# Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Malta

# **SAFETY DATA SHEET**



FUTURA AQUA 40 - All variants

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

#### 1.1 Product identifier Product name

E FUTURA AQUA 40 - All variants

**1.2 Relevant identified uses of the substance or mixture and uses advised againstProduct use**: Paint.

#### 1.3 Details of the supplier of the safety data sheet

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091. e-mail address of person : Prod-safe@teknos.com

responsible for this SDS

#### **National contact**

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

#### 1.4 Emergency telephone number

#### National advisory body/Poison Centre

 Telephone number
 : Malta Competition and Consumer Affairs Authority (MCCAA): +356 2395 2000

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. See Section 11 for more detailed information on health effects and symptoms.

| 2.2 Label elements  |   |   |  |  |
|---|---|---|--|--|
| Signal word   | : | No signal word.   |  |  |
| Hazard statements   | : | No known significant effects or critical hazards.   |  |  |
| Precautionary statements  |   |   |  |  |
| Prevention  | : | Not applicable.   |  |  |
| Response  | : | Not applicable.   |  |  |
| Storage   | : | Not applicable.   |  |  |
| Disposal  | : | Not applicable.   |  |  |
| Supplemental label<br>elements  | : | Contains 1,2-benzisothiazol-3(2H)-one and reaction mass of: 5-chloro-2-methyl-<br>4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.<br>220-239-6] (3:1). May produce an allergic reaction.<br>Safety data sheet available on request.<br>Warning! Hazardous respirable droplets may be formed when sprayed. Do not<br>breathe spray or mist. Contains biocidal products for in-can preservation: BIT and C<br>(M)IT/MIT (3:1). |  |  |
| Annex XVII - Restrictions<br>on the manufacture,<br>placing on the market and<br>use of certain dangerous<br>substances, mixtures and<br>articles | : |   |  |  |
| Date of issue/Date of revision  |   | : 12/02/2025 Date of previous issue : 22/08/2022 Version : 2 1/16   |  |  |
| FUTURA AQUA 40 - All variants   | 5 | Label No :1700492   |  |  |

## **SECTION 2: Hazards identification**

#### 2.3 Other hazards

| Product meets the criteria | This mixture does not contain any substances that are assessed to be a PBT or a |
|----------------------------|---|
| for PBT or vPvB according  | vPvB.   |
| to Regulation (EC) No.     |   |

1907/2006, Annex XIII Other hazards which do : None known. not result in classification

## SECTION 3: Composition/information on ingredients

| 3.2 Mixtures  | : Mixture  |           |   |  |         |
|---|--|-----------|---|--|---------|
| Product/ingredient name   | Identifiers  | %         | Classification  | Specific Conc.<br>Limits, M-factors<br>and ATEs  | Туре    |
| titanium dioxide  | REACH #:<br>01-2119489379-17<br>EC: 236-675-5<br>CAS: 13463-67-7 | ≥10 - ≤25 | Carc. 2, H351<br>(inhalation)   | -  | [1] [*] |
| 1,2-benzisothiazol-3(2H)-<br>one  | EC: 220-120-9<br>CAS: 2634-33-5<br>Index: 613-088-00-6           | <0.036    | Acute Tox. 4, H302<br>Acute Tox. 2, H330<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1,<br>H410  | ATE [Oral] = 450<br>mg/kg<br>ATE [Inhalation<br>(dusts and mists)]<br>= $0.21$ mg/l<br>Skin Sens. 1, H317:<br>$C \ge 0.036\%$<br>M [Acute] = 1<br>M [Chronic] = 1  | [1]     |
| reaction mass of: 5-chloro-<br>2-methyl-4-isothiazolin-<br>3-one [EC no. 247-500-7]<br>and 2-methyl-2H-isothiazol-<br>3-one [EC no. 220-239-6]<br>(3:1) | EC: 911-418-6<br>CAS: 55965-84-9<br>Index: 613-167-00-5          | <0.0015   | Acute Tox. 3, H301<br>Acute Tox. 2, H310<br>Acute Tox. 2, H330<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1,<br>H410<br>EUH071<br>See Section 16 for<br>the full text of the H | ATE [Oral] = 53 mg/<br>kg<br>ATE [Dermal] = 50<br>mg/kg<br>ATE [Inhalation<br>(vapours)] = 0.5<br>mg/l<br>Skin Corr. 1C,<br>H314: C $\geq$ 0.6%<br>Eye Dam. 1, H318:<br>C $\geq$ 0.6%<br>Eye Irrit. 2, H319:<br>0.06% $\leq$ C < 0.6%<br>Skin Sens. 1, H317:<br>C $\geq$ 0.0015%<br>M [Acute] = 100<br>M [Chronic] = 100 | [1]     |
|   |  |           | the full text of the H<br>statements declared<br>above.   |  |         |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. Type

[1] Substance classified with a health or environmental hazard

[\*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter  $\leq$  10 µm not bound within a matrix. Occupational exposure limits, if available, are listed in Section 8.

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## SECTION 4: First aid measures

| 4.1 Description of first aid measures |  |  |  |  |
|---------------------------------------|--|--|--|--|
| Eye contact                           | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |  |  |  |
| Inhalation                            | : Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>Get medical attention if symptoms occur.   |  |  |  |
| Skin contact                          | <ul> <li>Flush contaminated skin with plenty of water. Remove contaminated clothing and<br/>shoes. Get medical attention if symptoms occur.</li> </ul>   |  |  |  |
| Ingestion                             | : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |  |  |  |
| Protection of first-aiders            | : No action shall be taken involving any personal risk or without suitable training.   |  |  |  |
|                                       |  |  |  |  |

| 4.2 Most important symptoms and effects, both acute and delayed |
|---|
| Over-exposure signs/symptoms                                    |

| Eye contact  | : No specific data. |
|--------------|---------------------|
| Inhalation   | : No specific data. |
| Skin contact | : No specific data. |
| Ingestion    | : No specific data. |

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

| Notes to physician  | <ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large<br/>quantities have been ingested or inhaled.</li> </ul> |
|---------------------|---|
| Specific treatments | : No specific treatment.  |
|                     |   |

## **SECTION 5: Firefighting measures**

| 5.1 Extinguishing media                           |     |   |
|---|-----|---|
| Suitable extinguishing media                      | -   | Use an extinguishing agent suitable for the surrounding fire.   |
| Unsuitable extinguishing media                    | :   | None known.   |
| 5.2 Special hazards arising fi                    | ron | the substance or mixture  |
| Hazards from the substance or mixture             | :   | In a fire or if heated, a pressure increase will occur and the container may burst.   |
| Hazardous combustion products                     | :   | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>metal oxide/oxides  |
| 5.3 Advice for firefighters                       |     |   |
| Special protective actions for fire-fighters      | :   | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.   |
| Special protective<br>equipment for fire-fighters | :   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |

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## **SECTION 6: Accidental release measures**

| 6.1 Personal precautions, pro   | tective equipment and emergency procedures  |
|---------------------------------|---|
| For non-emergency<br>personnel  | : No action shall be taken involving any personal risk or without suitable training.<br>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from<br>entering. Do not touch or walk through spilt material. Put on appropriate personal<br>protective equipment.  |
| For emergency responders        | : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| 6.2 Environmental precautions   | : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).   |
| 6.3 Methods and material for    | containment and cleaning up   |
| Small spill                     | : Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.  |
| Large spill                     | : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contain and collect spillage with non-combustible, absorbent material e. g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. |
| 6.4 Reference to other sections | : See Section 1 for emergency contact information.<br>See Section 8 for information on appropriate personal protective equipment.<br>See Section 13 for additional waste treatment information.   |

## **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 Precautions for safe handling

| Protective measures                    | : Put on appropriate personal protective equipment (see Section 8).   |
|--|---|
| Advice on general occupational hygiene | : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |

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

Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

Recommendations Industrial sector specific solutions

- : Not available.
- : Not available.

## **SECTION 8: Exposure controls/personal protection**

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

#### 8.1 Control parameters

| Occupational exposure limits  |   |
|---|---|
| Product/ingredient name   | Exposure limit values   |
| No exposure limit value known.  |   |
| Biological exposure indices   |   |
| Product/ingredient name   | Exposure indices  |
| No exposure indices known.  |   |
| procedures European Sta<br>assessment<br>values and m<br>atmospheres<br>of exposure t<br>(Workplace a<br>for the measu                          | hould be made to monitoring standards, such as the following:<br>andard EN 689 (Workplace atmospheres - Guidance for the<br>of exposure by inhalation to chemical agents for comparison with limit<br>neasurement strategy) European Standard EN 14042 (Workplace<br>s - Guide for the application and use of procedures for the assessment<br>to chemical and biological agents) European Standard EN 482<br>atmospheres - General requirements for the performance of procedures<br>urement of chemical agents) Reference to national guidance<br>or methods for the determination of hazardous substances will also be |
| DNELs/DMELs   |   |
| Product/ingredient name<br>titanium dioxide   | <b>Result</b><br>DNEL - General population - Long term - Inhalation<br>28 μg/m³<br><u>Effects</u> : Local   |
|   | <b>DNEL - Workers - Long term - Inhalation</b><br>170 μg/m³<br><u>Effects</u> : Local   |
| 1,2-benzisothiazol-3(2H)-one  | DNEL - General population - Long term - Dermal<br>0.345 mg/kg bw/day<br><u>Effects</u> : Systemic   |
|   | <b>DNEL - Workers - Long term - Dermal</b><br>0.966 mg/kg bw/day<br><u>Effects</u> : Systemic   |
|   | <b>DNEL - General population - Long term - Inhalation</b><br>1.2 mg/m <sup>3</sup><br><u>Effects</u> : Systemic   |
|   | <b>DNEL - Workers - Long term - Inhalation</b><br>6.81 mg/m <sup>3</sup><br><u>Effects</u> : Systemic   |
| reaction mass of: 5-chloro-2-methyl-<br>4-isothiazolin-3-one [EC no. 247-500-7] and<br>2-methyl-2H-isothiazol-3-one [EC no.<br>220-239-6] (3:1) | <b>DNEL - General population - Long term - Inhalation</b><br>0.02 mg/m <sup>3</sup><br><u>Effects</u> : Local   |
|   | <b>DNEL - Workers - Long term - Inhalation</b><br>0.02 mg/m³<br><u>Effects</u> : Local  |
|   | DNEL - General population - Short term - Inhalation<br>0.04 mg/m³<br><u>Effects</u> : Local   |
|   | DNEL - Workers - Short term - Inhalation  |
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## **SECTION 8: Exposure controls/personal protection**

0.04 mg/m³ <u>Effects</u>: Local

**DNEL - General population - Long term - Oral** 0.09 mg/kg bw/day <u>Effects</u>: Systemic

**DNEL - General population - Short term - Oral** 0.11 mg/kg bw/day <u>Effects</u>: Systemic

#### **PNECs**

Not available.

| 8.2 Exposure controls            |  |      |
|----------------------------------|--|------|
| Appropriate engineering controls | : Good general ventilation should be sufficient to control worker exposure to airbor contaminants.   | rne  |
| Individual protection meas       | res  |      |
| Hygiene measures                 | : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period Appropriate techniques should be used to remove potentially contaminated cloth Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |      |
| Eye/face protection              | : Safety eyewear complying with an approved standard should be used when a ris<br>assessment indicates this is necessary to avoid exposure to liquid splashes, mis<br>gases or dusts. If contact is possible, the following protection should be worn,<br>unless the assessment indicates a higher degree of protection: safety glasses w<br>side-shields.                       | sts, |
| Skin protection                  |  |      |
| Hand protection                  | : Chemical-resistant, impervious gloves complying with an approved standard sho<br>be worn at all times when handling chemical products if a risk assessment indica<br>this is necessary.  |      |
|                                  | Recommendations : Wear suitable gloves tested to EN374.  |      |
|                                  | > 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 mm  |      |
|                                  | Not recommended polyvinyl alcohol (PVA) gloves   |      |
| Body protection                  | : Personal protective equipment for the body should be selected based on the task<br>being performed and the risks involved and should be approved by a specialist<br>before handling this product.  | ĸ    |
| Other skin protection            | : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.  | е    |
| Respiratory protection           | : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other importa aspects of use.   |      |
|                                  | Filter type (spray application): A P   |      |
| Environmental exposure controls  | : Emissions from ventilation or work process equipment should be checked to<br>ensure they comply with the requirements of environmental protection legislation<br>In some cases, fume scrubbers, filters or engineering modifications to the proces<br>equipment will be necessary to reduce emissions to acceptable levels.  |      |

## **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

#### 9.1 Information on basic physical and chemical properties

| <u>Appearance</u>            |                  |
|------------------------------|------------------|
| Physical state               | : Liquid.        |
| Colour                       | : Various        |
| Odour                        | : Slight         |
| Odour threshold              | : Not available. |
| Melting point/freezing point | : Not available. |
| Initial boiling point and    | :                |
| boiling range                |                  |

| Ingredient name  | °C    | °F    | Method |
|------------------|-------|-------|--------|
| water            | 100   | 212   |        |
| Propylene glycol | 188.2 | 370.8 |        |

| E | lam | ma  | hi | litv   |
|---|-----|-----|----|--------|
|   | am  | ina |    | iity . |

: Not available.

| Lower and upper explosion limit |   | Lower: 2.6% (propane-1,2-diol)<br>Upper: 12.6% (propane-1,2-diol) |
|---------------------------------|---|---|
| mmu                             |   |   |
| Flash point                     | 1 | Closed cup: >100°C (>212°F)                                       |

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Auto-ignition temperature

| Ingredient name  | °C  | °F    | Method |
|------------------|-----|-------|--------|
| Propylene glycol | 371 | 699.8 |        |

| Decomposition temperature               | : | Not available.  |
|---|---|-----------------|
| рН                                      | : | 6.5 to 8.5      |
| Viscosity                               | : | Not available.  |
| Solubility(ies)                         | : |                 |
| Not available.                          |   |                 |
| Solubility in water                     | : | Not available.  |
| Partition coefficient: n-octanol/ water | : | Not applicable. |

#### Vapour pressure

|                  | Va    | Vapour Pressure at 20°C |        | Va    | ssure at 50°C |        |
|------------------|-------|-------------------------|--------|-------|---------------|--------|
| Ingredient name  | mm Hg | kPa                     | Method | mm Hg | kPa           | Method |
| water            | 17.5  | 2.3                     |        |       |               |        |
| Propylene glycol | 0.15  | 0.02                    | EU A.4 |       |               |        |

| Rolativo dollotty        |                         |
|--------------------------|-------------------------|
| Density                  | : 1.2 g/cm <sup>3</sup> |
| Vapour density           | : Not available.        |
| Particle characteristics |                         |

| Median particle size | : Not applicable. |
|----------------------|-------------------|
| weulan particle size | · NOL applicable  |

#### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

- **Explosive properties** : Not available.
- Oxidising properties : Not available.

#### 9.2.2 Other safety characteristics

Not applicable.

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| <b>SECTION 10: Stabilit</b>              | y and reactivity   |
|--|--|
| 10.1 Reactivity                          | : No specific test data related to reactivity available for this product or its ingredients.           |
| 10.2 Chemical stability                  | : The product is stable.   |
| 10.3 Possibility of hazardous reactions  | : Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| 10.4 Conditions to avoid                 | : No specific data.  |
| 10.5 Incompatible materials              | : No specific data.  |
| 10.6 Hazardous<br>decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## **SECTION 11: Toxicological information**

| Acute toxicity   |  |
|--|--|
| Product/ingredient name                                  | Result   |
| 1,2-benzisothiazol-3(2H)-one                             | Rat - Oral - LD50  |
|  | 1020 mg/kg   |
| reaction mass of: 5-chloro-2-methyl-                     | Rat - Oral - LD50  |
| 4-isothiazolin-3-one [EC no. 247-500-7] and              | 53 mg/kg   |
| 2-methyl-2H-isothiazol-3-one [EC no.<br>220-239-6] (3:1) | Toxic effects: Behavioral - Somnolence (general depressed                              |
| 220-239-0] (3.1)   | activity) Behavioral - Ataxia Lung, Thorax, or Respiration -<br>Respiratory depression |

#### Conclusion/Summary [Product] : Not available.

#### Acute toxicity estimates

| Product/ingredient name   | Oral (mg/<br>kg) | Dermal<br>(mg/kg) | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapours)<br>(mg/l) | Inhalation<br>(dusts<br>and mists)<br>(mg/l) |
|---|------------------|-------------------|--------------------------------|-----------------------------------|--|
| 1,2-benzisothiazol-3(2H)-one<br>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-<br>3-one [EC no. 247-500-7] and 2-methyl-2H-<br>isothiazol-3-one [EC no. 220-239-6] (3:1) | 450<br>53        | N/A<br>50         | N/A<br>N/A                     | N/A<br>0.5                        | 0.21<br>N/A                                  |

#### **Skin corrosion/irritation**

Product/ingredient name

1,2-benzisothiazol-3(2H)-one

titanium dioxide

Result

Human - Skin - Mild irritant Duration of treatment/exposure: 72 hours Amount/concentration applied: 300 ug I

Human - Skin - Mild irritant Duration of treatment/exposure: 48 hours Amount/concentration applied: 5 %

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

#### Human - Skin - Severe irritant Amount/concentration applied: 0.01 %

Conclusion/Summary [Product] : Not available.

#### Serious eye damage/eye irritation

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## **SECTION 11: Toxicological information**

Not available.

| Conclusion/Summary [Product]                        | : Not available. |
|---|------------------|
| Respiratory corrosion/irritation<br>Not available.  |                  |
| Conclusion/Summary [Product]                        | : Not available. |
| Respiratory or skin sensitization<br>Not available. |                  |
| Skin<br>Conclusion/Summary [Product]                | : Not available. |
| Respiratory<br>Conclusion/Summary [Product]         | : Not available. |
| Germ cell mutagenicity<br>Not available.            |                  |
| Conclusion/Summary [Product]                        | : Not available. |
| <b>Carcinogenicity</b>                              |                  |

It has been observed that the carcinogenic hazard of this product arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung. Not available.

Conclusion/Summary [Product] : Not available.

#### Reproductive toxicity

Not available.

Conclusion/Summary [Product] : Not available.

Specific target organ toxicity (single exposure) Not available.

<u>Specific target organ toxicity (repeated exposure)</u> Not available.

 Aspiration hazard

 Not available.

 Information on likely routes of exposure

 Not available.

 Potential acute health effects

 Eye contact
 : No known significant effects or critical hazards.

 Inhalation
 : No known significant effects or critical hazards.

 Skin contact
 : No known significant effects or critical hazards.

 Ingestion
 : No known significant effects or critical hazards.

 Symptoms related to the physical, chemical and toxicological characteristics

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## **SECTION 11: Toxicological information**

| Eye contact                     | : No specific data.   |
|---------------------------------|---|
| Inhalation                      | : No specific data.   |
| Skin contact                    | : No specific data.   |
| Ingestion                       | : No specific data.   |
|                                 | ts as well as chronic effects from short and long-term exposure |
|                                 | ts as well as chronic effects from short and long-term exposure |
| Short term exposure             |   |
| Potential immediate<br>effects  | : Not available.  |
| Potential delayed effects       | : Not available.  |
| Long term exposure              |   |
| Potential immediate             | : Not available.  |
| effects                         |   |
| Potential delayed effects       | : Not available.  |
| Potential chronic health effect | <u>cts</u>  |
| Not available.                  |   |
| Conclusion/Summary [Proc        | duct] : Not available.  |
| General                         | : No known significant effects or critical hazards.             |
| Carcinogenicity                 | : No known significant effects or critical hazards.             |
| Mutagenicity                    | : No known significant effects or critical hazards.             |
| Reproductive toxicity           | : No known significant effects or critical hazards.             |
| 11.2 Information on other haza  |   |

#### **11.2.1 Endocrine disrupting properties**

Not available.

Conclusion/Summary [Product]

: The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

#### 11.2.2 Other information

Not available.

### **SECTION 12: Ecological information**

#### 12.1 Toxicity

| Product/ingredient name<br>titanium dioxide | Result<br>Acute - LC50 - Marine water<br>Fish - Mummichog - <i>Fundulus heteroclitus</i><br>>1000000 μg/l [96 hours]<br>Effect: Mortality                                |
|---|--|
|   | Acute - LC50 - Fresh water<br>Crustaceans - Water flea - <i>Ceriodaphnia dubia</i> - Neonate<br><u>Age</u> : <24 hours<br>3 mg/l [48 hours]<br><u>Effect</u> : Mortality |
| 1,2-benzisothiazol-3(2H)-one                | <b>Acute - LC50 - Fresh water</b><br>OECD [Fish, Acute Toxicity Test]<br>Fish - Trout - <i>Onorhynchus Mykiss</i><br>1.9 mg/l [96 hours]                                 |
|   | <b>Acute - EC50</b><br>OECD 202 [Daphnia sp. Acute Immobilization Test and<br>Reproduction Test]<br>Daphnia - Daphnia - <i>Daphnia Magna</i><br>3.7 mg/l [48 hours]      |
|   | Acute - EC50 - Marine water<br>OECD 201 [Alga, Growth Inhibition Test]   |

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## **SECTION 12: Ecological information**

Algae - Algae - *Skeletonema Costatum* 0.36 mg/l [72 hours]

#### Acute - NOEC - Marine water

OECD 201 [Alga, Growth Inhibition Test] Algae - Algae - *Skeletonema Costatum* 0.15 mg/l [72 hours]

Conclusion/Summary [Product] : Not available.

#### 12.2 Persistence and degradability

#### Product/ingredient name

1,2-benzisothiazol-3(2H)-one

Result EU 24% [28 days]

**Conclusion/Summary [Product]** : Not available.

| Product/ingredient name      | Aquatic half-life | Photolysis | Biodegradability |
|------------------------------|-------------------|------------|------------------|
| 1,2-benzisothiazol-3(2H)-one | -                 | -          | Inherent         |

#### 12.3 Bioaccumulative potential

| Product/ingredient name      | LogPow | BCF | Potential |
|------------------------------|--------|-----|-----------|
| 1,2-benzisothiazol-3(2H)-one | -      | 3.2 | Low       |

#### 12.4 Mobility in soil

#### Soil/water partition coefficient

| Product/ingredient name      | logKoc | Кос    |
|------------------------------|--------|--------|
| 1,2-benzisothiazol-3(2H)-one | 1.86   | 73.142 |

#### Results of PMT and vPvM assessment

| Product/ingredient name  | PMT      | Р              | М              | т              | vPvM           | vP             | ٧M             |
|--|----------|----------------|----------------|----------------|----------------|----------------|----------------|
| titanium dioxide<br>1,2-benzisothiazol-3(2H)-one<br>reaction mass of: 5-chloro-<br>2-methyl-4-isothiazolin-<br>3-one [EC no. 247-500-7]<br>and 2-methyl-2H-isothiazol-<br>3-one [EC no. 220-239-6] (3:<br>1) | No       | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No |
| Mobility   | : Not av | ailable.       |                |                | •              |                |                |

Conclusion/Summary

: The product does not meet the criteria to be considered as a PMT or vPvM.

#### 12.5 Results of PBT and vPvB assessment Regulation (EC) No. 1907/2006 [REACH]

| Product/ingredient name  | PBT | Р              | В              | т              | vPvB           | vP             | vB             |
|--|-----|----------------|----------------|----------------|----------------|----------------|----------------|
| titanium dioxide<br>1,2-benzisothiazol-3(2H)-one<br>reaction mass of: 5-chloro-<br>2-methyl-4-isothiazolin-<br>3-one [EC no. 247-500-7]<br>and 2-methyl-2H-isothiazol-<br>3-one [EC no. 220-239-6] (3:<br>1) | No  | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No |

Regulation (EC) No. 1272/2008 [CLP]

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| Product/ingredient name  | PBT            | Р              | В              | т              | vPvB            | vP             | vB             |
|--|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| titanium dioxide<br>1,2-benzisothiazol-3(2H)-one<br>reaction mass of: 5-chloro-<br>2-methyl-4-isothiazolin-<br>3-one [EC no. 247-500-7]<br>and 2-methyl-2H-isothiazol-<br>3-one [EC no. 220-239-6] (3:<br>1) | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No | No<br>No<br>No  | No<br>No<br>No | No<br>No<br>No |
| Conclusion/Summary<br>Regulation (EC) No. 1272/2<br>[CLP]  |                | The produc     | t does not n   | neet the crite | eria to be cons | idered as a    | PBT or vPvE    |

**Conclusion/Summary [Product]** : The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

#### **SECTION 13: Disposal considerations**

| 13.1 Waste treatment methods        |   |
|-------------------------------------|---|
| Product                             |   |
| Methods of disposal :               | The generation of waste should be avoided or minimised wherever possible.<br>Disposal of this product, solutions and any by-products should at all times comply<br>with the requirements of environmental protection and waste disposal legislation and<br>any regional local authority requirements. Dispose of surplus and non-recyclable<br>products via a licensed waste disposal contractor. Waste should not be disposed of<br>untreated to the sewer unless fully compliant with the requirements of all authorities<br>with jurisdiction. |
| European waste :<br>catalogue (EWC) | 080112, 200128  |
| Packaging                           |   |
| Methods of disposal :               | The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.  |
| Special precautions :               | This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.   |

## **SECTION 14: Transport information**

|                                    | ADR/RID            | ADN                       | IMDG           | ΙΑΤΑ              |
|------------------------------------|--------------------|---------------------------|----------------|-------------------|
| 14.1 UN number<br>or ID number     | Not regulated.     | Not regulated.            | Not regulated. | Not regulated.    |
| 14.2 UN proper<br>shipping name    | -                  | -                         | -              | -                 |
| 14.3 Transport<br>hazard class(es) | -                  | -                         | -              | -                 |
| 14.4 Packing<br>group              | -                  | -                         | -              | -                 |
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| SECTION 14:   |                       |                                      | <u>.</u>                  | 1   |
|---|-----------------------|--------------------------------------|---------------------------|---|
| 14.5<br>Environmental<br>hazards                      | No.                   | No.                                  | No.                       | No.   |
| 4.6 Special preca<br>Iser                             | upri                  |                                      | e that persons transport  | port in closed containers that ar<br>ng the product know what to do |
| 4.7 Maritime trans<br>oulk according to<br>nstruments | -                     | relevant/applicable du               | e to nature of the produc | ot.   |
| SECTION 15:   | Regulatory i          | nformation                           |                           |   |
| 5.1 Safety, health                                    | and environment       | al regulations/legisla               | ation specific for the su | bstance or mixture  |
| EU Regulation (E                                      | C) No. 1907/2006      | (REACH)                              |                           |   |
| Annex XIV - List                                      | of substances su      | <u>ibject to authorisatio</u>        | <u>n</u>                  |   |
| Annex XIV   |                       |                                      |                           |   |
| None of the cor                                       | nponents are listed   | d.                                   |                           |   |
|   | very high concer      |                                      |                           |   |
|   | nponents are listed   |                                      |                           |   |
| Annex XVII - Rest<br>substances, mixt                 |                       | anufacture, placing c                | on the market and use o   | of certain dangerous  |
| Labelling   | :                     |                                      |                           |   |
| Other EU regulati                                     | ons                   |                                      |                           |   |
| Industrial emiss                                      |                       | listed                               |                           |   |
| (integrated pollu<br>prevention and of<br>Air         |                       |                                      |                           |   |
| Industrial emiss                                      | ions : Not            | listed                               |                           |   |
| (integrated polluprevention and o                     |                       |                                      |                           |   |
| Water   | N. I                  |                                      |                           |   |
| Explosive precu                                       |                       | applicable.                          |                           |   |
| Not listed.   | <u>substances (EU</u> | 2024/590)                            |                           |   |
|   | Consent (PIC) (649    | 2/2012/EU)                           |                           |   |
| Not listed.   |                       | <u>5/2012/201</u>                    |                           |   |
| Persistent Orga                                       | nic Pollutants        |                                      |                           |   |
| Not listed.   |                       |                                      |                           |   |
| Seveso Directive                                      |                       |                                      |                           |   |
| This product is no                                    | ot controlled under   | the Seveso Directive.                |                           |   |
| International regu                                    | <u>lations</u>        |                                      |                           |   |
| Chemical Weapor                                       | n Convention List     | <u>: Schedules I, II &amp; III (</u> | <u>Chemicals</u>          |   |
| Not listed.   |                       |                                      |                           |   |
| Montreal Protoco<br>Not listed.                       | <u>l</u>              |                                      |                           |   |
| Stockholm Conve                                       | ention on Persiste    | ent Organic Pollutant                | <u>s</u>                  |   |
| Not listed.   |                       |                                      |                           |   |
| Rotterdam Conve                                       |                       | iormod Concept (PIC)                 |                           |   |

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## **SECTION 15: Regulatory information**

Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

# **15.2 Chemical safety** assessment

: This product contains substances for which Chemical Safety Assessments are still required.

## **SECTION 16: Other information**

| Indicates informati                                  | on that has changed from previously issued version.   |
|--|---|
| Indicates informati<br>Abbreviations and<br>acronyms | on that has changed from previously issued version.<br>: ATE = Acute Toxicity Estimate<br>CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.<br>1272/2008]<br>DMEL = Derived Minimal Effect Level<br>DNEL = Derived No Effect Level<br>EUH statement = CLP-specific Hazard statement<br>N/A = Not available<br>PBT = Persistent, Bioaccumulative and Toxic<br>PNEC = Predicted No Effect Concentration<br>RRN = REACH Registration Number<br>SGG = Segregation Group |
|  | vPvB = Very Persistent and Very Bioaccumulative   |

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

#### Full text of abbreviated H statements

| H301   | Toxic if swallowed.                                   |
|--------|---|
| H302   | Harmful if swallowed.                                 |
| H310   | Fatal in contact with skin.                           |
| H314   | Causes severe skin burns and eye damage.              |
| H315   | Causes skin irritation.                               |
| H317   | May cause an allergic skin reaction.                  |
| H318   | Causes serious eye damage.                            |
| H330   | Fatal if inhaled.                                     |
| H351   | Suspected of causing cancer.                          |
| H400   | Very toxic to aquatic life.                           |
| H410   | Very toxic to aquatic life with long lasting effects. |
| EUH071 | Corrosive to the respiratory tract.                   |

#### Full text of classifications [CLP/GHS]

| Acute Tox. 2           | ACUTE TOXICITY - Category 2                     |
|------------------------|---|
| Acute Tox. 3           | ACUTE TOXICITY - Category 3                     |
| Acute Tox. 4           | ACUTE TOXICITY - Category 4                     |
| Aquatic Acute 1        | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1  |
| Aquatic Chronic 1      | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 |
| Carc. 2                | CARCINOGENICITY - Category 2                    |
| Eye Dam. 1             | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1  |
| Skin Corr. 1C          | SKIN CORROSION/IRRITATION - Category 1C         |
| Skin Irrit. 2          | SKIN CORROSION/IRRITATION - Category 2          |
| Skin Sens. 1           | SKIN SENSITISATION - Category 1                 |
| Skin Sens. 1A          | SKIN SENSITISATION - Category 1A                |
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#### Notice to reader

## **SECTION 16: Other information**

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

*Date of issue/Date of revision* FUTURA AQUA 40 - All variants : 12/02/2025 Date of previous issue