# **SAFETY DATA SHEET**

Europe



Date of issue/Date of revision : 10 April 2024

Version

: 1.01

| SECTION 1: Ider<br>undertaking | ntification of the substance/mixture and of the company/ |
|--------------------------------|--|
| 1.1 Product identifier         |  |
| Product name                   | : FONTEFIRE WF   |
| Product code                   | : SDS-0066770  |
| Other means of ident           | lification   |
| SKU-00667700070                |  |
|                                |  |

| 1.2 Relevant identified uses of the substance or mixture and uses advised against |   |  |  |
|---|---|--|--|
| Product use   | : Industrial applications.  |  |  |
| Use of the substance/<br>mixture  | : Coating.  |  |  |
| Uses advised against  | : Product is not intended, labelled or packaged for consumer use. |  |  |

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

Tikkurila Oyj P.O. Box 53 FI-01301 VANTAA FINLAND Tel. +358 20 191 2000

e-mail address of person : Proc responsible for this SDS

: Product.Stewardship.EMEA@ppg.com

## 1.4 Emergency telephone number

**Supplier** 

Tikkurila Oyj +358 20 191 2000 (GMT +2) Mon-Fri 8-16

## **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 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

## 2.2 Label elements

Signal word

: No signal word.

English (GB)

Europe

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|---|---|--|
| SECTION 2: Hazards  | identification  |  |
| Hazard statements   | : No known significant effects or critical hazards.   |  |
| Prevention  | : Not applicable.   |  |
| Response  | : Not applicable.   |  |
| Storage   | : Not applicable.   |  |
| Disposal  | <ul> <li>Dispose of contents and container in accordance with all local, regional, national and<br/>international regulations.</li> <li>P501</li> </ul>   |  |
| Hazardous ingredients   | : Not applicable.   |  |
| Supplemental label<br>elements  | <ul> <li>Contains 1,2-benzisothiazol-3(2H)-one and reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.</li> <li>Safety data sheet available on request.</li> </ul> |  |
| Annex XVII - Restrictions<br>on the manufacture,<br>placing on the market and<br>use of certain dangerous<br>substances, mixtures and<br>articles | : Not applicable.   |  |
| Special packaging requirem  | nents   |  |
| Containers to be fitted<br>with child-resistant<br>fastenings   | : Not applicable.   |  |
| Tactile warning of danger   | : Not applicable.   |  |
| 2.3 Other hazards   |   |  |
| Product meets the criteria for PBT or vPvB  | : This mixture does not contain any substances that are assessed to be a PBT or a vP  |  |

: Contains a substance that may emit formaldehyde if stored beyond its shelf life and/or Other hazards which do during cure at curing temperatures greater than 60C/140F. not result in classification

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

## 3.2 Mixtures

## : Mixture

| Product/ingredient name   | Identifiers  | % by<br>weight | Classification  | Specific Conc.<br>Limits, M-factors<br>and ATEs  | Туре |
|---|--|----------------|---|--|------|
| 7,2-benzisothiazol-3(2H)-<br>one  | EC: 220-120-9<br>CAS: 2634-33-5<br>Index: 613-088-00-6           | <0.050         | 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 2, H411 | ATE [Oral] = 1020 mg/<br>kg<br>ATE [Inhalation (dusts<br>and mists)] = 0.4 mg/l<br>Skin Sens. 1, H317: C<br>≥ 0.05%<br>M [Acute] = 1 | [1]  |
| reaction mass of 5-chloro-<br>2-methyl-2H-isothiazol-<br>3-one and 2-methyl-2H-<br>isothiazol-3-one (3:1) | REACH #:<br>01-2120764691-48<br>EC: 911-418-6<br>CAS: 55965-84-9 | <0.0015        | Acute Tox. 3, H301<br>Acute Tox. 2, H310<br>Acute Tox. 2, H330<br>Skin Corr. 1C, H314   | ATE [Oral] = 53 mg/kg<br>ATE [Dermal] = 50 mg/<br>kg<br>ATE [Inhalation  |      |
| English (GB)  | ·  | ·              | Europe  |  | 2/13 |

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|---------|-----------------------|--------------------------------|-----------------|--|
| FONTEFI | RE WF                 |                                |                 |  |
| SECTIO  | ON 3: Composition/int | formation on ingredients       |                 |  |

| Index: 613-167-00-5 | Eye Dam. 1, H318        | (vapours)] = 0.5 mg/l |
|---------------------|-------------------------|-----------------------|
|                     | Skin Sens. 1A, H317     | Skin Corr. 1C, H314:  |
|                     | Aquatic Acute 1, H400   | C ≥ 0.6%              |
|                     | Aquatic Chronic 1, H410 | Skin Irrit. 2, H315:  |
|                     | EUH071                  | 0.06% ≤ C < 0.6%      |
|                     |                         | Eye Dam. 1, H318: C   |
|                     |                         | ≥ 0.6%                |
|                     |                         | Eye Irrit. 2, H319:   |
|                     |                         | 0.06% ≤ C < 0.6%      |
|                     |                         | Skin Sens. 1, H317: C |
|                     |                         | ≥ 0.0015%             |
|                     |                         | M [Acute] = 100       |
|                     |                         | M [Chronic] = 100     |
|                     | See Section 16 for      |                       |
|                     | the full text of the H  |                       |
|                     | statements declared     |                       |
|                     | 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.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

Occupational exposure limits, if available, are listed in Section 8.

### SUB codes represent substances without registered CAS Numbers.

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

## 4.1 Description of first aid measures

| 4.1 Description of first alu fi | leasures   |
|---------------------------------|--|
| Eye contact                     | : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.  |
| Inhalation                      | : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is<br>irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained<br>personnel. |
| Skin contact                    | : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water<br>or use recognised skin cleanser. Do NOT use solvents or thinners.  |
| Ingestion                       | : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.   |
| 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

| Potential acute health e | 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. |
| Over-exposure signs/s    | <u>ymptoms</u>                                      |
| Eye contact              | : No specific data.                                 |
| Inhalation               | : No specific data.                                 |
| Skin contact             | : No specific data.                                 |
| Ingestion                | : No specific data.                                 |
|                          |   |

English (GB)

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|--|--|--|--|
| SECTION 4: First aid                                       | l measures   |  |  |
| 4.3 Indication of any immedi                               | ate medical attention and special treatment needed   |  |  |
| Notes to physician   | : In case of inhalation of decomposition products in a fire, symptoms may be delayed.<br>The exposed person may need to be kept under medical surveillance for 48 hours. |  |  |
| Specific treatments  | : No specific treatment.   |  |  |
| SECTION 5: Firefigh  | ting measures  |  |  |
| 5.1 Extinguishing media<br>Suitable extinguishing<br>media | : Use an extinguishing agent suitable for the surrounding fire.  |  |  |
| Unsuitable extinguishing media                             | : None known.  |  |  |

| Hazards from the substance or mixture          | a fire or if heated, a pressure increase will occur and the container may burs  | st.      |
|--|---|----------|
| Hazardous combustion<br>products               | ecomposition products may include the following materials:<br>irbon oxides<br>trogen oxides<br>nosphorus oxides<br>etal oxide/oxides<br>ormaldehyde.  |          |
| 5.3 Advice for firefighters                    |   |          |
| Special precautions for<br>fire-fighters       | omptly isolate the scene by removing all persons from the vicinity of the incidence is a fire. No action shall be taken involving any personal risk or without sations.   |          |
| Special protective equipment for fire-fighters | re-fighters should wear appropriate protective equipment and self-contained<br>oparatus (SCBA) with a full face-piece operated in positive pressure mode. C<br>r fire-fighters (including helmets, protective boots and gloves) conforming to<br>andard EN 469 will provide a basic level of protection for chemical incidents. | Clothing |

## SECTION 6: Accidental release measures

| 6.1 Personal precautions, pro  | 6.1 Personal precautions, protective 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".  | n |  |  |
| 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. Dilute with water and mop up<br>if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and<br>place in an appropriate waste disposal container. Dispose of via a licensed waste<br>disposal contractor. |   |  |  |
| English (GB)                   | Europe 4/13  |   |  |  |

| Code : SDS-0<br>FONTEFIRE WF | 0066770          | Date of issue/Date of revision | : 10 April 2024   |
|------------------------------|------------------|--------------------------------|---|
| SECTION 6: Ac                | cidental release | measures                       |   |
| Large spill                  |                  |                                | illages into an effluent treatment<br>e with non-combustible,<br>maceous earth and place in |

| 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<br>Advice on general<br>occupational hygiene       | <ul> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>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.</li> </ul>  |
|--|---|
| 7.2 Conditions for safe<br>storage, including any<br>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)

See Section 1.2 for Identified uses.

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

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).

#### 8.1 Control parameters

#### **Occupational exposure limits**

No exposure limit value known.

**Recommended monitoring procedures** : 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**

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## SECTION 8: Exposure controls/personal protection

| Product/ingredient name  | Туре                                 | Exposure   | Value   | Population   | Effects                          |
|--|--------------------------------------|--|---|--|----------------------------------|
| 1,2-benzisothiazol-3(2H)-one<br>reaction mass of 5-chloro-                 | DNEL<br>DNEL<br>DNEL<br>DNEL<br>DNEL | Long term Dermal<br>Long term Dermal<br>Long term Inhalation<br>Long term Inhalation<br>Long term Inhalation | 0.345 mg/kg bw/day<br>0.966 mg/kg bw/day<br>1.2 mg/m <sup>3</sup><br>6.81 mg/m <sup>3</sup><br>0.02 mg/m <sup>3</sup> | General population<br>Workers<br>General population<br>Workers<br>General population | Systemic<br>Systemic<br>Systemic |
| 2-methyl-2H-isothiazol-3-one<br>and 2-methyl-2H-isothiazol-<br>3-one (3:1) |                                      |  |   |  |                                  |
|  | DNEL<br>DNEL<br>DNEL<br>DNEL<br>DNEL | Long term Inhalation<br>Short term Inhalation<br>Short term Inhalation<br>Long term Oral<br>Short term Oral  | 0.02 mg/m <sup>3</sup><br>0.04 mg/m <sup>3</sup><br>0.04 mg/m <sup>3</sup><br>0.09 mg/kg bw/day<br>0.11 mg/kg bw/day  | Workers<br>General population<br>Workers<br>General population<br>General population | Local<br>Systemic                |

**PNECs** 

PNECs - Not available.

| 8.2 Exposure controls            |   |            |
|----------------------------------|---|------------|
| Appropriate engineering controls | : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.  | Э          |
| Individual protection measured   | <u>IS</u>   |            |
| Hygiene measures                 | : Wash hands, forearms and face thoroughly after handling chemical products, before<br>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 satisfies showers are close to the workstation location.  | g.         |
| Eye/face protection              | : Safety glasses with side shields. Use eye protection according to EN 166.   |            |
| Skin protection                  |   |            |
| Hand protection                  | : Chemical-resistant, impervious gloves complying with an approved standard should worn at all times when handling chemical products if a risk assessment indicates the is necessary.   |            |
| Gloves                           | : nitrile rubber, butyl rubber, PVC, Viton®   |            |
| Body protection                  | : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist befor handling this product.  | ore        |
| Other skin protection            | Appropriate footwear and any additional skin protection measures should be select based on the task being performed and the risks involved and should be approved a specialist before handling this product.  |            |
| Respiratory protection           | : Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Wear a respirator conforming to EN140. Respirator selecti must be based on known or anticipated exposure levels, the hazards of the produc and the safe working limits of the selected respirator. Mask type: full-face mask h face mask Filter type: organic vapour filter (Type A) particulate filter P3 Use a properly fitted, air-purifying or air-fed respirator complying with an approved standa a risk assessment indicates this is necessary. | t<br>nalf- |
| Environmental exposure controls  | : Emissions from ventilation or work process equipment should be checked to ensur<br>they comply with the requirements of environmental protection legislation. In some<br>cases, fume scrubbers, filters or engineering modifications to the process equipme<br>will be necessary to reduce emissions to acceptable levels.  | ;          |

| English (GB) | Europe |
|--------------|--------|
| • • •        | -      |

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| FONTEFIRE | WF            |                                |                 |

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

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

| <u>Appearance</u>                               |     |  |      |                |                            |  |
|---|-----|--|------|----------------|----------------------------|--|
| Physical state                                  | 1   | Liquid.  |      |                |                            |  |
| Colour  | :   | Beige.   |      |                |                            |  |
| Odour   | :   | Characteristic.  |      |                |                            |  |
| Odour threshold                                 | 1   | Not available.   |      |                |                            |  |
| Melting point/freezing point                    | :   | May start to solidify at the follow for the following ingredient: water  |      | rature: 0°C (3 | 32°F) This is based on dat |  |
| Initial boiling point and<br>boiling range      | :   | >37.78°C   |      |                |                            |  |
| Flammability                                    | :   | Not available.   |      |                |                            |  |
| Upper/lower flammability or<br>explosive limits | -   | Not available.   |      |                |                            |  |
| Flash point                                     | :   | Closed cup: Not applicable.  |      |                |                            |  |
| Auto-ignition temperature                       | :   |  |      |                |                            |  |
|   |     | Ingredient name  | °C   | °F             | Method                     |  |
|   |     |  | >400 | >752           | EU A.16                    |  |
|   |     | 2,2,2',2'-tetrakis(hydroxymethyl)-3,3'-<br>oxydipropan-1-ol  |      |                |                            |  |
| Decomposition temperature                       | :   | oxydipropan-1-ol<br>Stable under recommended sto   |      |                | litions (see Section 7).   |  |
| Decomposition temperature<br>pH                 | :   | oxydipropan-1-ol   |      |                | litions (see Section 7).   |  |
|   | :   | oxydipropan-1-ol<br>Stable under recommended sto   |      |                | litions (see Section 7).   |  |
| рН  |     | oxydipropan-1-ol<br>Stable under recommended sto<br>Not available.   |      |                | litions (see Section 7).   |  |
| pH<br>Viscosity                                 | : : | oxydipropan-1-ol<br>Stable under recommended sto<br>Not available.   |      |                | litions (see Section 7).   |  |
| pH<br>Viscosity<br>Solubility(ies)              | : : | oxydipropan-1-ol<br>Stable under recommended sto<br>Not available.<br>Kinematic (40°C): >21 mm²/s  |      |                | litions (see Section 7).   |  |
| pH<br>Viscosity<br>Solubility(ies)<br>Media     | ::  | oxydipropan-1-ol         Stable under recommended stor         Not available.         Kinematic (40°C): >21 mm²/s         Result         Partially soluble |      |                | litions (see Section 7).   |  |

: Product does not present an oxidizing hazard.

|                 | Vapour Pressure at 20°C |     |        | Vapour pressure at 50° |     |        |
|-----------------|-------------------------|-----|--------|------------------------|-----|--------|
| Ingredient name | mm Hg                   | kPa | Method | mm<br>Hg               | kPa | Method |
| water           | 17.5                    | 2.3 |        |                        |     |        |

Evaporation rate Relative density Explosive properties Not available.

: 1.24

**pperties** : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.

: Not applicable.

Oxidising properties Particle characteristics

Median particle size

9.2 Other information

No additional information.

| English (G | B) |
|------------|----|

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| FONTEFIRE | WF            |                                |                 |

## **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<br>hazardous reactions | : | Under normal conditions of storage and use, hazardous reactions will not occur.   |
| 10.4 Conditions to avoid                   | : | When exposed to high temperatures may produce hazardous decomposition products.<br>Refer to protective measures listed in sections 7 and 8.                           |
| 10.5 Incompatible materials                | : | Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.  |
| 10.6 Hazardous<br>decomposition products   | : | Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides phosphorus oxides Formaldehyde. metal oxide/oxides |

## **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)-one  | LC50 Inhalation Dusts and mists | Rat       | 0.4 mg/l   | 4 hours  |
|   | LD50 Oral                       | Rat       | 1020 mg/kg | -        |
| reaction mass of 5-chloro-2-methyl-2H-<br>isothiazol-3-one and 2-methyl-2H-<br>isothiazol-3-one (3:1) | LD50 Oral Rat                   | 53 mg/kg  | -          |          |
| <b>Conclusion/Summary</b> : There are   | no data available on the mixtur | e itself. |            |          |

## Irritation/Corrosion

| <b>Conclusion/Summary</b> |  |
|---------------------------|--|
| Skin                      | : There are no data available on the mixture itself. |
| Eyes                      | : There are no data available on the mixture itself. |
| Respiratory               | : There are no data available on the mixture itself. |
| Sensitisation             |  |

| Product/ingredient name      | Route of exposure | Species    | Result      |
|------------------------------|-------------------|------------|-------------|
| ✓,2-benzisothiazol-3(2H)-one | skin              | Guinea pig | Sensitising |

| Conclusion/Summary        |  |  |
|---------------------------|--|--|
| Skin                      | : There are no data available on the mixture itself. |  |
| Respiratory               | : There are no data available on the mixture itself. |  |
| Mutagenicity              |  |  |
| <b>Conclusion/Summary</b> | : There are no data available on the mixture itself. |  |
| <b>Carcinogenicity</b>    |  |  |
| <b>Conclusion/Summary</b> | : There are no data available on the mixture itself. |  |
| Reproductive toxicity     |  |  |
| <b>Conclusion/Summary</b> | : There are no data available on the mixture itself. |  |
|                           |  |  |

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

| 2020/878                                    |   |
|---|---|
| Code : SDS-0066770                          | Date of issue/Date of revision : 10 April 2024  |
| FONTEFIRE WF                                |   |
| <b>SECTION 11: Toxico</b>                   | logical information   |
| Teratogenicity                              |   |
| Conclusion/Summary                          | : There are no data available on the mixture itself.  |
| Information on likely<br>routes of exposure | : Not available.  |
| Potential acute health effect               | <u>ts</u>   |
| Inhalation                                  | : No known significant effects or critical hazards.   |
| Ingestion                                   | : No known significant effects or critical hazards.   |
| Skin contact                                | : No known significant effects or critical hazards.   |
| Eye contact                                 | : No known significant effects or critical hazards.   |
| Symptoms related to the ph                  | ysical, chemical and toxicological characteristics  |
| Inhalation                                  | : No specific data.   |
| Ingestion                                   | : No specific data.   |
| Skin contact                                | : No specific data.   |
| Eye contact                                 | : No specific data.   |
| Delayed and immediate effe                  | ects 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.  |
| <u>Long term exposure</u>                   |   |
| Potential immediate<br>effects              | : Not available.  |
| Potential delayed effects                   | : Not available.  |
| Potential chronic health effe               | <u>ects</u>   |
| Not available.                              |   |
| Conclusion/Summary                          | : 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.   |
| Other information                           | : Not available.  |
|   | ay cause allergic reaction. Contains a substance that may emit formaldehyde if stored ring cure at curing temperatures greater than 60C/140F. |
| 11.2 Information on other has               | zards   |
| 44.0 4 Enderstein die St                    |   |

## 11.2.1 Endocrine disrupting properties

Not available.

## **11.2.2 Other information**

Not available.

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|-----------|---------------|--------------------------------|-----------------|
| FONTEFIRE | WF            |                                |                 |

## **SECTION 12: Ecological information**

## **12.1 Toxicity**

| Product/ingredient name      | Result                   | Species | Exposure |
|------------------------------|--------------------------|---------|----------|
| 7,2-benzisothiazol-3(2H)-one | Acute EC50 0.11 mg/l     | Algae   | 72 hours |
|                              | Acute EC50 2.9 mg/l      | Daphnia | 48 hours |
|                              | Acute LC50 2.15 mg/l     | Fish    | 96 hours |
|                              | Chronic NOEC 0.0403 mg/l | Algae   | 72 hours |

**Conclusion/Summary** 

: There are no data available on the mixture itself.

#### 12.2 Persistence and degradability

| Conclusion/Summary | : There are no data available on the mixture itself. |
|--------------------|--|
|--------------------|--|

| Product/ingredient name     | Aquatic half-life | Photolysis | Biodegradability |
|-----------------------------|-------------------|------------|------------------|
| 72-benzisothiazol-3(2H)-one | -                 | -          | Readily          |

#### 12.3 Bioaccumulative potential

| Product/ingredient name     | LogPow | BCF | Potential |
|-----------------------------|--------|-----|-----------|
| 72-benzisothiazol-3(2H)-one | 0.7    | -   | Low       |

#### 12.4 Mobility in soil Soil/water partition Not available

| oon mater partition | · Not available. |
|---------------------|------------------|
| 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

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).

| 13.1 Waste treatment meth<br>Product | nods  |
|--------------------------------------|---|
| Methods of disposal                  | : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. |
| Hazardous waste                      | : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.   |
|                                      |   |

| English (GB) | Europe | 10/13 |
|--------------|--------|-------|
|--------------|--------|-------|

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|-----------|---------------|--------------------------------|-----------------|
| FONTEFIRE | WF            |                                |                 |

## **SECTION 13: Disposal considerations**

| European waste catalogue (EWC)   |  |  |
|--|--|--|
| Waste code   | Waste designation  |  |
| 08 01 12   | waste paint and varnish other than those mentioned in 08 01 11   |  |
| Packaging  |  |  |
| Methods of disposal  | <ul> <li>The generation of waste should be avoided or minimised wherever possible. Waste<br/>packaging should be recycled. Incineration or landfill should only be considered when<br/>recycling is not feasible.</li> </ul> |  |
| Type of packaging  | European waste catalogue (EWC)   |  |
| Container  | 15 01 06 mixed packaging   |  |
| Special precautions : This material and its container must be disposed of in a safe way. Empty container liners may retain some product residues. Avoid dispersal of spilt material and run and contact with soil, waterways, drains and sewers. |  |  |

## 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              | -               | -               | -               | -               |
| 14.5<br>Environmental<br>hazards   | No.             | No.             | No.             | No.             |
| Marine pollutant<br>substances     | Not applicable. | Not applicable. | Not applicable. | Not applicable. |

## **Additional information**

| ADR/RID | : None identified. |
|---------|--------------------|
| ADN     | : None identified. |
| IMDG    | : None identified. |
| ΙΑΤΑ    | : None identified. |

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 bulk according to IMO instruments

: Not applicable.

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|----------|---------------|--------------------------------|-----------------|--|
| FONTEFIR | EWF           |                                |                 |  |

## **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.  |
| Annex XVII - Restrictions : Not applicable.<br>on the manufacture,<br>placing on the market<br>and use of certain<br>dangerous substances,<br>mixtures and articles |
| Explosive precursors : Not applicable.  |
| Ozone depleting substances (1005/2009/EU)<br>Not listed.  |
| Seveso Directive  |
| This product is not controlled under the Seveso Directive.  |
| <b>Biocidal products regulation</b> : Contains a biocidal product; C(M)IT/MIT (3:1)   |
| <b>15.2 Chemical safety</b> : No Chemical Safety Assessment has been carried out.   |

assessment

## **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

### Abbreviations and acronyms

ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number PBT = Persistent, Bioaccumulative and Toxic vPvB = Very Persistent and Very Bioaccumulative ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

IMDG = International Maritime Dangerous Goods

IATA = International Air Transport Association

#### Full text of abbreviated H statements

| English (GB) | Europe  | 12/13 |
|--------------|---|-------|
| H411         | Toxic to aquatic life with long lasting effects.      |       |
| H410         | Very toxic to aquatic life with long lasting effects. |       |
| H400         | Very toxic to aquatic life.                           |       |
| H330         | Fatal if inhaled.                                     |       |
| H318         | Causes serious eye damage.                            |       |
| H317         | May cause an allergic skin reaction.                  |       |
| H315         | Causes skin irritation.                               |       |
| H314         | Causes severe skin burns and eye damage.              |       |
| H310         | Fatal in contact with skin.                           |       |
| H302         | Harmful if swallowed.                                 |       |
| H301         | Toxic if swallowed.                                   |       |

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|--|--|--|
| <b>SECTION 16: Other information</b>   |  |  |
| EUH071                                 | Corrosive to the respiratory tract.            |  |
| Full text of classifications [CLP/GHS] |  |  |
| Acute Tox. 2                           | ACUTE TOXICITY - Category 2                    |  |

| Acute TUX. 2      | ACOTE TOAICITT - Calegory 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 |  |
| Aquatic Chronic 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                |  |
|                   |   |  |

| History |
|---------|
|         |

| Date of issue/ Date of revision | : 10 April 2024   |
|---------------------------------|-------------------|
| Date of previous issue          | : 12 January 2024 |
| Prepared by                     | : EHS             |
| Version                         | : 1.01            |

#### **Disclaimer**

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