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

# **SAFETY DATA SHEET**



TEKNOCOAT AQUA 2580-22 - BASE 3 03

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

## 1.1 Product identifier

Product name : TEKNOCOAT AQUA 2580-22 - BASE 3 03

**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 : In an emergency, call 112

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Product definition : Mixture <u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u> 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 adipohydrazide, 1,2-benzisothiazol-3(2H)-one and 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). May produce an allergic reaction. Safety data sheet available on request. |
| Annex XVII - Restrictions<br>on the manufacture,<br>placing on the market and<br>use of certain dangerous<br>substances, mixtures and | : |  |

articles

#### 2.3 Other hazards

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## **SECTION 2: Hazards identification**

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other hazards which do : None known.

not result in classification

## **SECTION 3: Composition/information on ingredients**

| Product/ingredient name   | Identifiers   | %       | Classification  | Specific Conc.<br>Limits, M-factors<br>and ATEs   | Туре |
|---|---|---------|---|---|------|
| adipohydrazide  | REACH #:<br>01-2119962900-36<br>EC: 213-999-5<br>CAS: 1071-93-8 | ≤0.3    | Skin Sens. 1, H317<br>Aquatic Chronic 2,<br>H411  | -   | [1]  |
| 1,2-benzisothiazol-3(2H)-<br>one  | EC: 220-120-9<br>CAS: 2634-33-5<br>Index: 613-088-00-6          | <0.05   | Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400  | ATE [Oral] = 1020<br>mg/kg<br>Skin Sens. 1, H317:<br>C ≥ 0.05%<br>M [Acute] = 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) | 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 | 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: $C \ge 0.6\%$<br>Eye Dam. 1, H318:<br>$C \ge 0.6\%$<br>Eye Irrit. 2, H319:<br>$0.06\% \le C < 0.6\%$<br>Skin Sens. 1, H317:<br>$C \ge 0.0015\%$<br>M [Acute] = 100<br>M [Chronic] = 100 | [1]  |
|   |   |         | See Section 16 for<br>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 Occupational exposure limits, if available, are listed in Section 8.

## **SECTION 4: First aid measures**

| 4.1 Description of firs | t aid measures  |
|-------------------------|---|
| Eye contact             | <ul> <li>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower<br/>eyelids. Check for and remove any contact lenses. Get medical attention if irritation<br/>occurs.</li> </ul> |
| Inhalation              | <ul> <li>Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br/>Get medical attention if symptoms occur.</li> </ul>   |
| Skin contact            | : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.  |
|                         |   |

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| SECTION 4: First aid                              |   |
|---|---|
| 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 sympton                        | ns and effects, both acute and delayed  |
| Over-exposure signs/symp                          | <u>itoms</u>  |
| Eye contact                                       | : No specific data.   |
| Inhalation  | : No specific data.   |
| Skin contact                                      | : No specific data.   |
| Ingestion   | : No specific data.   |
| 4.3 Indication of any immed                       | iate 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: Firefigh                               | ting 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                       | from 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 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. |
|   |   |

| o. i Personai precautions, pro | ne | cuve 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<br>and sewers. Inform the relevant authorities if the product has caused environmental<br>pollution (sewers, waterways, soil or air).  |
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## **SECTION 6: Accidental release measures**

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

| Small spill                     | : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry 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. 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. Dispose of via a licensed waste disposal contractor. |
| 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

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.

| 7.3 Specific end use(s)    |                  |
|----------------------------|------------------|
| Recommendations            | : Not available. |
| Industrial sector specific | : Not available. |

Industrial sector specific solutions

## **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**

No exposure indices known.

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

procedures

**Recommended monitoring** : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

## **DNELs/DMELs**

| Product/ingredient name   | Туре | Exposure                 | Value                  | Population            | Effects  |
|---|------|--------------------------|------------------------|-----------------------|----------|
| dipohydrazide   | DNEL | Long term<br>Inhalation  | 17.5 mg/m <sup>3</sup> | Workers               | Systemic |
| 1,2-benzisothiazol-3(2H)-one  | DNEL | Long term Dermal         | 0.345 mg/<br>kg bw/day | General<br>population | Systemic |
|   | DNEL | Long term Dermal         | 0.966 mg/<br>kg bw/day | Workers               | Systemic |
|   | DNEL | Long term<br>Inhalation  | 1.2 mg/m <sup>3</sup>  | General<br>population | Systemic |
|   | DNEL | Long term<br>Inhalation  | 6.81 mg/m³             |                       | Systemic |
| reaction mass of: 5-chloro-2-methyl-<br>4-isothiazolin-3-one [EC no.<br>247-500-7] and 2-methyl-2H-<br>isothiazol-3-one [EC no. 220-239-6]<br>(3:1) | DNEL | Long term<br>Inhalation  | 0.02 mg/m³             | General<br>population | Local    |
|   | DNEL | Long term<br>Inhalation  | 0.02 mg/m <sup>3</sup> | Workers               | Local    |
|   | DNEL | Short term<br>Inhalation | 0.04 mg/m <sup>3</sup> | General<br>population | Local    |
|   | DNEL | Short term<br>Inhalation | 0.04 mg/m <sup>3</sup> |                       | Local    |
|   | DNEL | Long term Oral           | 0.09 mg/<br>kg bw/day  | General<br>population | Systemic |
|   | DNEL | Short term Oral          | 0.11 mg/<br>kg bw/day  | General<br>population | Systemic |

#### **PNECs**

No PNECs available

## 8.2 Exposure controls

| •                                |   |  |  |  |
|----------------------------------|---|--|--|--|
| Appropriate engineering controls | Good general ventilation should be sufficient to control worker exposure to airborne contaminants.  |  |  |  |
| Individual protection meas       | ures  |  |  |  |
| Hygiene measures                 | : Wash hands, forearms and face thoroughly after handling chemical products,<br>before eating, smoking and using the lavatory and at the end of the working period.<br>Appropriate techniques should be used to remove potentially contaminated clothing.<br>Wash contaminated clothing before reusing. Ensure that eyewash stations and<br>safety showers are close to the workstation location. |  |  |  |
| Eye/face protection              | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.   |  |  |  |
| Skin protection                  |   |  |  |  |
| Hand protection                  | : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.   |  |  |  |
|                                  | Recommendations : Wear suitable gloves tested to EN374.   |  |  |  |
|                                  | > 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 mm   |  |  |  |
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## **SECTION 8: Exposure controls/personal protection**

|                                 |   | 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.   |
| 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.   |
| 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 important 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 process<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                                     | : 🗭 olourless.   |
| Odour                                      | : Slight         |
| Odour threshold                            | : Not available. |
| Melting point/freezing point               | : Not available. |
| Initial boiling point and<br>boiling range | :                |

| Ingredient name                         | °C  | °F  | Method |
|---|-----|-----|--------|
| water                                   | 100 | 212 |        |
| 2-Propanol, 1-(2-butoxy-1-methylethoxy) | 230 | 446 |        |

| Flammability           |      |  |  |  |  |
|------------------------|------|--|--|--|--|
| Lower and upper explos | sion |  |  |  |  |
| limit                  |      |  |  |  |  |

: Not available.

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: Lower: Not applicable. Upper: Not applicable.

## Flash point

|  | Closed cup |       |          | Open cup |    |        |
|--|------------|-------|----------|----------|----|--------|
| Ingredient name  | °C         | °F    | Method   | °C       | °F | Method |
| <ul><li>Propanol, 1-(2-butoxy-<br/>1-methylethoxy)</li></ul> | 100.4      | 212.7 | ISO 1523 |          |    |        |

## Auto-ignition temperature

| Ingredient name                       | °C  | °F    | Method  |
|---------------------------------------|-----|-------|---------|
| Propanol, 1-(2-butoxy-1-methylethoxy) | 194 | 381.2 | EU A.15 |

| Decomposition temperature                  | ÷ | Not available.  |
|--|---|-----------------|
| рН   | ; | 8 to 8.8        |
| Viscosity                                  | 1 | Not available.  |
| Solubility(ies)                            | 1 |                 |
| Not available.                             |   |                 |
| Solubility in water                        | ; | Not available.  |
| Partition coefficient: n-octanol/<br>water | : | Not applicable. |

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

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## Vapour pressure

|   | Va               | Vapour Pressure at 20°C |        |       | Vapour pressure at 50°C |        |  |  |
|---|------------------|-------------------------|--------|-------|-------------------------|--------|--|--|
| Ingredient name                             | mm Hg            | kPa                     | Method | mm Hg | kPa                     | Method |  |  |
| water                                       | 17.5             | 2.3                     |        |       |                         |        |  |  |
| 2-Propanol, 1-(2-butoxy-<br>1-methylethoxy) | 0.045            | 0.006                   |        |       |                         |        |  |  |
| elative density                             | : Not            | available.              |        | ·     |                         | ·      |  |  |
| ensity                                      | : 1 g/           | ′cm³                    |        |       |                         |        |  |  |
| apour density                               | : Not available. |                         |        |       |                         |        |  |  |
| xplosive properties                         | : Not            | : Not available.        |        |       |                         |        |  |  |
| xidising properties                         | : Not available. |                         |        |       |                         |        |  |  |
| article characteristics                     |                  |                         |        |       |                         |        |  |  |
| ledian particle size                        | : Not            | applicable.             |        |       |                         |        |  |  |
|   |                  |                         |        |       |                         |        |  |  |

## **SECTION 10: Stability 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**

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

## Acute toxicity

| Product/ingredient name  | Result    | Species | Dose       | Exposure |
|--|-----------|---------|------------|----------|
| ✓,2-benzisothiazol-3(2H)-<br>one   | LD50 Oral | Rat     | 1020 mg/kg | -        |
| 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) | LD50 Oral | Rat     | 53 mg/kg   | -        |

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

#### Acute toxicity estimates

| Route          | ATE value |
|----------------|-----------|
| Not available. |           |

Irritation/Corrosion

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| Product/ingredient name  | Result  |                         | Species      | Score        | Exposure               | Observat           | ior |
|--|---|-------------------------|--------------|--------------|------------------------|--------------------|-----|
| 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) | Skin - Mild irritant<br>Skin - Severe irritan                 |                         | man<br>man   | -            | 48 hours 5 %<br>0.01 % | -                  |     |
| Conclusion/Summary   | : Based on availab  | le data, the clas       | sification c | riteria are  | not met.               | ļ                  |     |
| <u>Sensitisation</u>   |   |                         |              |              |                        |                    |     |
| Conclusion/Summary   | : Based on availab  | le data, the clas       | sification c | riteria are  | e not met.             |                    |     |
| Mutagenicity   |   |                         |              |              |                        |                    |     |
| Conclusion/Summary   | : Based on availab  | le data, the clas       | sification c | riteria are  | e not met.             |                    |     |
| Carcinogenicity  |   |                         |              |              |                        |                    |     |
| Conclusion/Summary   | : Based on availab  | le data, the clas       | sification c | riteria are  | e not met.             |                    |     |
| Reproductive toxicity  |   |                         |              |              |                        |                    |     |
| Conclusion/Summary   | : Based on availab  | le data, the clas       | sification c | riteria are  | e not met.             |                    |     |
| Teratogenicity   |   |                         |              |              |                        |                    |     |
| Conclusion/Summary   | : Based on availab  | le data, the clas       | sification c | riteria are  | e not met.             |                    |     |
| Specific target organ toxici   | ty (single exposure)  |                         |              |              |                        |                    |     |
| Not available.   |   |                         |              |              |                        |                    |     |
| Specific target organ toxici   | w (ropostod ovposu  | <b>(</b> 0)             |              |              |                        |                    |     |
| Not available.   | <u>ly (repeated exposur</u>                                   | <u>e)</u>               |              |              |                        |                    |     |
|  |   |                         |              |              |                        |                    |     |
| Aspiration hazard  |   |                         |              |              |                        |                    |     |
| Not available.   |   |                         |              |              |                        |                    |     |
| nformation on likely routes<br>of exposure   | : Not available.  |                         |              |              |                        |                    |     |
| Potential acute health effects   | 2   |                         |              |              |                        |                    |     |
| Eye contact  | : No known signific   | ant effects or cr       | itical hazaı | ds.          |                        |                    |     |
| Inhalation   | : No known signific   | ant effects or cr       | itical hazaı | ds.          |                        |                    |     |
| Skin contact   | : No known signific   | ant effects or cr       | itical hazaı | ds.          |                        |                    |     |
| Ingestion  | : No known signific   | ant effects or cr       | itical hazaı | ds.          |                        |                    |     |
|  |   |                         |              |              |                        |                    |     |
| Symptoms related to the phy  |   | toxicological c         | haracteris   | <u>itics</u> |                        |                    |     |
| Eye contact<br>Inhalation  | : No specific data.   |                         |              |              |                        |                    |     |
| Skin contact   | <ul><li>No specific data.</li><li>No specific data.</li></ul> |                         |              |              |                        |                    |     |
|  | •   |                         |              |              |                        |                    |     |
| Ingestion  | : No specific data.   |                         |              |              |                        |                    |     |
| Delayed and immediate effect   | ts as well as chronic   | <u>c effects from s</u> | short and    | long-tern    | <u>n exposure</u>      |                    |     |
| Short term exposure  |   |                         |              |              |                        |                    |     |
| Potential immediate effects  | : Not available.  |                         |              |              |                        |                    |     |
| Potential delayed effects  | : Not available.  |                         |              |              |                        |                    |     |
| Long term exposure   |   |                         |              |              |                        |                    |     |
| Potential immediate effects  | : Not available.  |                         |              |              |                        |                    |     |
| Potential delayed effects  | : Not available.  |                         |              |              |                        |                    |     |
| Potential chronic health eff   | <u>ects</u>   |                         |              |              |                        |                    |     |
| Not available.   |   |                         |              |              |                        |                    |     |
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## **SECTION 11: Toxicological information**

- Conclusion/Summary
- : Not available.
- General Carcinogenicity
- : No known significant effects or critical hazards.
- No known significant effects or critical hazards.No known significant effects or critical hazards.
- Mutagenicity Reproductive toxicity
- : No known significant effects or critical hazards.

## 11.2 Information on other hazards

### **11.2.1 Endocrine disrupting properties**

Not available.

## **11.2.2 Other information**

Not available.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

| Product/ingredient name      | Result   | Species  | Exposure                                     |
|------------------------------|--|--|--|
| 7,2-benzisothiazol-3(2H)-one | Acute EC50 0.36 mg/l Marine water<br>Acute EC50 3.7 mg/l<br>Acute LC50 1.9 mg/l Fresh water<br>Acute NOEC 0.15 mg/l Marine water | Algae - Skeletonema Costatum<br>Daphnia - Daphnia Magna<br>Fish - Onorhynchus Mykiss<br>Algae - Skeletonema Costatum | 72 hours<br>48 hours<br>96 hours<br>72 hours |
| Conclusion/Summary           | : Based on available data, the classification criteria are not met.  |  |  |

### 12.2 Persistence and degradability

| Product/ingredient name  | Test              | Result         |            | Dose | Inoculum         |
|--|-------------------|----------------|------------|------|------------------|
| 7,2-benzisothiazol-3(2H)-one   | EU                | 24 % - 28 days |            | -    | -                |
| <b>Conclusion/Summary</b> : This product has not been tested for biodegradation. |                   |                |            |      |                  |
| Product/ingredient name  | Aquatic half-life |                | Photolysis | 5    | Biodegradability |
| 7,2-benzisothiazol-3(2H)-one   | -                 |                | -          |      | Inherent         |

## 12.3 Bioaccumulative potential

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

# 12.4 Mobility in soil Soil/water partition coefficient (Koc) Mobility : Not available.

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## **12.6 Endocrine disrupting properties**

Not available.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

## **SECTION 13: Disposal considerations**

| 13.1 Waste treatment metho        | ods   |
|-----------------------------------|---|
| 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. |
| Hazardous waste                   | <ul> <li>Within the present knowledge of the supplier, this product is not regarded as<br/>hazardous waste, as defined by EU Directive 2008/98/EC.</li> </ul>   |
| 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. Transi                | nort information  |

|                                    | ADR/RID        | ADN            | IMDG           | IATA           |
|------------------------------------|----------------|----------------|----------------|----------------|
| 14.1 UN number<br>or ID number     | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| 14.2 UN proper shipping name       | -              | -              | -              | -              |
| 14.3 Transport<br>hazard class(es) | -              | -              | -              | -              |
| 14.4 Packing<br>group              | -              | -              | -              | -              |
| 14.5<br>Environmental<br>hazards   | No.            | No.            | No.            | No.            |

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in : Not relevant/applicable due to nature of the product. bulk according to IMO instruments

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

## Annex XIV - List of substances subject to authorisation

## **Annex XIV**

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

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| SECTION 15: Regula  | tory information   |
|---|--|
|   | n the manufacture, placing on the market and use of certain dangerous                        |
| substances, mixtures and a  | <u>irticles</u>  |
| Labelling   |  |
| Other EU regulations  |  |
| Industrial emissions<br>(integrated pollution<br>prevention and control) -<br>Air   | : Not listed   |
| Industrial emissions<br>(integrated pollution<br>prevention and control) -<br>Water | : Not listed   |
| Explosive precursors  | : Not applicable.  |
| Ozone depleting substance<br>Not listed.  | <u>es (1005/2009/EU)</u>   |
| Prior Informed Consent (P<br>Not listed.  | <u>IC) (649/2012/EU)</u>   |
| Persistent Organic Polluta<br>Not listed.   | <u>ints</u>  |
| Seveso Directive<br>This product is not controlle                                   | d under the Seveso Directive.  |
| National regulations  |  |
| International regulations   |  |
|   | ion List Schedules I, II & III Chemicals   |
| Not listed.   |  |
| Montreal Protocol<br>Not listed.  |  |
| Stockholm Convention on Not listed.   | Persistent Organic Pollutants  |
| Rotterdam Convention on F<br>Not listed.  | Prior Informed Consent (PIC)   |
| 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 i   | nformation   |

Indicates information that has changed from previously issued version.

|                               | that has changed from previously issued version.   |
|-------------------------------|--|
| Abbreviations and<br>acronyms | <ul> <li>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</li> </ul> |
|                               | vPvB = Very Persistent and Very Bioaccumulative  |
|                               |  |

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

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## **SECTION 16: Other information**

Not classified.

#### Full text of abbreviated H statements

| <mark>⊮</mark> 301 | 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.                                     |
| H400               | Very toxic to aquatic life.                           |
| H410               | Very toxic to aquatic life with long lasting effects. |
| H411               | Toxic to aquatic life with long lasting effects.      |
| EUH071             | Corrosive to the respiratory tract.                   |
| Full text of class | ifications [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  |   |
| Aquatic Chronic 2  | 2 LONG-TERM (CHRONIC) AQUATIC HAZARD - 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                      |

| SKIII SEIIS. IA S               | SKIN SENSITISATION - Calegory TA |  |
|---------------------------------|----------------------------------|--|
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|                                 |                                  |  |

#### Notice to reader

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.

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