applicable

# Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

### Principal bibliographical sources:

http://echa.europa.eu http://eur-lex.europa.eu

### Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

- IMDG: International maritime dangerous goods code
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organisation
- COD: Chemical Oxygen Demand
- BOD5: 5day biochemical oxygen demand BCF: Bioconcentration factor
- LD50: Lethal Dose 50
- LC50: Lethal Concentration 50
- EC50: Effective concentration 50
- LogPOW: Octanolwater partition coefficient
- Koc: Partition coefficient of organic carbon
- UFI: unique formula identifier
- IARC: International Agency for Research on Cancer



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Product safety information sheet prepared in accordance with Article 32 of Regulation (EC) 1907/2006 (REACH); this document does not constitute a Safety Data Sheet under Article 31 of Regulation (EC) No. 1907/2006, as a Safety Data Sheet is not mandatory for this product 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.



# MD04911/2 - SARS-CoV-2 PPMix III (RdRP, N & E)

| Date of | compilation: 05/07/202   | 2 Revi          | sed: 05/02/2024       | Version: 2 (Replaced 1)  |  |  |  |
|---------|--|-----------------|-----------------------|--|--|--|--|
| SECT    | TION 1: IDENTIFICA   | TION OF TH      | HE SUBSTANCE/I        | MIXTURE AND OF THE COMPANY/UNDERTAKING   |  |  |  |
| 1.1     | Product identifier:  | MD04911/2 -     | SARS-CoV-2 PPMix      | III (RdRP, N & E)  |  |  |  |
|         |  | Not a hazardo   | ous substance         |  |  |  |  |
|         | CAS:   | Non-applicabl   | e                     |  |  |  |  |
|         | EC:  | Non-applicabl   | e                     |  |  |  |  |
|         | Index:   | Non-applicabl   | e                     |  |  |  |  |
|         | REACH:   | Non-applicabl   | e                     |  |  |  |  |
|         | Other means of ide   | ntification:    |                       |  |  |  |  |
|         | Non-applicable   |                 |                       |  |  |  |  |
| 1.2     | Relevant identified  | uses of the     | substance or mix      | ture and uses advised against:   |  |  |  |
|         | Relevant uses: Labora  | atory. For prof | essional users only.  |  |  |  |  |
|         | Uses advised against:  | All uses not s  | pecified in this sect | ion or in section 7.3  |  |  |  |
| 1.3     | Details of the supp  | lier of the sa  | fety data sheet:      |  |  |  |  |
|         | NZYtech, Lda<br>Estrada do Paco do Lumiar Campus do Lumiar - Edif. E, r/c<br>1649-038 Lisboa - Lisboa - Portugal<br>Phone: +351 213643514<br>info@nzytech.com<br>www.nzytech.com |                 |                       |  |  |  |  |
| 1.4     | Emergency telepho  | ne number:      |                       | enter (Portugal) CIAV: +351 800 250 250; Outside Portugal: Call your nformation Service or call local Life Saving Service. |  |  |  |

# SECTION 2: HAZARDS IDENTIFICATION

# 2.1 Classification of the substance or mixture:

### CLP Regulation (EC) No 1272/2008:

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

# 2.2 Label elements:

# CLP Regulation (EC) No 1272/2008:

Labelling of packages where the contents do not exceed 125 ml:

None

# 2.3 Other hazards:

# Product does not meet PBT/vPvB criteria

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

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.1 Substance:

### Chemical description: Mixture of substances

# Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

|   | Identification       |                       | Chemical name/Classification |       |  |
|---|----------------------|-----------------------|------------------------------|-------|--|
| CAS: Non-applicable<br>EC: Non-applicable<br>Index: Non-applicable<br>REACH: Non-applicable | Not a hazardous subs | stance Not classified |                              |       |  |
|   | Non-applicable       | Regulation 1272/2008  |                              | 100 % |  |

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

# 3.2 Mixture:

Non-applicable



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# SECTION 4: FIRST AID MEASURES

# 4.1 Description of first aid measures:

Consult a doctor in case of discomfort showing the SDS for the product.

### By inhalation:

In case of symptoms, move the person affected into fresh air.

# By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

# By eye contact:

Rinse with water until the product has been eliminated. In case of problems, consult a doctor showing the SDS for the product.

# By ingestion/aspiration:

In case of consumption in large quantities, it is recommended to seek medical assistance.

# 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:

Product is non-flammable, with a low risk of fire due to the flammability characteristics of the product in normal conditions of storage, handling and use. In the case of the existence of sustained combustion as a result of improper handling, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

# Unsuitable extinguishing media:

Non-applicable

# 5.2 Special hazards arising from the substance or mixture:

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

# 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

# Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

# 6.1 Personal precautions, protective equipment and emergency procedures:

# For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task.

### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

# 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

# 6.3 Methods and material for containment and cleaning up:

It is recommended:



# MD04911/2 - SARS-CoV-2 PPMix III (RdRP, N & E)

Date of compilation: 05/07/2022 Revised: 05/02/2024 Version: 2 (Replaced 1) SECTION 6: ACCIDENTAL RELEASE MEASURES (continued) Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13. 6.4 Reference to other sections: See sections 8 and 13. SECTION 7: HANDLING AND STORAGE 7.1 Precautions for safe handling: A.- General precautions for safe use Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6). B.- Technical recommendations for the prevention of fires and explosions It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided. C.- Technical recommendations on general occupational hygiene Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. D.- Technical recommendations to prevent environmental risks It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2 7.2 Conditions for safe storage, including any incompatibilities: A.- Technical measures for storage Store in a cool, dry, well-ventilated location B.- General conditions for storage Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5 7.3 Specific end 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):

There are no applicable occupational exposure limits for the substances contained in the product

# DNEL (Workers):

### Non-applicable

### DNEL (General population):

Non-applicable

### PNEC:

Non-applicable

### 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

### B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands



| TION   | 8: EXPOSURE  | CONTROLS/PERSONA                                      | L PROTECTI      | ION (continued)                 |   |  |
|--------|--|---|-----------------|---------------------------------|---|--|
|        | Pictogram  | PPE   | Labelling       | CEN Standard                    | Remarks   |  |
|        | Mandatory hand<br>protection   | Protective gloves against<br>minor risks              | CATI            |                                 | Replace gloves in case of any sign of damage. F<br>prolonged periods of exposure to the product for<br>professional users/industrials, we recommend us<br>CE III gloves in line with standards EN ISO<br>21420:2020 and EN ISO 374-1:2016+A1:2018                           |  |
| D      | Eye and face prot  | tection   |                 |                                 |   |  |
|        | Pictogram  | PPE   | Labelling       | CEN Standard                    | Remarks   |  |
|        | Mandatory face<br>protection   | Panoramic glasses against<br>splash/projections.      |                 | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according<br>the manufacturer's instructions. Use if there is<br>risk of splashing.  |  |
| E      | Body protection  |   |                 |                                 |   |  |
|        | Pictogram  | PPE   | Labelling       | CEN Standard                    | Remarks   |  |
|        |  | Work clothing   | CATI            |                                 | Replace before any evidence of deterioration. F<br>periods of prolonged exposure to the product for<br>professional/industrial users CE III is<br>recommended, in accordance with the regulatio<br>in EN ISO 6529:2013, EN ISO 6530:2005, EN IS<br>13688:2013, EN 464:1994. |  |
|        |  | Anti-slip work shoes                                  | CAT II          | EN ISO 20347:2012               | Replace before any evidence of deterioration. Fr<br>periods of prolonged exposure to the product fo<br>professional/industrial users CE III is<br>recommended, in accordance with the regulatio<br>in EN ISO 20345:2012 y EN 13832-1:2007                                   |  |
| F      | Additional emerge  | ency measures   |                 | •                               | -   |  |
|        | It is not necessar   | y to take additional emerg                            | jency measure   | S.                              |   |  |
| In spi | <b>Environmental exposure controls:</b><br>In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D<br><b>Volatile organic compounds:</b> |   |                 |                                 |   |  |
| Wit    | th regard to Direct  | ive 2010/75/EU, this prod                             | uct has the fol | lowing characteristics:         |   |  |
|        | V.O.C. (Supply):   | 0 % v   | veight          |                                 |   |  |
|        | V.O.C. density at  | 20 °C: 0 kg/r   | n³ (0 g/L)      |                                 |   |  |
|        | Average carbon n   | number: Non-a   | pplicable       |                                 |   |  |
|        | Average molecula   | ar weight: Non-a                                      | pplicable       |                                 |   |  |
|        |  |   |                 |                                 |   |  |
| TION   | N 9: PHYSICAL /  | AND CHEMICAL PROP                                     | ERTIES          |                                 |   |  |
|        |  |   |                 |                                 |   |  |
|        |  | sic physical and chemic<br>ation see the product data |                 | 5:                              |   |  |
| Ар     | pearance:  |   |                 |                                 |   |  |
|        |  |   |                 |                                 |   |  |

| Physical state at 20 °C:   | Liquid           |  |  |  |
|--|------------------|--|--|--|
| Appearance:  | Not available    |  |  |  |
| Colour:  | Not available    |  |  |  |
| Odour:   | Not available    |  |  |  |
| Odour threshold:   | Non-applicable * |  |  |  |
| Volatility:  |                  |  |  |  |
| Boiling point at atmospheric pressure:   | Non-applicable * |  |  |  |
| Vapour pressure at 20 °C:  | Non-applicable * |  |  |  |
| *Not relevant due to the nature of the product, not providing information property of its hazards. |                  |  |  |  |



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|---------|--|----------------------------------|
| SEC     | TION 9: PHYSICAL AND CHEMICAL PROPERTIE                            | S (continued)                    |
|         | Vapour pressure at 50 °C:  | <300000 Pa (300 kPa)             |
|         | Evaporation rate at 20 °C:   | Non-applicable *                 |
|         | Product description:   |                                  |
|         | Density at 20 °C:  | 1100 kg/m³                       |
|         | Relative density at 20 °C:   | 1,1                              |
|         | 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 Flammable (>60 °C)           |
|         | Flammability (solid, gas):   | Non-applicable *                 |
|         | Autoignition temperature:  | Non-applicable *                 |
|         | Lower flammability limit:  | Non-applicable *                 |
|         | Upper flammability limit:  | Non-applicable *                 |
|         | Particle characteristics:  |                                  |
|         | Median equivalent diameter:  | Non-applicable                   |
| 9.2     | Other information:   |                                  |
|         | Information with regard to physical hazard clas                    | ses:                             |
|         | 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:    | Non-applicable *                 |
|         | Other safety characteristics:                                      |                                  |
|         | Surface tension at 20 °C:  | Non-applicable *                 |
|         | Refraction index:  | Non-applicable *                 |
|         | *Not relevant due to the nature of the product, not providing info | rmation property of its hazards. |

# 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.



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| SECTION 10: STABILITY AND REACTIVITY (continued) |   |   |  |  |  |  |
|--|---|---|--|--|--|--|
| litions to avoid:                                |   |   |  |  |  |  |
| cable for handling and                           | l storage at room tempera   | ature:  |  |  |  |  |
| Shock and friction                               | Contact with air  | Increase in temperature   | Sunlight   | Humidity   |  |  |
| Not applicable                                   | Not applicable  | Not applicable  | Not applicable   | Not applicable   |  |  |
| Incompatible materials:                          |   |   |  |  |  |  |
| Acids  | Water   | Oxidising materials   | Combustible materials  | Others   |  |  |
| Avoid strong acids                               | Not applicable  | Not applicable  | Not applicable   | Avoid alkalis or strong bas  |  |  |
|  | cable for handling and<br>Shock and friction<br>Not applicable<br>mpatible materials<br>Acids | Cable for handling and storage at room temperal       Shock and friction     Contact with air       Not applicable     Not applicable       mpatible materials:     Acids | cable for handling and storage at room temperature:         Shock and friction       Contact with air       Increase in temperature         Not applicable       Not applicable       Not applicable         mpatible materials:       Acids       Water       Oxidising materials | cable for handling and storage at room temperature:         Shock and friction       Contact with air       Increase in temperature       Sunlight         Not applicable       Not applicable       Not applicable       Not applicable         mpatible materials:       Acids       Water       Oxidising materials |  |  |

### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

LD50 oral > 2000 mg/kg (rat)

### **Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met
  - Contact with the eyes: Based on available data, the classification criteria are not met
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met IARC: Non-applicable
  - Mutagenicity: Based on available data, the classification criteria are not met
  - Reproductive toxicity: Based on available data, the classification criteria are not met
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- H- Aspiration hazard:

Based on available data, the classification criteria are not met

### Other information:

Non-applicable

Specific toxicology information on the substances:



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| SECTION 11: TOXICOLOGICAL INFORMATION (continued) |                 |                |       |  |  |
|---|-----------------|----------------|-------|--|--|
| Identification                                    | Ad              | cute toxicity  | Genus |  |  |
| Not a hazardous substance                         | LD50 oral       | >2000 mg/kg    |       |  |  |
| CAS: Non-applicable                               | LD50 dermal     | >2000 mg/kg    |       |  |  |
| EC: Non-applicable                                | 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

Based on available data, the classification criteria are not met

# 12.1 Toxicity:

Not available

- **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.

# 12.7 Other adverse effects:

Not described

# SECTION 13: DISPOSAL CONSIDERATIONS

# **13.1 Waste treatment methods:**

| Code | Description   | Waste class (Regulation (EU) No<br>1357/2014) |
|------|---|---|
|      | It is not possible to assign a specific code, as it depends on the intended use by the user | Non dangerous                                 |

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

Non-applicable

# 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

# Transport of dangerous goods by land:



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|----------------------|---------------------------------------|------------------------------|--|--|--|--|
| SECTION 14: 7        | FRANSPORT INFORMATION (               | ntinued)                     |  |  |  |  |
| With reg             | With regard to ADR 2023 and RID 2023: |                              |  |  |  |  |
| 14.1                 | UN number or ID number:               | on-applicable                |  |  |  |  |
| 14.2                 | UN proper shipping name:              | on-applicable                |  |  |  |  |
| 14.3                 | Transport hazard class(es):           | on-applicable                |  |  |  |  |
|                      | Labels:                               | on-applicable                |  |  |  |  |
| 14.4                 | Packing group:                        | on-applicable                |  |  |  |  |
| -                    | Environmental hazards:                | 0                            |  |  |  |  |
| 14.6                 | Special precautions for user          |                              |  |  |  |  |
|                      | Special regulations:                  | on-applicable                |  |  |  |  |
|                      | Tunnel restriction code:              | on-applicable                |  |  |  |  |
|                      | Physico-Chemical properties:          | ee section 9                 |  |  |  |  |
|                      | Limited quantities:                   | on-applicable                |  |  |  |  |
| 14.7                 | Maritime transport in bulk            | on-applicable                |  |  |  |  |
|                      | according to IMO<br>instruments:      |                              |  |  |  |  |
| Tuenene              |                                       |                              |  |  |  |  |
| •                    | ort of dangerous goods by sea:        |                              |  |  |  |  |
| With reg             | ard to IMDG 40-20:                    |                              |  |  |  |  |
|                      | UN number or ID number:               | on-applicable                |  |  |  |  |
|                      | UN proper shipping name:              | on-applicable                |  |  |  |  |
| 14.3                 | Transport hazard class(es):           | on-applicable                |  |  |  |  |
|                      | Labels:                               | on-applicable                |  |  |  |  |
|                      | Packing group:                        | on-applicable                |  |  |  |  |
|                      | Marine pollutant:                     | 0                            |  |  |  |  |
| 14.6                 | Special precautions for user          |                              |  |  |  |  |
|                      | Special regulations:                  | on-applicable                |  |  |  |  |
|                      | EmS Codes:                            |                              |  |  |  |  |
|                      | Physico-Chemical properties:          | ee section 9                 |  |  |  |  |
|                      | Limited quantities:                   | on-applicable                |  |  |  |  |
|                      | Segregation group:                    | on-applicable                |  |  |  |  |
| 14.7                 | Maritime transport in bulk            | on-applicable                |  |  |  |  |
|                      | according to IMO<br>instruments:      |                              |  |  |  |  |
| Transno              | ort of dangerous goods by air:        |                              |  |  |  |  |
| -                    |                                       |                              |  |  |  |  |
| -                    | ard to IATA/ICAO 2023:                |                              |  |  |  |  |
|                      | UN number or ID number:               | on-applicable                |  |  |  |  |
|                      | UN proper shipping name:              | on-applicable                |  |  |  |  |
| 14.3                 | Transport hazard class(es):           | on-applicable                |  |  |  |  |
|                      | Labels:                               | on-applicable                |  |  |  |  |
|                      | Packing group:                        | on-applicable                |  |  |  |  |
| -                    | Environmental hazards:                | 0                            |  |  |  |  |
| 14.6                 | Special precautions for user          |                              |  |  |  |  |
|                      | Physico-Chemical properties:          | ee section 9                 |  |  |  |  |
| 14.7                 | Maritime transport in bulk            | on-applicable                |  |  |  |  |
|                      | according to IMO                      |                              |  |  |  |  |
|                      | instruments:                          |                              |  |  |  |  |

# 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



# MD04911/2 - SARS-CoV-2 PPMix III (RdRP, N & E)

Date of compilation: 05/07/2022 Revised: 05/02/2024 Version: 2 (Replaced 1) SECTION 15: REGULATORY INFORMATION (continued) Article 95, REGULATION (EU) No 528/2012: Non-applicable 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. SECTION 16: OTHER INFORMATION Legislation related to safety data sheets: The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878). Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.: COMMISSION REGULATION (EU) 2020/878 Texts of the legislative phrases mentioned in section 3: The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3 CLP Regulation (EC) No 1272/2008: Non-applicable Advice related to training: Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product. Principal bibliographical sources: http://echa.europa.eu http://eur-lex.europa.eu Abbreviations and acronyms: ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50 LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon UFI: unique formula identifier IARC: International Agency for Research on Cancer

Product safety information sheet prepared in accordance with Article 32 of Regulation (EC) 1907/2006 (REACH); this document does not constitute a Safety Data Sheet under Article 31 of Regulation (EC) No. 1907/2006, as a Safety Data Sheet is not mandatory for this product 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 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.



| Date of | compilation: 05/07/202   | 2 Revi         | sed: 05/02/2024  | Version: 2 (Replaced 1)  |  |  |
|---------|--|----------------|------------------|--|--|--|
| SECT    | TION 1: IDENTIFICA   | ATION OF TH    | IE SUBSTANCE/    | MIXTURE AND OF THE COMPANY/UNDERTAKING   |  |  |
| 1.1     | Product identifier:  | MD04911/2 -    | SARS-CoV-2 POS 1 | . (RdRp, N & E)  |  |  |
|         |  | Not a hazardo  | ous substance    |  |  |  |
|         | CAS:   | Non-applicabl  | e                |  |  |  |
|         | EC:  | Non-applicabl  | e                |  |  |  |
|         | Index:   | Non-applicabl  | e                |  |  |  |
|         | REACH:   | Non-applicabl  | e                |  |  |  |
|         | Other means of ide   | ntification:   |                  |  |  |  |
|         | Non-applicable   |                |                  |  |  |  |
| 1.2     | 2 Relevant identified uses of the substance or mixture and uses advised against:   |                |                  |  |  |  |
|         | Relevant uses: Laboratory. For professional users only.  |                |                  |  |  |  |
|         | Uses advised against: All uses not specified in this section or in section 7.3   |                |                  |  |  |  |
| 1.3     | Details of the supp  | lier of the sa | fety data sheet: |  |  |  |
|         | NZYtech, Lda<br>Estrada do Paco do Lumiar Campus do Lumiar - Edif. E, r/c<br>1649-038 Lisboa - Lisboa - Portugal<br>Phone: +351 213643514<br>info@nzytech.com<br>www.nzytech.com |                |                  |  |  |  |
| 1.4     | Emergency telepho  | one number:    |                  | enter (Portugal) CIAV: +351 800 250 250; Outside Portugal: Call your nformation Service or call local Life Saving Service. |  |  |

# SECTION 2: HAZARDS IDENTIFICATION

# 2.1 Classification of the substance or mixture:

# CLP Regulation (EC) No 1272/2008:

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

# 2.2 Label elements:

# CLP Regulation (EC) No 1272/2008:

Labelling of packages where the contents do not exceed 125 ml:

None

# 2.3 Other hazards:

# Product does not meet PBT/vPvB criteria

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

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.1 Substance:

### Chemical description: Mixture of substances

# Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

|               | Identification                                     |                      | Chemical name/Classification | Concentration |
|---------------|--|----------------------|------------------------------|---------------|
| EC:<br>Index: |  | Not a hazardous subs | stance Not classified        |               |
|               | Non-applicable<br>Non-applicable<br>Non-applicable | Regulation 1272/2008 |                              | 100 %         |

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

# 3.2 Mixture:

Non-applicable



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# SECTION 4: FIRST AID MEASURES

# 4.1 Description of first aid measures:

Consult a doctor in case of discomfort showing the SDS for the product.

### By inhalation:

In case of symptoms, move the person affected into fresh air.

# By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

# By eye contact:

Rinse with water until the product has been eliminated. In case of problems, consult a doctor showing the SDS for the product.

# By ingestion/aspiration:

In case of consumption in large quantities, it is recommended to seek medical assistance.

### 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:

Product is non-flammable, with a low risk of fire due to the flammability characteristics of the product in normal conditions of storage, handling and use. In the case of the existence of sustained combustion as a result of improper handling, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

# Unsuitable extinguishing media:

Non-applicable

### 5.2 Special hazards arising from the substance or mixture:

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

# Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task.

### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

# 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up:

It is recommended:



# MD04911/2 - SARS-CoV-2 POS 1 (RdRp, N & E)

Date of compilation: 05/07/2022 Revised: 05/02/2024 Version: 2 (Replaced 1) SECTION 6: ACCIDENTAL RELEASE MEASURES (continued) Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13. 6.4 Reference to other sections: See sections 8 and 13. SECTION 7: HANDLING AND STORAGE 7.1 Precautions for safe handling: A.- General precautions for safe use Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6). B.- Technical recommendations for the prevention of fires and explosions It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided. C.- Technical recommendations on general occupational hygiene Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. D.- Technical recommendations to prevent environmental risks It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2 7.2 Conditions for safe storage, including any incompatibilities: A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

# 7.3 Specific end 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):

There are no applicable occupational exposure limits for the substances contained in the product

# DNEL (Workers):

### Non-applicable

### DNEL (General population):

Non-applicable

### PNEC:

Non-applicable

### 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

### B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands



|                           | Pictogram  | PPE  | Labelling         | CEN Standard                    | Remarks   |  |
|---------------------------|--|--|-------------------|---------------------------------|---|--|
|                           | Mandatory hand<br>protection   | Protective gloves against<br>minor risks         |                   |                                 | Replace gloves in case of any sign of damage.<br>prolonged periods of exposure to the product<br>professional users/industrials, we recommend u<br>CE III gloves in line with standards EN ISO<br>21420:2020 and EN ISO 374-1:2016+A1:201                           |  |
| D                         | Eye and face prot  | tection  |                   |                                 |   |  |
|                           | Pictogram  | PPE  | Labelling         | CEN Standard                    | Remarks   |  |
|                           | Mandatory face<br>protection   | Panoramic glasses against<br>splash/projections. | CAT II            | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according<br>the manufacturer's instructions. Use if there i<br>risk of splashing.   |  |
| E                         | Body protection  |  |                   |                                 |   |  |
|                           | Pictogram  | PPE  | Labelling         | CEN Standard                    | Remarks   |  |
|                           |  | Work clothing                                    | CATI              |                                 | Replace before any evidence of deterioration.<br>periods of prolonged exposure to the product<br>professional/industrial users CE III is<br>recommended, in accordance with the regulati<br>in EN ISO 6529:2013, EN ISO 6530:2005, EN I<br>13688:2013, EN 464:1994. |  |
|                           |  | Anti-slip work shoes                             | CAT II            | EN ISO 20347:2012               | Replace before any evidence of deterioration.<br>periods of prolonged exposure to the product<br>professional/industrial users CE III is<br>recommended, in accordance with the regulati<br>in EN ISO 20345:2012 y EN 13832-1:2007                                  |  |
| <b>En</b><br>In a<br>spil | <ul> <li>F Additional emergency measures         It is not necessary to take additional emergency measures.     </li> <li>Environmental exposure controls:         In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D     <li>Volatile organic compounds:</li> </li></ul> |  |                   |                                 |   |  |
|                           | -  | ive 2010/75/EU, this pr                          | oduct has the fol | owing characteristics:          |   |  |
|                           | V.O.C. (Supply):   |  | weight            |                                 |   |  |
|                           | V.O.C. density at  |  | g/m³ (0 g/L)      |                                 |   |  |
|                           | Average carbon n   | number: Nor                                      | n-applicable      |                                 |   |  |
|                           | Average carbon n   |  |                   |                                 |   |  |

For complete information see the product datasheet. **Appearance:** 

| Appearance.  |                  |  |  |  |
|--|------------------|--|--|--|
| Physical state at 20 °C:   | Liquid           |  |  |  |
| Appearance:  | Not available    |  |  |  |
| Colour:  | Not available    |  |  |  |
| Odour:   | Not available    |  |  |  |
| Odour threshold:   | Non-applicable * |  |  |  |
| Volatility:  |                  |  |  |  |
| Boiling point at atmospheric pressure:   | Non-applicable * |  |  |  |
| Vapour pressure at 20 °C:  | Non-applicable * |  |  |  |
| *Not relevant due to the nature of the product, not providing information property of its hazards. |                  |  |  |  |



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|---------|---|---------------------------------|
| SEC     | TION 9: PHYSICAL AND CHEMICAL PROPERTIES                            | S (continued)                   |
|         | Vapour pressure at 50 °C:   | <300000 Pa (300 kPa)            |
|         | Evaporation rate at 20 °C:  | Non-applicable *                |
|         | Product description:  |                                 |
|         | Density at 20 °C:   | 1100 kg/m³                      |
|         | Relative density at 20 °C:  | 1,1                             |
|         | 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 Flammable (>60 °C)          |
|         | Flammability (solid, gas):  | Non-applicable *                |
|         | Autoignition temperature:   | Non-applicable *                |
|         | Lower flammability limit:   | Non-applicable *                |
|         | Upper flammability limit:   | Non-applicable *                |
|         | Particle characteristics:   |                                 |
|         | Median equivalent diameter:   | Non-applicable                  |
| 9.2     | Other information:  |                                 |
|         | Information with regard to physical hazard class                    | ses:                            |
|         | 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 components:        | Non-applicable *                |
|         | Other safety characteristics:                                       |                                 |
|         | Surface tension at 20 °C:   | Non-applicable *                |
|         | Refraction index:   | Non-applicable *                |
|         | *Not relevant due to the nature of the product, not providing infor | mation property of its hazards. |

# 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.



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| Applicable | for bandling and |                       |                         |                |                |
|------------|------------------|-----------------------|-------------------------|----------------|----------------|
|            | for nanuling and | storage at room tempe | erature:                |                |                |
| Shock      | and friction     | Contact with air      | Increase in temperature | Sunlight       | Humidity       |
| Not        | applicable       | Not applicable        | Not applicable          | Not applicable | Not applicable |

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Not applicable      | Not applicable        | Avoid alkalis or strong bases |

### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

LD50 oral > 2000 mg/kg (rat)

### **Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met
  - Contact with the eyes: Based on available data, the classification criteria are not met
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met IARC: Non-applicable
  - Mutagenicity: Based on available data, the classification criteria are not met
  - Reproductive toxicity: Based on available data, the classification criteria are not met
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- H- Aspiration hazard:

Based on available data, the classification criteria are not met

### Other information:

Non-applicable

Specific toxicology information on the substances:

- CONTINUED ON NEXT PAGE -



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# SECTION 11: TOXICOLOGICAL INFORMATION (continued) Identification Acute toxicity Genus Not a hazardous substance LD50 oral >2000 mg/kg LD50 dermal >2000 mg/kg CAS: Non-applicable LD50 dermal >2000 mg/kg LD50 dermal >2000 mg/kg EC: Non-applicable LC50 inhalation Non-applicable 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

Based on available data, the classification criteria are not met

# 12.1 Toxicity:

Not available

- **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.

# 12.7 Other adverse effects:

Not described

# SECTION 13: DISPOSAL CONSIDERATIONS

# **13.1 Waste treatment methods:**

| Code | Description   | Waste class (Regulation (EU) No<br>1357/2014) |
|------|---|---|
|      | It is not possible to assign a specific code, as it depends on the intended use by the user | Non dangerous                                 |

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

Non-applicable

# 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

# Transport of dangerous goods by land:



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|----------------------|--|----------------------------------|
| SECTION 14: T        | RANSPORT INFORMATION (   | continued)                       |
| With reg             | ard to ADR 2023 and RID 2023:                                  |                                  |
| 14.1                 | UN number or ID number:  | Non-applicable                   |
| 14.2                 | UN proper shipping name:                                       | Non-applicable                   |
| 14.3                 | Transport hazard class(es):                                    | Non-applicable                   |
|                      | Labels:  | Non-applicable                   |
| 14.4                 | Packing group:   | Non-applicable                   |
| 14.5                 | Environmental hazards:   | No                               |
| 14.6                 | Special precautions for user                                   |                                  |
|                      | Special regulations:   | Non-applicable                   |
|                      | Tunnel restriction code:                                       | Non-applicable                   |
|                      | Physico-Chemical properties:                                   | see section 9                    |
|                      | Limited quantities:  | Non-applicable                   |
| 14.7                 | Maritime transport in bulk                                     | Non-applicable                   |
|                      | according to IMO<br>instruments:                               |                                  |
| Transpo              | rt of dangerous goods by sea:                                  |                                  |
| With rega            | ard to IMDG 40-20:   |                                  |
| 14.1                 | UN number or ID number:  | Non-applicable                   |
| 14.2                 | UN proper shipping name:                                       | Non-applicable                   |
| 14.3                 | Transport hazard class(es):                                    | Non-applicable                   |
|                      | Labels:  | Non-applicable                   |
| 14.4                 | Packing group:   | Non-applicable                   |
| 14.5                 | Marine pollutant:  | No                               |
| 14.6                 | Special precautions for user                                   |                                  |
|                      | Special regulations:   | Non-applicable                   |
|                      | EmS Codes:   |                                  |
|                      | Physico-Chemical properties:                                   | see section 9                    |
|                      | Limited quantities:  | Non-applicable                   |
|                      | Segregation group:   | Non-applicable                   |
| 14.7                 | Maritime transport in bulk<br>according to IMO                 | Non-applicable                   |
| _                    | instruments:   |                                  |
| -                    | rt of dangerous goods by air:                                  |                                  |
| -                    | ard to IATA/ICAO 2023:   |                                  |
|                      | UN number or ID number:  | Non-applicable                   |
|                      | UN proper shipping name:                                       | Non-applicable                   |
| 14.3                 | Transport hazard class(es):<br>Labels:                         | Non-applicable<br>Non-applicable |
| 14.4                 | Packing group:   | Non-applicable                   |
|                      | Environmental hazards:   | No                               |
|                      | Special precautions for user                                   |                                  |
|                      | Physico-Chemical properties:                                   | see section 9                    |
| 14.7                 | Maritime transport in bulk<br>according to IMO<br>instruments: | Non-applicable                   |

# 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



# MD04911/2 - SARS-CoV-2 POS 1 (RdRp, N & E)

Date of compilation: 05/07/2022 Revised: 05/02/2024 Version: 2 (Replaced 1) SECTION 15: REGULATORY INFORMATION (continued) Article 95, REGULATION (EU) No 528/2012: Non-applicable 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. SECTION 16: OTHER INFORMATION Legislation related to safety data sheets: The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878). Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.: COMMISSION REGULATION (EU) 2020/878 Texts of the legislative phrases mentioned in section 3: The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3 CLP Regulation (EC) No 1272/2008: Non-applicable Advice related to training: Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product. Principal bibliographical sources: http://echa.europa.eu http://eur-lex.europa.eu Abbreviations and acronyms: ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50 LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon UFI: unique formula identifier IARC: International Agency for Research on Cancer Product safety information sheet prepared in accordance with Article 32 of Regulation (EC) 1907/2006 (REACH); this document does not constitute a Safety Data Sheet under Article 31 of

Regulation (EC) No. 1907/2006, as a Safety Data Sheet is not mandatory for this product 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.



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|---------|--|-----------------|-----------------------|--|
| SECT    | TION 1: IDENTIFICA   | ATION OF TH     | IE SUBSTANCE/         | MIXTURE AND OF THE COMPANY/UNDERTAKING   |
| 1.1     | Product identifier:  | MD04911/2 -     | SARS-CoV-2 POS 2      | 2 (RdRp, N & E)  |
|         |  | Not a hazardo   | ous substance         |  |
|         | CAS:   | Non-applicabl   | e                     |  |
|         | EC:  | Non-applicabl   | e                     |  |
|         | Index:   | Non-applicabl   | e                     |  |
|         | REACH:   | Non-applicabl   | e                     |  |
|         | Other means of ide   | ntification:    |                       |  |
|         | Non-applicable   |                 |                       |  |
| 1.2     | <b>Relevant identified</b>   | uses of the     | substance or mix      | ture and uses advised against:   |
|         | Relevant uses: Labora  | atory. For prof | essional users only.  |  |
|         | Uses advised against:  | All uses not s  | pecified in this sect | ion or in section 7.3  |
| 1.3     | Details of the supp  | lier of the sa  | fety data sheet:      |  |
|         | NZYtech, Lda<br>Estrada do Paco do Lu<br>1649-038 Lisboa - Lis<br>Phone: +351 213643!<br>info@nzytech.com<br>www.nzytech.com | boa - Portugal  |                       | , r/c  |
| 1.4     | Emergency telepho  | one number:     |                       | enter (Portugal) CIAV: +351 800 250 250; Outside Portugal: Call your nformation Service or call local Life Saving Service. |

# SECTION 2: HAZARDS IDENTIFICATION

# 2.1 Classification of the substance or mixture:

# CLP Regulation (EC) No 1272/2008:

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

# 2.2 Label elements:

# CLP Regulation (EC) No 1272/2008:

Labelling of packages where the contents do not exceed 125 ml:

None

# 2.3 Other hazards:

# Product does not meet PBT/vPvB criteria

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

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# 3.1 Substance:

### Chemical description: Mixture of substances

# Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

|        | Identification                                     |                      | Chemical name/Classification | Concentration |
|--------|--|----------------------|------------------------------|---------------|
| CAS:   |  | Not a hazardous subs | stance Not classified        |               |
| Index: | Non-applicable<br>Non-applicable<br>Non-applicable | Regulation 1272/2008 |                              | 100 %         |

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

# 3.2 Mixture:

Non-applicable



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# SECTION 4: FIRST AID MEASURES

# 4.1 Description of first aid measures:

Consult a doctor in case of discomfort showing the SDS for the product.

### By inhalation:

In case of symptoms, move the person affected into fresh air.

# By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

# By eye contact:

Rinse with water until the product has been eliminated. In case of problems, consult a doctor showing the SDS for the product.

# By ingestion/aspiration:

In case of consumption in large quantities, it is recommended to seek medical assistance.

### 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:

Product is non-flammable, with a low risk of fire due to the flammability characteristics of the product in normal conditions of storage, handling and use. In the case of the existence of sustained combustion as a result of improper handling, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

# Unsuitable extinguishing media:

Non-applicable

### 5.2 Special hazards arising from the substance or mixture:

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

# Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task.

### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

# 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

### 6.3 Methods and material for containment and cleaning up:

It is recommended:



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Date of compilation: 05/07/2022 Revised: 05/02/2024 Version: 2 (Replaced 1) SECTION 6: ACCIDENTAL RELEASE MEASURES (continued) Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13. 6.4 Reference to other sections: See sections 8 and 13. SECTION 7: HANDLING AND STORAGE 7.1 Precautions for safe handling: A.- General precautions for safe use Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6). B.- Technical recommendations for the prevention of fires and explosions It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided. C.- Technical recommendations on general occupational hygiene Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. D.- Technical recommendations to prevent environmental risks It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2 7.2 Conditions for safe storage, including any incompatibilities: A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

# 7.3 Specific end 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):

There are no applicable occupational exposure limits for the substances contained in the product

# DNEL (Workers):

### Non-applicable

### DNEL (General population):

Non-applicable

### PNEC:

Non-applicable

### 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

### B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands



|      | Pictogram                    | PPE  | Labelling        | CEN Standard                    | Remarks  |
|------|------------------------------|--|------------------|---------------------------------|--|
|      | Mandatory hand<br>protection | Protective gloves against<br>minor risks         | CATI             |                                 | Replace gloves in case of any sign of damage.<br>prolonged periods of exposure to the product<br>professional users/industrials, we recommend u<br>CE III gloves in line with standards EN ISO<br>21420:2020 and EN ISO 374-1:2016+A1:201                        |
| D    | Eye and face prot            | ection   |                  |                                 | •  |
|      | Pictogram                    | PPE  | Labelling        | CEN Standard                    | Remarks  |
|      | Mandatory face<br>protection | Panoramic glasses against<br>splash/projections. |                  | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according<br>the manufacturer's instructions. Use if there<br>risk of splashing.  |
| E    | Body protection              |  |                  |                                 |  |
|      | Pictogram                    | PPE  | Labelling        | CEN Standard                    | Remarks  |
|      |                              | Work clothing                                    | CATI             |                                 | Replace before any evidence of deterioration.<br>periods of prolonged exposure to the product<br>professional/industrial users CE III is<br>recommended, in accordance with the regulat<br>in EN ISO 6529:2013, EN ISO 6530:2005, EN<br>13688:2013, EN 464:1994. |
|      |                              | Anti-slip work shoes                             | CAT II           | EN ISO 20347:2012               | Replace before any evidence of deterioration.<br>periods of prolonged exposure to the product<br>professional/industrial users CE III is<br>recommended, in accordance with the regulat<br>in EN ISO 20345:2012 y EN 13832-1:2007                                |
| F    | Additional emerge            | ency measures                                    |                  |                                 | •  |
|      | It is not necessar           | y to take additional emer                        | gency measure    | S.                              |  |
| Env  | vironmental exp              | osure controls:                                  |                  |                                 |  |
| spil |                              | roduct and its container.                        |                  |                                 | is recommended to avoid environmental<br>n 7.1.D   |
|      | -                            | ive 2010/75/EU, this prod                        | duct has the fol | lowing characteristics:         |  |
|      | V.O.C. (Supply):             |  | weight           | -                               |  |
|      | V.O.C. density at            | 20 °C: 0 kg/                                     | m³ (0 g/L)       |                                 |  |
|      | Average carbon n             | number: Non-a                                    | applicable       |                                 |  |
|      | Average molecula             | ar weight Non-a                                  | applicable       |                                 |  |

# 9.1 Information on basic physical and chemical properties:

| For complete information see the product data              | sheet.                                    |
|--|---|
| Appearance:  |   |
| Physical state at 20 °C:                                   | Liquid                                    |
| Appearance:  | Not available                             |
| Colour:  | Not available                             |
| Odour:   | Not available                             |
| Odour threshold:   | Non-applicable *                          |
| Volatility:  |   |
| Boiling point at atmospheric pressure:                     | Non-applicable *                          |
| Vapour pressure at 20 °C:                                  | Non-applicable *                          |
| *Not relevant due to the nature of the product, not provid | ding information property of its hazards. |



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|---------|---|---------------------------------|
| SEC     | TION 9: PHYSICAL AND CHEMICAL PROPERTIES                            | 5 (continued)                   |
|         | Vapour pressure at 50 °C:   | <300000 Pa (300 kPa)            |
|         | Evaporation rate at 20 °C:  | Non-applicable *                |
|         | Product description:  |                                 |
|         | Density at 20 °C:   | 1100 kg/m³                      |
|         | Relative density at 20 °C:  | 1,1                             |
|         | 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 Flammable (>60 °C)          |
|         | Flammability (solid, gas):  | Non-applicable *                |
|         | Autoignition temperature:   | Non-applicable *                |
|         | Lower flammability limit:   | Non-applicable *                |
|         | Upper flammability limit:   | Non-applicable *                |
|         | Particle characteristics:   |                                 |
|         | Median equivalent diameter:   | Non-applicable                  |
| 9.2     | Other information:  |                                 |
|         | Information with regard to physical hazard class                    | ses:                            |
|         | 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 components:        | Non-applicable *                |
|         | Other safety characteristics:                                       | New and the late of             |
|         | Surface tension at 20 °C:   | Non-applicable *                |
|         | Refraction index:   | Non-applicable *                |
|         | *Not relevant due to the nature of the product, not providing infor | mation property of its hazards. |

# 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.



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| SECT | TON 10: STABILITY AND REACTIVITY (continued)             |
|------|--|
| 10.4 | Conditions to avoid:                                     |
|      | Applicable for handling and storage at room temperature: |

|      | Shock and friction      | Contact with air | Increase in temperature | Sunlight       | Humidity       |
|------|-------------------------|------------------|-------------------------|----------------|----------------|
|      | Not applicable          | Not applicable   | Not applicable          | Not applicable | Not applicable |
| 10.5 | Incompatible materials: |                  |                         |                |                |

|                           | ter Oxidising mater    | ials Combustible materi | als Others                    |
|---------------------------|------------------------|-------------------------|-------------------------------|
| Avoid strong acids Not ap | plicable Not applicabl | e Not applicable        | Avoid alkalis or strong bases |

### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide ( $CO_2$ ), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

LD50 oral > 2000 mg/kg (rat)

### **Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
  - Acute toxicity: Based on available data, the classification criteria are not met
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met
  - Contact with the eyes: Based on available data, the classification criteria are not met
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met IARC: Non-applicable
  - Mutagenicity: Based on available data, the classification criteria are not met
  - Reproductive toxicity: Based on available data, the classification criteria are not met
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- H- Aspiration hazard:

Based on available data, the classification criteria are not met

### Other information:

Non-applicable

Specific toxicology information on the substances:



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# SECTION 11: TOXICOLOGICAL INFORMATION (continued) Identification Acute toxicity Genus Not a hazardous substance LD50 oral >2000 mg/kg CAS: Non-applicable LD50 dermal >2000 mg/kg EC: Non-applicable 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

Based on available data, the classification criteria are not met

# 12.1 Toxicity:

Not available

- 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.

# 12.7 Other adverse effects:

Not described

# SECTION 13: DISPOSAL CONSIDERATIONS

# **13.1 Waste treatment methods:**

| Code | Description   | Waste class (Regulation (EU) No<br>1357/2014) |
|------|---|---|
|      | It is not possible to assign a specific code, as it depends on the intended use by the user | Non dangerous                                 |

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

Non-applicable

# 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

# Transport of dangerous goods by land:



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| SECTION 14: TRANSPORT INFORMATION (continued)         With regard to ADR 2023 and RID 2023:         14.1       UN norper shipping name:       Non-applicable         14.2       UN proper shipping name:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Environmental hazards:       Non-applicable         14.5       Special procautions for user       Special regulations:         Special regulations:       Non-applicable         Physico-Chemical properties:       Non-applicable         Numitted quantities:       Non-applicable         Non-applicable       Non-applicable         14.7       Maritime transport in bulk according to IMO instruments:         Transport of dangerous goods by sea:       With regard to IMDG 40-20:         14.1       UN number or ID number:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         14.4       Packing group:       Non-applicable         14.3       Transport to also rows       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Marite pollutant:       Non-applicable  | Date of compilation: | 05/07/2022 Revised: 05/0      | )2/2024        | Version: 2 (Replaced 1) |
|--|----------------------|-------------------------------|----------------|-------------------------|
| 14.1       UN number or ID number:       Non-applicable         14.2       UN proper shipping name:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Environmental hazards:       No         14.6       Special recautions for user       Non-applicable         Special regulations:       Non-applicable         Tunnel restriction code:       Non-applicable         Physico-Chemical properties:       see section 9         Limited quantities:       Non-applicable         according to IMO<br>instruments:       Non-applicable         14.1       UN number or ID number:       Non-applicable         14.2       UN proper shipping name:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         14.4       Packing group:       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Marine pollutant:       No         14.6       Special regulations:       Non-applicable         14.5       Marine pollutant:       No         14.6       Special regulations:       Non-applicable         14.7 <td< th=""><th>SECTION 14: T</th><th>RANSPORT INFORMATION (</th><th>continued)</th><th></th></td<>  | SECTION 14: T        | RANSPORT INFORMATION (        | continued)     |                         |
| 14.2UN proper shipping name:<br>Non-applicableNon-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:<br>Special recautions for user<br>  | With reg             | ard to ADR 2023 and RID 2023: |                |                         |
| 14.3Transport hazard class(es):<br>Labels:Non-applicable<br>Non-applicable14.4Packing group:<br>Non-applicableNon-applicable14.5Environmental hazards:<br>Special regulations:Non-applicable14.6Special regulations:<br>Physico-Chemical properties:<br>Non-applicableNon-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.7Maritime transport in bulk<br>according to IMO do 20:Non-applicable14.1UN proper shipping name:<br>Non-applicableNon-applicable14.2UW proper shipping name:<br>Non-applicableNon-applicable14.3Transport nzard class(es):<br>Special regulations:Non-applicable14.4Packing group:<br>Non-applicableNon-applicable14.4Packing group:<br>Non-applicableNon-applicable14.5Special precutions for user<br>Special regulations:Non-applicable14.4Packing group:<br>Non-applicableNon-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.4Packing group:<br>Non-applicableNon-applicable14.5Special precutions for user<br>Special regulations:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.7Maritime transport in bulk<br>acc   | 14.1                 | UN number or ID number:       | Non-applicable | 2                       |
| Labels: Non-applicable 14.4 Packing group: Non-applicable 14.5 Environmental hazards: No applicable 14.5 Special precautions for user Special regulations: Non-applicable Tunnel restriction code: Non-applicable Physico-Chemical properties: see section 9 Limited quantities: Non-applicable 14.7 Maritime transport in bulk according to IMO instruments: Non-applicable 14.3 Transport hazard class(es): Non-applicable 14.4 Packing group: Non-applicable 14.5 Environmental hazards: Non-applicable 14.5 Transport hazard class(es): Non-applicable 14.5 Environments: Non-applicable 14.6 Special regulations: Non-applicable 14.7 Maritime transport in bulk according to IMO instruments: Non-applicable 14.7 Maritime transport in bulk according to IMO instruments: Non-applicable 14.7 Maritime transport in bulk according to IMO instruments: Non-applicable 14.7 Maritime transport in bulk according to IMO instruments: Non-applicable 14.3 Transport hazard class(es): Non-applicable 14.7 Maritime transport in bulk according to IMO instruments: Non-applicable 14.7 Maritime transport in bulk according to IMO instruments: Non-applicable 14.3 Transport hazard class(es): Non-applicable 14.4 Packing group: Non-applicable 14.5 Environmental hazards: Non-applicable 14.4 Packing roup: Non-applicable 14.7 Maritime transport in bulk according to IMO instruments: Non-applicable 14.4 Packing group: Non-applicable 14.5 Environmental h   | 14.2                 | UN proper shipping name:      | Non-applicable |                         |
| 14.4Packing group:Non-applicable14.5Environmental hazards:No14.6Special precautions for userNon-applicableTunnel restriction code:Non-applicablePhysico-Chemical properties:see section 9Limited quantities:Non-applicable14.7Maritime transport in bulk<br>according to IMO 40-20:14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):Non-applicable14.4Packing group:Non-applicable14.5Maritime transport nowNon-applicable14.6Special precautions for userNon-applicable14.7Maritime transport nowNon-applicable14.8Numer or ID number:Non-applicable14.9NoneplicableNon-applicable14.1UN number or ID number:Non-applicable14.3Transport hazard class(es):Non-applicable14.4Packing group:Non-applicable14.5Maritime transport in bulk<br>according to IMO<br>instruments:See section 9Limited quantities:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3UN number or ID number:Non-applicable14.4UN number or ID number:Non-applicable14.7Maritime transport  | 14.3                 | Transport hazard class(es):   | Non-applicable | 2                       |
| 14.5Environmental hazards:No14.6Special precutions for userNon-applicableSpecial regulations:Non-applicableTunnel restriction code:Non-applicablePhysico-Chemical properties:see section 9Limited quantities:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3UN proper shipping name:Non-applicable14.4Packing group:Non-applicable14.5Marine pollutant:Non-applicable14.6Special precautions for userNon-applicable14.7Marine pollutant:Non-applicable14.8Special precautions for userSpecial regulations:Special regulations:Non-applicable14.7Maritime transport in bulk<br>according to IMONon-applicable14.7Maritime transport in bulk<br>according to IMONon-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):Non-applicable14.4Packing group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applica  |                      | Labels:                       | Non-applicable |                         |
| 14.6Special precautions for user<br>Special regulations:Non-applicable<br>Non-applicable<br>see section 9<br>Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable<br>see section 914.1UN number or ID number:<br>Labels:Non-applicable<br>Non-applicable14.2UN proper shipping name:<br>Labels:Non-applicable<br>Non-applicable14.3Transport do IMDG 40-20:Non-applicable<br>Non-applicable14.1UN number or ID number:<br>Labels:Non-applicable<br>Non-applicable14.3Transport hazard class(es):<br>Special regulations:Non-applicable<br>Non-applicable14.4Packing group:<br>Special regulations:Non-applicable<br>Non-applicable14.5Marine pollutant:<br>Non-applicableNon-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable<br>Non-applicable14.4Packing group:<br>Non-applicableNon-applicable14.5Limited quantities:<br>Non-applicableNon-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.7Maritime transport nazeri<br>Non-applicableNon-applicable14.8UN proper   | 14.4                 | Packing group:                | Non-applicable |                         |
| Special regulations:Non-applicableTunnel restriction code:Non-applicablePhysico-Chemical properties:see section 9Limited quantities:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by sea:Non-applicableWith regard to IMOG 40-20:Non-applicable14.1UN number or ID number:Non-applicable14.1UN proper shipping name:Non-applicable14.3Transport hazard class(es):Non-applicable14.4Packing group:Non-applicable14.5Marine pollutant:Non-applicable14.6Special regulations:Non-applicable14.7Marine pollutant:Non-applicable14.8Special regulations:Non-applicable14.9Codes:Special regulations:Physico-Chemical properties:see section 9Special regulations:Non-applicable14.7Maritime transport in bulk<br>according to 1MO<br>instruments:14.1UN number or ID number:Non-applicable14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport in bulk<br>according to 1MO<br>instruments:Non-applicable14.4Packing group:Non-applicable14.5Limited quantities:Non-applicable14.6Jacording to 1MO<br>instruments:Non-applicable14.7Maritime transport in bulk<br>according to 1MO<   | 14.5                 | Environmental hazards:        | No             |                         |
| Tunnel restriction code:Non-applicablePhysico-Chemical properties:see section 9Limited quantities:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by sea:With regard to IMDG 40-20:14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):Non-applicable14.4Packing group:Non-applicableLabels:Non-applicable14.5Marine pollutant:No14.6Special precoutions for userSpecial regulations:Non-applicableLimited quantities:Non-applicableEmS Codes:Segregation group:Physico-Chemical properties:see section 9Limited quantities:Non-applicableSegregation group:Non-applicableSegregation group:Non   | 14.6                 | Special precautions for user  |                |                         |
| Physico-Chemical properties:<br>Limited quantities:see section 9<br>Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by sea:Non-applicableWith regard to IMOG 40-20:Non-applicable14.1UN number or ID number:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:<br>Special precutions for user<br>Special regulations:Non-applicable14.6Special precutions for user<br>Special regulations:Non-applicable14.6Special properties:<br>Limited quantities:see section 9<br>Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.1Un mumber or ID number:<br>Non-applicableNon-applicable14.1Un proper shipping name:<br>Non-applicableNon-applicable14.1Un proper shipping name:<br>Non-applicableNon-applicable14.1UN proper shipping name:<br>Non-applicableNon-applicable14.1UN proper shipping name:<br>Non-applicableNon-applicable14.1UN proper shipping name:<br>Non-applicableNon-applicable14.2UN proper shipping name:<br>Non-applicableNon-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group   |                      | Special regulations:          | Non-applicable |                         |
| Limited quantities: Non-applicable<br>14.7 Maritime transport in bulk<br>according to IMO<br>instruments:<br>Transport of dangerous goods by sea:<br>With regard to IMDG 40-20:<br>14.1 UN number or ID number: Non-applicable<br>14.2 UN proper shipping name: Non-applicable<br>Labels: Non-applicable<br>14.4 Packing group: Non-applicable<br>14.5 Marine pollutant: No<br>14.6 Special precautions for user<br>Special regulations: Non-applicable<br>EmS Codes: Physico-Chemical properties: see section 9<br>Limited quantities: Non-applicable<br>Segregation group: Non-applicable<br>14.7 Maritime transport in bulk<br>according to IMO<br>instruments: Non-applicable<br>14.7 Maritime transport in bulk<br>according to IMO<br>instruments: Non-applicable<br>14.1 UN number or ID number: Non-applicable<br>14.2 UN proper shipping name: Non-applicable<br>14.3 Transport hazard class(es): Non-applicable<br>14.4 Transport hazard class(es): Non-applicable<br>14.3 Transport hazard class(es): Non-applicable<br>14.4 Packing group: Non-applicable<br>14.5 Maritime transport in bulk<br>according to IMO<br>instruments: Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicable<br>Non-applicabl |                      | Tunnel restriction code:      | Non-applicable | 2                       |
| 14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by sea:Non-applicableWith regard to IMDG 40-20:Non-applicable14.1UN number or ID number:<br>Labels:Non-applicable14.2UN proper shipping name:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:<br>Special regulations:<br>Ems Codes:Non-applicable14.5Marine pollutant:<br>Special regulations:<br>Ems Codes:Non-applicable14.6Special regulations:<br>Unitted quantities:<br>Segregation group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.2UN proper shipping name:<br>Non-applicableNon-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.2UN proper shipping name:<br>Non-applicableNon-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:<br>Non-applicableNon-applicable14.5Konspont hazard class(es):<br>Non-applicableNon-applicable14.4Packing group:<br>Non-applicableNon-appl  |                      | Physico-Chemical properties:  | see section 9  |                         |
| according to IMO<br>instruments:       Inter opplicable         Transport of dangerous goods by sea:       With regard to IMDG 40-20:         14.1       UN number or ID number:       Non-applicable         14.2       UN proper shipping name:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Marine pollutant:       No         14.6       Special precautions for user       Special precautions for user         Special precautions:       Non-applicable         EmS Codes:       Physico-Chemical properties:         Segregation group:       Non-applicable         Instruments:       Non-applicable         Transport of dangerous goods by air:       Non-applicable         With regard to IATA/ICA 2023:       Non-applicable         14.1       UN proper shipping name:       Non-applicable         14.2       UN proper shipping name:       Non-applicable <td< th=""><th></th><th>Limited quantities:</th><th>Non-applicable</th><th></th></td<>   |                      | Limited quantities:           | Non-applicable |                         |
| according to IMO<br>instruments:       Interruptions         Transport of dangerous goods by sea:       With regard to IMDG 40-20:         14.1       UN number or ID number:       Non-applicable         14.2       UN proper shipping name:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Marine pollutant:       No         14.6       Special precautions for user       Special precautions for user         Special precautions for user       Special precautions for user         Special properties:       see section 9         Limited quantities:       Non-applicable         Segregation group:       Non-applicable         Segregation group:       Non-applicable         Ith reapport of dangerous goods by air:       Non-applicable         With regard to IATA/ICA 2023:       Non-applicable         14.1       UN proper shipping name:       Non-applicable         14.2       UN proper of D number:       Non-applicable         Ith regard to IATA/ICA 2023:       Non-applicable         14.1       UN proper shipping name:       Non-applicable         14.2       UN proper shipping name:       Non-applicable <td< th=""><th>14.7</th><th>Maritime transport in bulk</th><th>Non-applicable</th><th></th></td<>   | 14.7                 | Maritime transport in bulk    | Non-applicable |                         |
| Transport of dangerous goods by sea:         With regard to IMDG 40-20:         14.1       UN number or ID number:       Non-applicable         14.2       UN proper shipping name:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Marine pollutant:       No         14.6       Special precautions for user       Non-applicable         Special regulations:       Non-applicable         EmS Codes:       Physico-Chemical properties:       see section 9         Limited quantities:       Non-applicable         Segregation group:       Non-applicable         Non-applicable       Non-applicable         14.7       Maritime transport in bulk according to IMO instruments:       Non-applicable         Transport of dangerous goods by air:       Non-applicable         With regard to IATA/ICAO 2023:       Non-applicable         14.1       UN number or ID number:       Non-applicable         14.2       UN proper shipping name:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Environmental haza   |                      | according to IMO              |                |                         |
| 14.1UN number or ID number:<br>I4.2Non-applicable<br>Non-applicable<br>Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable<br>Non-applicable14.4Packing group:<br>Special precutions for user<br>Special regulations:Non-applicable<br>Non-applicable14.6Special precutions for user<br>Special regulations:<br>Dimited quantities:<br>Segregation group:Non-applicable<br>Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicable<br>Non-applicable14.1UN number or ID number:<br>Labels:Non-applicable<br>Non-applicable14.2UN proper shipping name:<br>Non-applicableNon-applicable<br>Non-applicable14.3Transport in bulk<br>according to IMO<br>instruments:Non-applicable<br>Non-applicable14.1UN number or ID number:<br>Labels:Non-applicable<br>Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable<br>Non-applicable14.4Packing group:Non-applicable<br>Non-applicable14.5Environmental hazards:Non-applicable<br>Non-applicable  | Transpo              |                               |                |                         |
| 14.2UN proper shipping name:<br>Transport hazard class(es):<br>Labels:Non-applicable<br>Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:Non-applicable14.5Marine pollutant:No14.6Special precautions for user<br>Special regulations:Non-applicableEmS Codes:<br>Physico-Chemical properties:<br>Segregation group:see section 9Limited quantities:<br>Segregation group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicable14.1UN number or ID number:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:Non-applicable14.5Fransport hazard class(es):<br>Non-applicableNon-applicable14.4Packing group:Non-applicable14.4Packing group:Non-applicable14.5Fnvironmental hazards:<br>Non-applicableNon-applicable   | With rega            | rd to IMDG 40-20:             |                |                         |
| 14.3Transport hazard class(es):<br>Labels:Non-applicableLabels:Non-applicable14.4Packing group:Non-applicable14.5Marine pollutant:No14.6Special precautions for userSpecial regulations:Special regulations:Non-applicableEmS Codes:Physico-Chemical properties:Segregation group:Non-applicableSegregation group:Non-applicableSegregation group:Non-applicableNon-applicableNon-applicableSegregation group:Non-applicableNon-applicableNon-applicableSegregation group:Non-applicable14.1UN proper shipping name:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):<br>Non-applicableNon-applicable14.4Packing group:Non-applicable14.5Environmental hazards:No  | 14.1                 | UN number or ID number:       | Non-applicable |                         |
| 14.3Transport hazard class(es):<br>Labels:Non-applicableLabels:Non-applicable14.4Packing group:Non-applicable14.5Marine pollutant:No14.6Special precautions for userSpecial regulations:Special regulations:Non-applicableEmS Codes:Physico-Chemical properties:Physico-Chemical properties:see section 9Limited quantities:Non-applicableSegregation group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicable14.1UN number or ID number:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:Non-applicable   | 14.2                 | UN proper shipping name:      |                |                         |
| Labels:Non-applicable14.4Packing group:Non-applicable14.5Marine pollutant:No14.6Special precautions for userSpecial regulations:Special regulations:Non-applicableEmS Codes:Physico-Chemical properties:Physico-Chemical properties:see section 9Limited quantities:Non-applicableSegregation group:Non-applicableSegregation group:Non-applicableStruments:Non-applicableIf the transport in bulk<br>according to IMO<br>instruments:Non-applicableWith regart to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.1UN proper shipping name:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:Non-applicable   |                      |                               |                |                         |
| 14.4Packing group:Non-applicable14.5Marine pollutant:No14.6Special precautions for userSpecial regulations:Non-applicable14.6Special regulations:Non-applicableEmS Codes:Physico-Chemical properties:see section 9Limited quantities:Non-applicableSegregation group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicableWith regard to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:Non-applicable  |                      |                               |                |                         |
| 14.5Marine pollutant:No14.6Special precautions for userNon-applicableSpecial regulations:Non-applicableEmS Codes:Physico-Chemical properties:Physico-Chemical properties:see section 9Limited quantities:Non-applicableSegregation group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicableWith regard to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:Non-applicable  | 14.4                 | Packing group:                |                |                         |
| 14.6Special precautions for user<br>Special regulations:Non-applicableEmS Codes:EmS Codes:Physico-Chemical properties:see section 9Limited quantities:Non-applicableSegregation group:Non-applicableSegregation group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicableWith regard to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:No  |                      |                               |                |                         |
| Special regulations:Non-applicableEmS Codes:Physico-Chemical properties:see section 9Limited quantities:Non-applicableSegregation group:Non-applicableSegregation group:Non-applicableaccording to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicableWith regard to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:No   |                      | -                             |                |                         |
| EmS Codes:see section 9Physico-Chemical properties:see section 9Limited quantities:Non-applicableSegregation group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicableWith regard to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.2UN proper shipping name:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:<br>Non-applicableNon-applicable14.5Environmental hazards:No  |                      |                               | Non-applicable |                         |
| Physico-Chemical properties:<br>Limited quantities:<br>Segregation group:see section 914.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicableWith regard to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.2UN proper shipping name:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:<br>Non-applicableNon-applicable14.5Environmental hazards:No   |                      |                               |                |                         |
| Limited quantities:Non-applicableSegregation group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicableWith regard to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:No   |                      |                               | see section 9  |                         |
| Segregation group:Non-applicable14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicableWith regard to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.2UN proper shipping name:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:<br>Environmental hazards:Non-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicableNon-applicable   |                      |                               |                |                         |
| 14.7Maritime transport in bulk<br>according to IMO<br>instruments:Non-applicableTransport of dangerous goods by air:Non-applicableWith regard to IATA/ICAO 2023:Non-applicable14.1UN number or ID number:<br>Non-applicableNon-applicable14.2UN proper shipping name:<br>Labels:Non-applicable14.3Transport hazard class(es):<br>Labels:Non-applicable14.4Packing group:<br>Environmental hazards:Non-applicableNoNon-applicable   |                      |                               |                |                         |
| according to IMO<br>instruments:       according to IMO<br>instruments:         Transport of dangerous goods by air:       With regard to IATA/ICAO 2023:         With regard to IATA/ICAO 2023:       Non-applicable         14.1       UN number or ID number:       Non-applicable         14.2       UN proper shipping name:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         Labels:       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Environmental hazards:       No  | 14.7                 |                               |                |                         |
| Transport of dangerous goods by air:         With regard to IATA/ICAO 2023:         14.1       UN number or ID number:       Non-applicable         14.2       UN proper shipping name:       Non-applicable         14.3       Transport hazard class(es):       Non-applicable         Labels:       Non-applicable         14.4       Packing group:       Non-applicable         14.5       Environmental hazards:       No  | 1117                 | according to IMO              |                |                         |
| With regard to IATA/ICAO 2023:14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):Non-applicableLabels:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:No  | _                    |                               |                |                         |
| 14.1UN number or ID number:Non-applicable14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):Non-applicableLabels:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:No  | Transpo              | rt of dangerous goods by air: |                |                         |
| 14.2UN proper shipping name:Non-applicable14.3Transport hazard class(es):Non-applicableLabels:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:No   | With rega            | rd to IATA/ICAO 2023:         |                |                         |
| 14.3Transport hazard class(es):<br>Labels:Non-applicable<br>Non-applicable14.4Packing group:<br>Environmental hazards:Non-applicable14.5Environmental hazards:No   |                      |                               |                |                         |
| Labels:Non-applicable14.4Packing group:Non-applicable14.5Environmental hazards:No  |                      |                               |                |                         |
| 14.4 Packing group:Non-applicable14.5 Environmental hazards:No   | 14.3                 | Transport hazard class(es):   |                |                         |
| 14.5 Environmental hazards: No   |                      |                               |                |                         |
|  |                      |                               | Non-applicable |                         |
| 14.6 Special precautions for user  | _                    |                               | No             |                         |
|  | 14.6                 | Special precautions for user  |                |                         |
| Physico-Chemical properties: see section 9   |                      | , , ,                         | see section 9  |                         |
| 14.7 Maritime transport in bulk Non-applicable<br>according to IMO<br>instruments:   | 14.7                 | according to IMO              | Non-applicable |                         |

# 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

Product safety information sheet according to REACH (article 32)



# MD04911/2 - SARS-CoV-2 POS 2 (RdRp, N & E)

Date of compilation: 05/07/2022 Revised: 05/02/2024 Version: 2 (Replaced 1) SECTION 15: REGULATORY INFORMATION (continued) Article 95, REGULATION (EU) No 528/2012: Non-applicable 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. SECTION 16: OTHER INFORMATION Legislation related to safety data sheets: The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878). Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.: COMMISSION REGULATION (EU) 2020/878 Texts of the legislative phrases mentioned in section 3: The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3 CLP Regulation (EC) No 1272/2008: Non-applicable Advice related to training: Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product. Principal bibliographical sources: http://echa.europa.eu http://eur-lex.europa.eu Abbreviations and acronyms: ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50 LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon UFI: unique formula identifier IARC: International Agency for Research on Cancer Product safety information sheet prepared in accordance with Article 32 of Regulation (EC) 1907/2006 (REACH); this document does not constitute a Safety Data Sheet under Article 31 of

Regulation (EC) No. 1907/2006, as a Safety Data Sheet is not mandatory for this product 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.



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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

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#### Other means of identification:

Non-applicable

### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant uses: Laboratory. For professional users only.

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:

NZYtech, Lda Estrada do Paco do Lumiar Campus do Lumiar - Edif. E, r/c 1649-038 Lisboa - Lisboa - Portugal Phone: +351 213643514 info@nzytech.com www.nzytech.com

1.4 Emergency telephone number: National Poison Center (Portugal) CIAV: +351 800 250 250; Outside Portugal: Call your regional Poisons Information Service or call local Life Saving Service.

#### SECTION 2: HAZARDS IDENTIFICATION \*\*

### 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008:

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

2.2 Label elements:

### CLP Regulation (EC) No 1272/2008:

Labelling of packages where the contents do not exceed 125 ml:

None

### 2.3 Other hazards:

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

\*\* Changes with regards to the previous version

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substance:

Non-applicable

#### 3.2 Mixture:

Chemical description: Mixture of substances

#### Components:

None of the substances contained in the mixture are above the limits specified in Annex II of Regulation (EC) No 1907/2006

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

Consult a doctor in case of discomfort showing the SDS for the product.

#### By inhalation:

In case of symptoms, move the person affected into fresh air.

#### By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet



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# SECTION 4: FIRST AID MEASURES (continued)

### By eye contact:

Rinse with water until the product has been eliminated. In case of problems, consult a doctor showing the SDS for the product. **By ingestion/aspiration:** 

In case of consumption in large quantities, it is recommended to seek medical assistance.

#### 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:

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Non-applicable

#### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media:

#### Suitable extinguishing media:

Product is non-flammable, with a low risk of fire due to the flammability characteristics of the product in normal conditions of storage, handling and use. In the case of the existence of sustained combustion as a result of improper handling, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

### Unsuitable extinguishing media:

Non-applicable

### 5.2 Special hazards arising from the substance or mixture:

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

#### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures:

#### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task.

#### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

#### 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

#### 6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

#### 6.4 Reference to other sections:

See sections 8 and 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:



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# SECTION 7: HANDLING AND STORAGE (continued)

### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

### B.- Technical recommendations for the prevention of fires and explosions

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2

### 7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end 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):

There are no applicable occupational exposure limits for the substances contained in the product

#### DNEL (Workers):

Non-applicable

# DNEL (General population):

Non-applicable

#### PNEC:

Non-applicable

#### 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

| Pictogram                    | PPE                                      | Labelling | CEN Standard | Remarks  |
|------------------------------|--|-----------|--------------|--|
| Mandatory hand<br>protection | Protective gloves against<br>minor risks | CATI      |              | Replace gloves in case of any sign of damage. For<br>prolonged periods of exposure to the product for<br>professional users/industrials, we recommend using<br>CE III gloves in line with standards EN ISO<br>21420:2020 and EN ISO 374-1:2016+A1:2018 |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection



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|   | ON 8: EXPOSURE  | E CONTROLS/PERSON   | AL PROTECT   | ION (continued)   |   |  |  |  |
|---|---|---|--|---|---|--|--|--|
|   | Pictogram   | PPE   | Labelling  | CEN Standard  | Remarks   |  |  |  |
|   | Mandatory face<br>protection  | Panoramic glasses against splash/projections.   |  | EN 166:2002<br>EN ISO 4007:2018   | Clean daily and disinfect periodically according<br>the manufacturer's instructions. Use if there is<br>risk of splashing.  |  |  |  |
| E   | - Body protection   |   | •  |   | -   |  |  |  |
|   | Pictogram   | PPE   | Labelling  | CEN Standard  | Remarks   |  |  |  |
|   |   | Work clothing   | CATI   |   | Replace before any evidence of deterioration. F<br>periods of prolonged exposure to the product f<br>professional/industrial users CE III is<br>recommended, in accordance with the regulatic<br>in EN ISO 6529:2013, EN ISO 6530:2005, EN I:<br>13688:2013, EN 464:1994. |  |  |  |
|   |   | Anti-slip work shoes  |  | EN ISO 20347:2012   | Replace before any evidence of deterioration. F<br>periods of prolonged exposure to the product f<br>professional/industrial users CE III is<br>recommended, in accordance with the regulatio<br>in EN ISO 20345:2012 y EN 13832-1:2007                                   |  |  |  |
| F.  | Additional emerg  |   |  |   |   |  |  |  |
|   | It is not necessa   | ry to take additional emer  | gency measure  | 2S.   |   |  |  |  |
| E   | Environmental exposure controls:  |   |  |   |   |  |  |  |
|   | V.O.C. density at   | t 20 °C: 1,03   | kg/m³ (1,03 g  | /L)   |   |  |  |  |
|   | Average carbon<br>Average molecul   |   | 4 g/mol  |   |   |  |  |  |
| CTIC  | Average molecul   |   |  |   |   |  |  |  |
|   | Average molecul   | lar weight: 162,1   | PERTIES  |   |   |  |  |  |
| <b>1 I</b> I<br>Fe  | Average molecul<br>DN 9: PHYSICAL<br>nformation on ba   | ar weight: 162,1<br>AND CHEMICAL PROF   | PERTIES  |   |   |  |  |  |
| 1 II<br>Fe<br>A   | Average molecul<br>DN 9: PHYSICAL<br>nformation on ba<br>or complete inform<br>appearance:  | AND CHEMICAL PROF<br>asic physical and chemi<br>nation see the product data   | PERTIES  | s:  |   |  |  |  |
| 1 II<br>Fe<br>A<br>Pl   | Average molecul<br>DN 9: PHYSICAL<br>nformation on ba<br>or complete inform<br>appearance:<br>hysical state at 20   | AND CHEMICAL PROF<br>asic physical and chemi<br>nation see the product data   | PERTIES<br>fical propertie<br>asheet.<br>Liqu  | <b>s:</b><br>id   |   |  |  |  |
| 1 II<br>Fe<br>A<br>Pl<br>A  | Average molecul<br>ON 9: PHYSICAL<br>nformation on ba<br>or complete inform<br>appearance:<br>hysical state at 20<br>ppearance:   | AND CHEMICAL PROF<br>asic physical and chemi<br>nation see the product data   | PERTIES<br>fical propertie<br>asheet.<br>Liqu<br>Colo  | s:<br>id  |   |  |  |  |
| 1 II<br>Fe<br>A<br>Pl<br>A<br>C   | Average molecul<br>DN 9: PHYSICAL<br>nformation on ba<br>or complete inform<br>appearance:<br>hysical state at 20<br>ppearance:<br>iolour:  | AND CHEMICAL PROF<br>asic physical and chemi<br>nation see the product data   | PERTIES<br>ical propertie<br>asheet.<br>Liqu<br>Colo<br>Colo   | <b>s:</b><br>id<br>rless<br>urless  |   |  |  |  |
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| 1 II<br>F<br>A<br>P<br>A<br>C<br>O<br>O   | Average molecul<br><b>DN 9: PHYSICAL</b><br><b>nformation on ba</b><br>or complete inform<br><b>appearance:</b><br>hysical state at 20 of<br>ppearance:<br>colour:<br>bdour:<br>bdour threshold:  | AND CHEMICAL PROF<br>asic physical and chemi<br>nation see the product data   | PERTIES<br>ical propertie<br>asheet.<br>Liqu<br>Colo<br>Colo<br>Odo                                      | <b>s:</b><br>id<br>rless<br>urless  |   |  |  |  |
| 1 II<br>F(<br>A<br>P<br>A<br>C<br>O<br>O<br>V   | Average molecul<br><b>DN 9: PHYSICAL</b><br><b>nformation on ba</b><br>or complete inform<br><b>appearance:</b><br>hysical state at 20 f<br>ppearance:<br>olour:<br>odour:<br>odour:<br>odour:<br>odour threshold:<br><b>Yolatility:</b>  | AND CHEMICAL PROF<br>asic physical and chemi<br>ation see the product data  | PERTIES<br>ical propertie<br>asheet.<br>Liqu<br>Colo<br>Colo<br>Odo<br>Non                               | s:<br>id<br>rless<br>urless<br>urless<br>-applicable *  |   |  |  |  |
| 1 II<br>F<br>A<br>P<br>C<br>C<br>O<br>O<br>V<br>B   | Average molecul<br><b>DN 9: PHYSICAL</b><br><b>nformation on ba</b><br>or complete inform<br><b>appearance:</b><br>hysical state at 20 f<br>ppearance:<br>colour:<br>bdour:<br>bdour:<br>bdour threshold:<br><b>rolatility:</b><br>coling point at atmos  | AND CHEMICAL PROP<br>asic physical and chemi<br>ation see the product data<br>°C:   | PERTIES<br>fical propertie<br>asheet.<br>Liqu<br>Colo<br>Colo<br>Odo<br>Non<br>100                       | s:<br>id<br>rless<br>urless<br>urless<br>-applicable *  |   |  |  |  |
| 1 II<br>F<br>A<br>P<br>A<br>C<br>O<br>O<br>V<br>B<br>V  | Average molecul<br><b>DN 9: PHYSICAL</b><br><b>Information on ba</b><br>or complete inform<br><b>Appearance:</b><br>hysical state at 20 f<br>ppearance:<br>colour:<br>Dodour:<br>Dodour:<br>Dodour threshold:<br><b>Yolatility:</b><br>colling point at atmo<br>apour pressure at 2   | ar weight:       162,1         AND CHEMICAL PROF         asic physical and chemi         ation see the product data         °C:         ospheric pressure:         20 °C:   | PERTIES<br>fical properties<br>asheet.<br>Liqu<br>Colo<br>Colo<br>Odo<br>Non<br>100<br>2350              | s:<br>id<br>rless<br>urless<br>urless<br>-applicable *<br>°C  |   |  |  |  |
| 1 II<br>F<br>A<br>P<br>A<br>C<br>O<br>O<br>V<br>B<br>V<br>V<br>V                                    | Average molecul<br><b>DN 9: PHYSICAL</b><br><b>nformation on ba</b><br>or complete inform<br><b>or complete inform</b><br><b>oppearance:</b><br>hysical state at 20 f<br>ppearance:<br>olour:<br>odour:<br>odour:<br>odour:<br>odour threshold:<br><b>/olatility:</b><br>oiling point at atmos<br>fapour pressure at 2                                      | AND CHEMICAL PROF<br>asic physical and chemi<br>ation see the product data<br>°C:<br>pspheric pressure:<br>20 °C:<br>50 °C:   | PERTIES<br>ical propertie<br>asheet.<br>Liqu<br>Colo<br>Odo<br>Non<br>100<br>2350<br>1233                | s:<br>id<br>rless<br>urless<br>urless<br>-applicable *<br>°C<br>) Pa<br>79,65 Pa (12,38 kPa)  |   |  |  |  |
| 1 II<br>F<br>A<br>P<br>A<br>C<br>O<br>O<br>V<br>B<br>V<br>V<br>V<br>V                               | Average molecul<br><b>DN 9: PHYSICAL</b><br><b>Information on ba</b><br>or complete inform<br><b>Appearance:</b><br>hysical state at 20 of<br>ppearance:<br>colour:<br>odour:<br>odour threshold:<br><b>Yolatility:</b><br>oiling point at atmost<br>apour pressure at 2<br>vaporation rate at 2  | AND CHEMICAL PROF<br>asic physical and chemi<br>ation see the product data<br>°C:<br>popheric pressure:<br>20 °C:<br>50 °C:<br>20 °C:   | PERTIES<br>ical propertie<br>asheet.<br>Liqu<br>Colo<br>Odo<br>Non<br>100<br>2350<br>1233                | s:<br>id<br>rless<br>urless<br>urless<br>-applicable *<br>°C  |   |  |  |  |
| 1 II<br>Fa<br>A<br>PI<br>A<br>C<br>O<br>O<br>V<br>B<br>V<br>V<br>V<br>E<br>Y<br>P                   | Average molecul<br><b>DN 9: PHYSICAL</b><br><b>Information on ba</b><br>or complete inform<br><b>Appearance:</b><br>hysical state at 20 f<br>ppearance:<br>bolour:<br>bolour:<br>bolour:<br>bolour threshold:<br><b>Yolatility:</b><br>toiling point at atmost<br>apour pressure at 2<br>popur pressure at 2<br><b>Product description</b>                  | AND CHEMICAL PROF<br>asic physical and chemi<br>ation see the product data<br>°C:<br>popheric pressure:<br>20 °C:<br>50 °C:<br>20 °C:   | PERTIES<br>ical propertie<br>asheet.<br>Liqu<br>Colo<br>Colo<br>Odo<br>Non<br>100<br>2350<br>1233<br>Non | s:<br>id<br>rless<br>urless<br>urless<br>-applicable *<br>°C<br>) Pa<br>79,65 Pa (12,38 kPa)<br>-applicable *   |   |  |  |  |
| 1 II<br>F<br>A<br>P<br>A<br>C<br>O<br>O<br>V<br>B<br>B<br>V<br>V<br>V<br>V<br>V<br>V<br>V<br>P<br>D | Average molecul<br><b>DN 9: PHYSICAL</b><br><b>Information on ba</b><br>or complete inform<br><b>Appearance:</b><br>hysical state at 20 f<br>ppearance:<br>olour:<br>odour:<br>odour:<br>odour threshold:<br><b>Yolatility:</b><br>oiling point at atmost<br>apour pressure at 2<br>vaporation rate at 2<br><b>Product description</b><br>pensity at 20 °C: | ar weight:       162,1         AND CHEMICAL PROF         asic physical and chemi         ation see the product data         °C:         ospheric pressure:         20 °C:         50 °C:         20 °C: | PERTIES<br>ical propertie<br>asheet.<br>Liqu<br>Colo<br>Odo<br>Non<br>100<br>2356<br>1233<br>Non<br>1033 | s:<br>id<br>rless<br>urless<br>urless<br>-applicable *<br>oC<br>) Pa<br>79,65 Pa (12,38 kPa)<br>-applicable *<br>2,1 kg/m <sup>3</sup>                  |   |  |  |  |
| 1 II<br>F<br>A<br>P<br>A<br>C<br>O<br>O<br>V<br>B<br>V<br>V<br>V<br>E<br>T<br>D<br>R                | Average molecul<br><b>DN 9: PHYSICAL</b><br><b>Information on ba</b><br>or complete inform<br><b>Appearance:</b><br>hysical state at 20 f<br>ppearance:<br>bolour:<br>bolour:<br>bolour:<br>bolour threshold:<br><b>Yolatility:</b><br>toiling point at atmost<br>apour pressure at 2<br>popur pressure at 2<br><b>Product description</b>                  | ar weight:       162,1         AND CHEMICAL PROF         asic physical and chemi         ation see the product data         °C:         ospheric pressure:         20 °C:         50 °C:         20 °C:         on:         20 °C:  | PERTIES<br>ical propertie<br>asheet.<br>Liqu<br>Colo<br>Colo<br>Odo<br>Non<br>100<br>2350<br>1233<br>Non | s:<br>id<br>rless<br>urless<br>urless<br>-applicable *<br><sup>o</sup> C<br>) Pa<br>79,65 Pa (12,38 kPa)<br>-applicable *<br>2,1 kg/m <sup>3</sup><br>2 |   |  |  |  |

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| SEC | TION 9: PHYSICAL AND CHEMICAL PROPERTIES                            | S (continued)                   |
|-----|---|---------------------------------|
|     | Kinematic viscosity at 20 °C:                                       | 0,99 mm²/s                      |
|     | Kinematic viscosity at 40 °C:                                       | Non-applicable *                |
|     | Concentration:  | Non-applicable *                |
|     | pH:   | 6,8 - 7,2                       |
|     | 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 Flammable (>60 °C)          |
|     | Flammability (solid, gas):  | Non-applicable *                |
|     | Autoignition temperature:   | Non-applicable *                |
|     | Lower flammability limit:   | Non-applicable *                |
|     | Upper flammability limit:   | Non-applicable *                |
|     | Particle characteristics:   |                                 |
|     | Median equivalent diameter:   | Non-applicable                  |
| 9.2 | Other information:  |                                 |
|     | Information with regard to physical hazard class                    | ses:                            |
|     | 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 components:        | Non-applicable *                |
|     | Other safety characteristics:<br>Surface tension at 20 °C:          | Non-applicable *                |
|     | Refraction index:   |                                 |
|     |   | Non-applicable *                |
|     | *Not relevant due to the nature of the product, not providing infor | mation property or its nazards. |

# 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:

Applicable for handling and storage at room temperature:

| Shock and friction     | Contact with air | Increase in temperature | Sunlight       | Humidity       |
|------------------------|------------------|-------------------------|----------------|----------------|
| Not applicable         | Not applicable   | Not applicable          | Not applicable | Not applicable |
| Incompatible materials |                  |                         |                |                |

# **10.5** Incompatible materials:

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Not applicable      | Not applicable        | Avoid alkalis or strong bases |



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# SECTION 10: STABILITY AND REACTIVITY (continued)

#### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide ( $CO_2$ ), carbon monoxide and other organic compounds.

# SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

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LD50 oral > 2000 mg/kg (rat)

#### **Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met
- Corrosivity/Irritability: Based on available data, the classification criteria are not met
- B- Inhalation (acute effect):
  - Acute toxicity : Based on available data, the classification criteria are not met
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Based on available data, the classification criteria are not met
  - Contact with the eyes: Based on available data, the classification criteria are not met
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met IARC: Non-applicable
  - Mutagenicity: Based on available data, the classification criteria are not met
  - Reproductive toxicity: Based on available data, the classification criteria are not met
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met
  - Skin: Based on available data, the classification criteria are not met
- H- Aspiration hazard:

Based on available data, the classification criteria are not met

### Other information:

Non-applicable

#### Specific toxicology information on the substances:

Not available

#### Acute Toxicity Estimate (ATE mix):

|            | Ingredient(s) of unknown toxicity   |                |
|------------|-------------------------------------|----------------|
| Oral       | >2000 mg/kg (Calculation method)    | Non-applicable |
| Dermal     | >2000 mg/kg (Calculation method)    | Non-applicable |
| Inhalation | >20 mg/L (4 h) (Calculation method) | Non-applicable |

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

#### Endocrine disrupting properties

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



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# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

# 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

#### 12.1 Toxicity:

Not available

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.

### 12.7 Other adverse effects:

Not described

### SECTION 13: DISPOSAL CONSIDERATIONS

### **13.1** Waste treatment methods:

| Code | Description   | Waste class (Regulation (EU) No<br>1357/2014) |
|------|---|---|
|      | It is not possible to assign a specific code, as it depends on the intended use by the user | Non dangerous                                 |

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

Non-applicable

# 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

#### **Transport of dangerous goods by land:** With regard to ADR 2023 and RID 2023:



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|----------------------|---|----------------------------------|-------------------------|
| SECTION 14: T        | RANSPORT INFORMATION (                                  | continued)                       |                         |
|                      | UN number or ID number:                                 | Non-applicable                   |                         |
|                      | UN proper shipping name:<br>Transport hazard class(es): | Non-applicable<br>Non-applicable |                         |
| 14.5                 | Labels:   | Non-applicable                   |                         |
| 14.4                 | Packing group:  | Non-applicable                   |                         |
|                      | Environmental hazards:                                  | No                               | -                       |
|                      | Special precautions for user                            | No                               |                         |
|                      | Special regulations:                                    | Non-applicable                   |                         |
|                      | Tunnel restriction code:                                | Non-applicable                   |                         |
|                      | Physico-Chemical properties:                            | see section 9                    |                         |
|                      | Limited quantities:                                     | Non-applicable                   |                         |
| 14.7                 | Maritime transport in bulk                              | Non-applicable                   | 3                       |
|                      | according to IMO  |                                  | -                       |
| 1                    | instruments:  |                                  |                         |
| Transpo              | rt of dangerous goods by sea:                           |                                  |                         |
| With rega            | ard to IMDG 40-20:                                      |                                  |                         |
|                      | UN number or ID number:                                 | Non-applicable                   |                         |
|                      | UN proper shipping name:                                | Non-applicable                   |                         |
| 14.3                 | Transport hazard class(es):                             | Non-applicable                   |                         |
|                      | Labels:   | Non-applicable                   |                         |
|                      | Packing group:  | Non-applicable                   | 2                       |
|                      | Marine pollutant:                                       | No                               |                         |
| 14.6                 | Special precautions for user                            |                                  |                         |
|                      | Special regulations:                                    | Non-applicable                   |                         |
|                      | EmS Codes:  |                                  |                         |
|                      | Physico-Chemical properties:                            | see section 9                    |                         |
|                      | Limited quantities:                                     | Non-applicable                   |                         |
|                      | Segregation group:                                      | Non-applicable                   |                         |
| 14.7                 | Maritime transport in bulk<br>according to IMO          | Non-applicable                   |                         |
|                      | instruments:  |                                  |                         |
| Transpo              | rt of dangerous goods by air:                           |                                  |                         |
| With rega            | ard to IATA/ICAO 2023:                                  |                                  |                         |
| 14.1                 | UN number or ID number:                                 | Non-applicable                   |                         |
| 14.2                 | UN proper shipping name:                                | Non-applicable                   |                         |
|                      | Transport hazard class(es):                             | Non-applicable                   |                         |
|                      | Labels:   | Non-applicable                   | 2                       |
|                      | Packing group:  | Non-applicable                   |                         |
|                      | Environmental hazards:                                  | No                               |                         |
| 14.6                 | Special precautions for user                            |                                  |                         |
|                      | Physico-Chemical properties:                            | see section 9                    |                         |
| 14.7                 | Maritime transport in bulk                              | Non-applicable                   | 2                       |
|                      | according to IMO  |                                  |                         |
|                      | instruments:  |                                  |                         |
|                      |   |                                  |                         |

# 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: Non-applicable



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### SECTION 15: REGULATORY INFORMATION (continued)

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:

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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.

### SECTION 16: OTHER INFORMATION

#### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

#### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMMISSION REGULATION (EU) 2020/878

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16): Supplementary information

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### CLP Regulation (EC) No 1272/2008:

Non-applicable

### **Classification procedure:**

Non-applicable

# Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

#### **Principal bibliographical sources:**

http://echa.europa.eu http://eur-lex.europa.eu

#### Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

- IMDG: International maritime dangerous goods code
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organisation
- COD: Chemical Oxygen Demand
- BOD5: 5day biochemical oxygen demand BCF: Bioconcentration factor
- LD50: Lethal Dose 50
- LC50: Lethal Concentration 50
- EC50: Effective concentration 50
- LogPOW: Octanolwater partition coefficient
- Koc: Partition coefficient of organic carbon
- UFI: unique formula identifier
- IARC: International Agency for Research on Cancer



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Product safety information sheet prepared in accordance with Article 32 of Regulation (EC) 1907/2006 (REACH); this document does not constitute a Safety Data Sheet under Article 31 of Regulation (EC) No. 1907/2006, as a Safety Data Sheet is not mandatory for this product 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 DOCUMENT

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