

Version 1, EU-EN – 21-Aug-2023



# SAFETY DATA SHEET

WAR PAINT FANATIC

Safety data sheet according to European Parliament and Council Regulation (EC) No. 1907/2006 (REACH) and Commission Regulation (EU) 2020/878.

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

|                |                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
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| 1.1            | Product identifier                                                                                                                                                                                      | Product name<br>War Paint Fanatic;<br>WPF;<br>WP3002-WP3162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | UFI<br>T630-40ST-F00Y-A60U |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
| 1.2            | Relevant identified uses of the substance or mixture and uses advised against                                                                                                                           | Relevant uses<br>For consumer and professional use [SU 21, SU 22].<br>PC-ART-1: Artists', craft and hobby paints.<br><br>Uses advised against<br>For cosmetic applications and other uses, where the product remains on the skin, for example moisturizer and face paint for children.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
| 1.3            | Details of the supplier of the safety data sheet                                                                                                                                                        | The Army Painter ApS<br>Christiansmindevej 12<br>DK-8660 Skanderborg<br>Denmark<br>Phone: +45 28911656<br>contact@thearmypainter.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
| 1.4            | Emergency telephone number                                                                                                                                                                              | <table><tr><td>Austria</td><td>VIZ's emergency helpline +43 1 406 43 43</td></tr><tr><td>Belgium</td><td>070 245 245 (24/7 service, free of charge)</td></tr><tr><td>Bulgaria</td><td>+359 2 9154 233 (24/7 service, free of charge)</td></tr><tr><td>Croatia</td><td>+3851 2348 342 in Croatian and English (24/7 service, free of charge)</td></tr><tr><td>Cyprus</td><td>1401</td></tr><tr><td>Czech Republic</td><td>+420 224 919 293, +420 224 915 402</td></tr><tr><td>Denmark</td><td>Danish Poison Center (Giftlinjen): +45 8212 1212</td></tr><tr><td>Estonia</td><td>Poison information telephone number is nationally 16662, calling from abroad (+372) 7943 794</td></tr><tr><td>Finland</td><td>0800 147 111 (24/7 service, free of charge)</td></tr><tr><td>France</td><td>ORFILA number (INRS): + 33 (0)1 45 42 59 59 (24/7 service, free of charge)</td></tr><tr><td>Germany</td><td>-</td></tr><tr><td>Greece</td><td>(0030) 2107793777</td></tr><tr><td>Hungary</td><td>+36-80-201-199 (24/7 service, free of charge)</td></tr><tr><td>Iceland</td><td>543 2222, 543 1000 (24/7 service)</td></tr><tr><td>Ireland</td><td>01 809 2566 (for healthcare professionals, 24/7 service)<br/>01 809 2166 (public, 8 am to 10 pm)</td></tr><tr><td>Italy</td><td>0382-24444 (CAV National Centre for Toxicological Information)</td></tr><tr><td>Latvia</td><td>Toxicology and Sepsis Clinic Poisoning and Drug Information Center, Hipokrāta 2, Rīga, Latvia, LV-1038, Hipokrāta 2, Rīga, Latvija, LV-1038, phone number +371 67042473. Service is available 24 hours.</td></tr></table> |                            | Austria | VIZ's emergency helpline +43 1 406 43 43 | Belgium | 070 245 245 (24/7 service, free of charge) | Bulgaria | +359 2 9154 233 (24/7 service, free of charge) | Croatia | +3851 2348 342 in Croatian and English (24/7 service, free of charge) | Cyprus | 1401 | Czech Republic | +420 224 919 293, +420 224 915 402 | Denmark | Danish Poison Center (Giftlinjen): +45 8212 1212 | Estonia | Poison information telephone number is nationally 16662, calling from abroad (+372) 7943 794 | Finland | 0800 147 111 (24/7 service, free of charge) | France | ORFILA number (INRS): + 33 (0)1 45 42 59 59 (24/7 service, free of charge) | Germany | - | Greece | (0030) 2107793777 | Hungary | +36-80-201-199 (24/7 service, free of charge) | Iceland | 543 2222, 543 1000 (24/7 service) | Ireland | 01 809 2566 (for healthcare professionals, 24/7 service)<br>01 809 2166 (public, 8 am to 10 pm) | Italy | 0382-24444 (CAV National Centre for Toxicological Information) | Latvia | Toxicology and Sepsis Clinic Poisoning and Drug Information Center, Hipokrāta 2, Rīga, Latvia, LV-1038, Hipokrāta 2, Rīga, Latvija, LV-1038, phone number +371 67042473. Service is available 24 hours. |
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| Belgium        | 070 245 245 (24/7 service, free of charge)                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
| Bulgaria       | +359 2 9154 233 (24/7 service, free of charge)                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
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| Cyprus         | 1401                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
| Czech Republic | +420 224 919 293, +420 224 915 402                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
| Denmark        | Danish Poison Center (Giftlinjen): +45 8212 1212                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
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| Germany        | -                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
| Greece         | (0030) 2107793777                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            |         |                                          |         |                                            |          |                                                |         |                                                                       |        |      |                |                                    |         |                                                  |         |                                                                                              |         |                                             |        |                                                                            |         |   |        |                   |         |                                               |         |                                   |         |                                                                                                 |       |                                                                |        |                                                                                                                                                                                                         |
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|                        |                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Lithuania</i>       | +370 (85) 2362052                                                                                                                                                                                         |
| <i>Luxembourg</i>      | (+352) 8002 5500 Free telephone number with a 24/7 access. Experts answer all urgency questions on dangerous products in French, Dutch and English.                                                       |
| <i>The Netherlands</i> | NVIC: +31 (0)88 755 8000: Only for the purpose of informing medical personnel in case of acute intoxications.                                                                                             |
| <i>Norway</i>          | +47 22 59 13 00                                                                                                                                                                                           |
| <i>Poland</i>          | 112                                                                                                                                                                                                       |
| <i>Portugal</i>        | Portugal CIAV phone number: +351 800 250 250                                                                                                                                                              |
| <i>Romania</i>         | +40213183606                                                                                                                                                                                              |
| <i>Slovakia</i>        | +421 2 5477 4166                                                                                                                                                                                          |
| <i>Slovenia</i>        | 112                                                                                                                                                                                                       |
| <i>Spain</i>           | National Emergency Telephone Number of Spanish Poison Centre: + 34 91 562 04 20 The information will be provided in Spanish (available 24h/365 days): health personnel & general public (poisoning cases) |
| <i>Sweden</i>          | 112 – ask for Poisons Information                                                                                                                                                                         |
| <i>United Kingdom</i>  | 18001 111 (UK NHS 111, 24 h-service)<br>0344 892 0111 (UK NPIS, for health professionals only)                                                                                                            |

## SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture** Classification of this product has been carried out in accordance with Regulation (EC) No 1272/2008 [CLP].

Skin Sens. 1A, H317  
Eye Irrit. 2, H319

**2.2 Label elements** **Labelling according to Regulation (EC) No 1272/2008 [CLP]:**



**Signal words**  
Warning.

**Hazard statements**  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.

**Precautionary statements**  
P280: Wear protective gloves.  
P302 + P352: IF ON SKIN: Wash with plenty of water.  
P501: Dispose of contents according to local regulations.

**Additional hazard information**  
Contains: octhilinone, 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

**2.3 Other hazards** This product contains no components considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

**3.1 Substances** Not relevant as the product is a mixture.

**3.2 Mixtures** Aqueous mixture composed of additives, aggregates, pigments and resins.

In accordance with Annex II, section 3 of Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), the product contains the following regulated components:

| Component                                                                                      | Identifiers                                                                             | % (v/v)  | Classification                                                                                                                                                                                                                                                                                                                     | Note         |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1,2-Benzisothiazol-(2H)-one                                                                    | CAS: 2634-33-5<br>EC: 220-120-9<br>REACH: 01-2120761540-60-XXXX<br>Index: 613-088-00-6  | <0.05%   | Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317 (SCL: 0.05 %)<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=1)                                                                                                                                                                                                   | <sup>A</sup> |
| Octhilinone (ISO)                                                                              | CAS: 26530-20-1<br>EC: 247-761-7<br>REACH: 01-2120768921-45-XXXX<br>Index: 613-112-00-5 | <0.02%   | Skin Sens. 1A, H317 (SCL : 0.0015 %)<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100)                                                                                                                                                                                                                           | <sup>A</sup> |
| Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | CAS: 55965-84-9<br>EC: 911-418-6<br>REACH: -<br>Index: 613-167-00-5                     | <0.0015% | EUH071<br>Acute Tox. 3, H301<br>Acute Tox. 2, H310<br>Skin Corr. 1C, H314 (SCL: 0.60 %)<br>Skin Irrit. 2, H315 (SCL: 0.06 %)<br>Skin Sens. 1A, H317 (SCL: 0.0015 %)<br>Eye Dam. 1, H318 (SCL: 0.6 %)<br>Eye Irrit. 2, H319 (SCL: 0.06 %)<br>Acute Tox. 2, H330<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100) | <sup>A</sup> |

- <sup>A</sup> The substance is classified as a physical, health or environmental hazard  
<sup>B</sup> The substance has an occupational limit value  
<sup>C</sup> The substance meets the criteria for PBT or vPvB according to EC No. 1907/2006, Annex XIII  
<sup>D</sup> The substance appears on the EU candidate list of particularly problematic substances

Additional information:  
For full text of H- and EUH-statements, see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures



The symptoms of a poisoning may appear long after exposure. Therefore, in case of doubt about direct exposure to the product or in case of continued malaise, seek medical attention immediately and present the product safety data sheet.

Note: Individuals with pre-existing respiratory conditions, skin sensitivities, or known allergies may be more susceptible to adverse effects. If symptoms persist or worsen, seek medical attention.

#### In case of inhalation

The affected person should be removed from the exposure area and have fresh air. Seek medical attention if symptoms worsen or persist.

#### In case of ingestion

If swallowed, rinse mouth thoroughly with water. Do not induce vomiting if the person is unconscious. In case of natural vomiting, the person should lean forward to reduce the risk of suffocation - continue rinsing with water.

#### In case of contact with skin

In case of contact, it is recommended to clean the affected area with water and neutral soap. DO NOT use solvents or thinners. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. If skin irritation occurs: Get medical advice/attention.

#### In case of contact with eyes

Rinse eyes with plenty of lukewarm water or saline water, and avoid rubbing or closing the affected person's eyes. In case the affected person wears contact lenses, they should be removed unless they are glued to the eyes. Seek medical assistance and continue flushing during transport.

#### In case of burns

Not applicable.

**4.2 Most important symptoms and effects, both acute and delayed****Acute effects**

Direct contact with the skin may cause mild irritation, such as redness or itching. In already sensitized individuals, the product may result in allergic contact dermatitis derived from isothiazolinones exposure. Inhalation of excessive amounts of vapor or aerosol may cause respiratory irritation, such as coughing, sneezing, or shortness of breath.

**Delayed effects**

Prolonged or repeated exposure to high concentrations of vapor or aerosol may cause respiratory sensitization or respiratory disorders. Prolonged or repeated skin contact may result in dermatitis or sensitization in susceptible individuals.

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

Contact a doctor or emergency room immediately if large amounts have been ingested or inhaled. It is important to provide medical personnel with all relevant information, including the specific product name, ingredients, and concentration, for appropriate treatment.

**Notes for the doctor**

Treatment should be symptomatic.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam, carbon dioxide, powder, water mist.

**Unsuitable extinguishing media**

Waterjets should not be used, since they may spread the fire.

**5.2 Special hazards arising from the substance or mixture**

Acrylic paint is combustible and can burn if exposed to an open flame or other ignition sources. Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

**Hazardous combustion products**

Carbon monoxide, carbon dioxide, nitrogen oxides, and various hydrocarbons may be formed in case of fire.

**5.3 Advice for firefighters**

Firefighters should wear full protective clothing and self-contained breathing apparatus (SCBA) in a positive pressure mode. Use appropriate extinguishing media such as carbon dioxide, dry chemical, or foam to extinguish fires involving acrylic paint.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Absorb or adsorb the spillage using an oleophilic sorbent (e.g. sand), and place it in a container for recycling or disposal.

**For emergency responders**

In the event of large-scale unintentional release, the area must be evacuated with the exception of required personnel. In case of smoke development: Stand on the windward side, avoid low-lying areas and ventilate closed areas before re-entering. Wear suitable personal protective equipment (see Section 8, if applicable).

**6.2 Environmental precautions**

Dispose of spills and the resulting waste in accordance with applicable environmental regulations. The product and the resulting waste must not be discharged into sewers, soil, surface or ground water. Notify the respective authorities in accordance with local legislation in the event of a major release.

**6.3 Methods and material for containment and cleaning up****For containment**

Prevent the product from entering sewers or waterways by covering drains or placing barriers. Stop the discharge if it is safe to do so. Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in suitable container for disposal, according to local regulations.

**For cleaning up**

Scrub the spill area with detergent and water; collect all contaminated wash water for proper disposal. Avoid use of solvents.

**Other information**

Ventilate and wash the spill site thoroughly. Wear appropriate personal protective equipment.

**6.4 Reference to other sections**

For more information, see Sections 8 (protective equipment) and 13 (disposal).

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Technical measures**

Handle the product in a clean environment free of dirt and dust. Avoid contamination with incompatible materials. When the product is handled for longer periods, suitable personal protective equipment, e.g. gloves, must be used. Protect the product from physical damage; avoid pulling, rolling, sliding or dropping the product. Do not remove or deface labels provided by the supplier to identify the contents. Ensure adequate ventilation.

See Section 10 for conditions and materials that should be avoided.

**Measures to prevent fire**

None identified. The product is not flammable.

**Measures to prevent aerosol and dust generation**

None identified. The product is a liquid.

**Measures to protect the environment**

The product should preferably be handled in a contained area and away from drains and sewers. It is recommended to have a sewer cover and absorbent material available near the product.

**Advice on general occupational hygiene**

Do not eat or drink while handling the product. Wash hands with soap and water after use. Avoid contact with food.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Store dry in tightly closed containers protected from sunlight. Store at below 25 °C. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

**Packaging material**

The product should preferably be kept in its original packaging. Always store in containers of the same material as the original container.

**Requirements for storage rooms and vessels**

No requirements identified.

**Storage class**

Not regulated for storage.

**7.3 Specific end use(s)**

This product should only be used for the relevant uses quoted in Section 1.2.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational Exposure Limits (OEL)**

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

**DN(M)EL**

See table on the next page.

| Route                                           | Workers |          |         |                               | General population |          |         |                              |
|-------------------------------------------------|---------|----------|---------|-------------------------------|--------------------|----------|---------|------------------------------|
|                                                 | Acute   |          | Chronic |                               | Acute              |          | Chronic |                              |
|                                                 | Local   | Systemic | Local   | Systemic                      | Local              | Systemic | Local   | Systemic                     |
| 1,2-Benzisothiazol-(2H)-one (CAS no. 2634-33-5) |         |          |         |                               |                    |          |         |                              |
| Oral                                            |         |          |         |                               |                    | -        |         | -                            |
| Inhalation                                      | -       | -        | -       | 6.81 mg/m <sup>3</sup> (DNEL) | -                  | -        | -       | 1.2 mg/m <sup>3</sup> (DNEL) |
| Dermal                                          | -       | -        | -       | 0.966 mg/kg bw/day (DNEL)     | -                  | -        | -       | 0.345 mg/kg bw/day (DNEL)    |

**PNEC**

| Hazard for the environment                      | PNEC                             |
|-------------------------------------------------|----------------------------------|
| 1,2-Benzisothiazol-(2H)-one (CAS no. 2634-33-5) |                                  |
| Freshwater                                      | 4.03 µg/L                        |
| Intermittent releases (freshwater)              | 1.1 µg/L                         |
| Marine water                                    | 403 ng/L                         |
| Intermittent releases (marine water)            | 110 ng/L                         |
| Sewage treatment plant                          | 1.03 mg/L                        |
| Sediment (freshwater)                           | 49.9 µg/kg sediment dw           |
| Sediment (marine water)                         | 4.99 µg/kg sediment dw           |
| Air                                             | No hazard identified             |
| Soil (terrestrial organisms)                    | 3 mg/kg soil dw                  |
| Secondary poisoning (predators)                 | No potential for bioaccumulation |
| Othililone (CAS no. 26530-20-1)                 |                                  |
| Freshwater                                      | 2.2 µg/L                         |
| Intermittent releases (freshwater)              | 1.22 µg/L                        |
| Marine water                                    | 220 ng/L                         |
| Intermittent releases (marine water)            | 122 ng/L                         |
| Sewage treatment plant                          | No hazard identified             |
| Sediment (freshwater)                           | 47.5 µg/kg sediment dw           |
| Sediment (marine water)                         | 4.75 µg/kg sediment dw           |
| Air                                             | No hazard identified             |
| Soil (terrestrial organisms)                    | 8.2 mg/kg soil dw                |
| Secondary poisoning (predators)                 | No potential for bioaccumulation |

**8.2 Exposure controls****Appropriate engineering controls**

Apply standard precautions during use of the product. Avoid inhalation of vapours. In between use of the product and at the end of the working day, all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using the toilet. Remove soiled clothing immediately and wash thoroughly before reuse.

**Personal protection equipment**

In accordance with Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work, it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits.

Personal protective equipment should have CE marking in accordance with Directive 2016/425/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection, etc.) consult the information leaflet provided by the manufacturer. For additional information, see Section 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

| Pictogram                                                                         | Equipment                                                                       | Marking                                                                           | CEN standards                   | Remarks                                                                                                                   |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
|  | Nitrile or neoprene gloves<br>Thickness: >0.4 mm<br>Breakthrough time: >480 min |  | EN ISO 21420:2020               | Replace the gloves at any sign of deterioration                                                                           |
|  | Panoramic glasses against splash/projections.                                   |  | EN 166:2002<br>EN ISO 4007:2018 | Use if there is a risk of splashing. Clean daily and disinfect periodically according to the manufacturer's instructions. |

**Environmental exposure controls**  
No specific requirements.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Physical and chemical properties

|                                             |                             |
|---------------------------------------------|-----------------------------|
| (a) Physical state:                         | Liquid                      |
| (b) Colour:                                 | Miscellaneous               |
| (c) Odour:                                  | Not determined              |
| (d) Melting point/freezing point:           | Not determined              |
| (e) Boiling point:                          | Not determined              |
| (f) Flammability:                           | Not applicable              |
| (g) Lower and upper explosion limit:        | Not determined              |
| (h) Flash point:                            | > 60 °C                     |
| (i) Auto-ignition temperature:              | Not determined              |
| (j) Decomposition temperature:              | > 150 °C                    |
| (k) pH:                                     | Not determined              |
| (l) Kinematic viscosity:                    | Not determined              |
| (m) Solubility:                             | Water miscible              |
| (n) Partition coefficient: n-octanol/water: | Not applicable for mixtures |
| (o) Vapour pressure:                        | Not determined              |
| (p) Density:                                | Not determined              |
| (q) Relative vapour density:                | Not determined              |
| (r) Particle characteristics:               | Not applicable for liquids  |

### 9.2 Other information

#### Information with regard to physical hazard classes

|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| (s) Explosive properties: | The mixture is not classified as explosive.           |
| (t) Oxidising properties: | The mixture is not classified as oxidizing.           |
| (u) Corrosive to metals:  | The mixture is not classified as corrosive to metals. |

**Other safety characteristics**  
No other relevant safety characteristics.

## SECTION 10: Stability and reactivity

|                                                |                                                                                                                                                                   |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>10.1 Reactivity</b>                         | Dangerous reactions are not expected if the technical instructions for storage of chemical substances are observed. See Section 7.                                |
| <b>10.2 Chemical stability</b>                 | The product is stable under normal temperature and general working conditions.                                                                                    |
| <b>10.3 Possibility of hazardous reactions</b> | The product can react violently with strong bases, acids and oxidizing agents.                                                                                    |
| <b>10.4 Conditions to avoid</b>                | Avoid exposure to temperatures above the flash point of the paint, as it may increase the risk of ignition and fire.                                              |
| <b>10.5 Incompatible materials</b>             | Avoid contact with strong reducing agents, acids, alkalis, sulfur, chlorates, chlorides, chromates, nitrites and permanganates.                                   |
| <b>10.6 Hazardous decomposition products</b>   | Under normal storage conditions (Section 7.2) and use (Section 1.2), no dangerous decomposition products are produced. Depending on the decomposition conditions, |

complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

## SECTION 11: Toxicological information

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

#### Acute toxicity

Based on available data, the classification criteria are not met.

| Oral (LD <sub>50</sub> )                                                                                            | Inhalation (LC <sub>50</sub> ) | Dermal (LD <sub>50</sub> ) |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|
| 1,2-Benzisothiazol-(2H)-one (CAS no. 2634-33-5)                                                                     |                                |                            |
| 597 mg/kg bw (rat)                                                                                                  | No data                        | >2000 mg/L (rat)           |
| Othtilinone (CAS no. 26530-20-1)                                                                                    |                                |                            |
| 125 mg/kg bw (rat)                                                                                                  | -                              | 311 mg/kg bw (rat)         |
| Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS no. 55965-84-9) |                                |                            |
| 49.6-75 mg/kg bw (rat)                                                                                              | 49.6-75 mg/kg bw (rat)         | 49.6-75 mg/kg bw (rat)     |

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

| Species                                                                                                             | Exposure route | Time | Test     | Results     |
|---------------------------------------------------------------------------------------------------------------------|----------------|------|----------|-------------|
| 1,2-Benzisothiazol-(2H)-one (CAS no. 2634-33-5)                                                                     |                |      |          |             |
| Guinea pig                                                                                                          | Skin           | -    | OECD 406 | Sensitising |
| Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS no. 55965-84-9) |                |      |          |             |
| Guinea pig                                                                                                          | Skin           | -    | OECD 406 | Sensitising |

#### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

None known.

#### Other information

None known.

## SECTION 12: Ecological information

### 12.1 Toxicity

| Results                                                                 |                                              |
|-------------------------------------------------------------------------|----------------------------------------------|
| 1,2-Benzisothiazol-(2H)-one (CAS no. 2634-33-5)                         |                                              |
| <b>Short-term toxicity to fish</b><br>LC <sub>50</sub> (96 h) 0.74 mg/L | <b>Long-term toxicity to fish</b><br>Unknown |

|                                                                                                                     |                                                               |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>Short-term toxicity to aquatic invertebrates</b><br>EC <sub>50</sub> (48 h) 2.44 mg/L                            | <b>Long-term toxicity to aquatic invertebrates</b><br>Unknown |
| <b>Toxicity to aquatic algae and cyanobacteria</b><br>Unknown                                                       | <b>Toxicity to microorganisms</b><br>Unknown                  |
| Octhilinone (CAS no. 26530-20-1)                                                                                    |                                                               |
| <b>Short-term toxicity to fish</b><br>LC <sub>50</sub> (96 h) 0.122 mg/L                                            | <b>Long-term toxicity to fish</b><br>Unknown                  |
| <b>Short-term toxicity to aquatic invertebrates</b><br>LC <sub>50</sub> (48 h) 181 mg/L                             | <b>Long-term toxicity to aquatic invertebrates</b><br>Unknown |
| <b>Toxicity to aquatic algae and cyanobacteria</b><br>EC <sub>50</sub> (96 h) 0.150 mg/L                            | <b>Toxicity to microorganisms</b><br>Unknown                  |
| Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS no. 55965-84-9) |                                                               |
| <b>Short-term toxicity to fish</b><br>Unknown                                                                       | <b>Long-term toxicity to fish</b><br>Unknown                  |
| <b>Short-term toxicity to aquatic invertebrates</b><br>Unknown                                                      | <b>Long-term toxicity to aquatic invertebrates</b><br>Unknown |
| <b>Toxicity to aquatic algae and cyanobacteria</b><br>EC <sub>50</sub> (72 h) 0.027 mg/L                            | <b>Toxicity to microorganisms</b><br>Unknown                  |

**12.2 Information on other hazards**

| BOD5                                                                                                                | COD     | Biodegradable |
|---------------------------------------------------------------------------------------------------------------------|---------|---------------|
| Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS no. 55965-84-9) |         |               |
| No data                                                                                                             | No data | Yes (>60%)    |

**12.3 Bioaccumulative potential**

| BCF                                                                                                                 | LogPow  | Bioaccumulative potential |
|---------------------------------------------------------------------------------------------------------------------|---------|---------------------------|
| 1,2-Benzisothiazol-(2H)-one (CAS no. 2634-33-5)                                                                     |         |                           |
| 2                                                                                                                   | 1.45    | Low                       |
| Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS no. 55965-84-9) |         |                           |
| 3.6                                                                                                                 | No data | None                      |

**12.4 Mobility in soil**

| Koc     | Surface tension | Henry's constant |
|---------|-----------------|------------------|
| No data | No data         | No data          |

**12.5 Results of PBT and vPvB assessment**

This substance contains no components considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Endocrine disrupting properties**

The product does not contain any components with known endocrine-disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration of 0.1% or higher.

**12.7 Other adverse effects**

None known.

**12.8 Additional information**

No further information.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Disposal of the product/packaging**

Unused product and uncleaned packaging is hazardous waste and must be disposed of in accordance with Directives 2008/98/EC and 2014/955/EU on waste. Dispose of at



an approved waste treatment plant, possibly via the municipal collection scheme. Avoid release to the environment.

#### Waste codes

Classification according to the European waste catalog (2018/C124/01) depends on the purpose of use.

| EWC code                                                                                      | Description                                                                       | Hazard properties |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|
| <i>Wastes from the manufacture, formulation, supply, use and removal of paint and varnish</i> |                                                                                   |                   |
| 08 01 11                                                                                      | Waste paint and varnish containing organic solvents or other hazardous substances | HP 4 (irritant)   |

#### Information on disposal of the packaging

Dispose of in accordance with Annex I and Annex II (Directive 2008/98/EC). The uncleaned packaging must be disposed of in the same way as the product. EWC: 15 01 10.

#### Special precautions for waste treatment

The substance decomposes on heating and forms gaseous wastes.

#### Applicable law

In accordance with Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), European and national regulations concerning the handling of waste products are set out below:

EU legislation: Directives 2008/98/EC and 2014/955/EU.  
Commission Regulation (EU) No 1357/2014.

## SECTION 14: Transport information

|                                                                     |                                                                                                                         |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>14.1 UN or ID number</b>                                         | The product is not classified as dangerous goods.                                                                       |
| <b>14.2 UN proper shipping name</b>                                 | Not applicable.                                                                                                         |
| <b>14.3 Transport hazard class(es)</b>                              | Not applicable.                                                                                                         |
| <b>14.4 Packing group</b>                                           | Not applicable.                                                                                                         |
| <b>14.5 Environmental hazards</b>                                   | None.                                                                                                                   |
| <b>14.6 Special precautions for user</b>                            | It is not recommended to ship the product with strong bases, acids or oxidizing agents within the same inner packaging. |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b> | The product is not intended to be transported in bulk.                                                                  |

## SECTION 15: Regulatory information

|                                                                                                            |                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b> | REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable. |
|                                                                                                            | REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable.                                                       |
|                                                                                                            | REACH - List of substances subject to authorisation (Annex XIV) : Not applicable.                                                                                |

- Regulation (EC) 1005/2009 on substances that deplete the ozone layer : Not applicable.
- Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants : Not applicable.
- Regulation (EU) No 528/2012 on biocidal products and GB Biocidal Products Regulation / GB BPR : The product contains:  
- Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (product types 2, 4, 6, 11, 12, 13)  
- 1,2-Benzisothiazol-3(2H)-one (product types 2, 6, 9, 11, 12, 13)  
- Octhilone (product types 6, 7, 8, 9, 10, 11, 13)
- Regulation (EU) 649/2012 concerning the export and import of hazardous chemical products : Not applicable.
- Regulation (EU) 2019/1148 on the marketing and use of explosives precursors : Not applicable.
- Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances (Seveso) : Not applicable.
- The Paints Directive 2004/42/EC (VOC) : The VOC content has not been determined.

**Specific provisions regarding the protection of persons or the environment**

The product is covered by the criteria in the Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work. Accordingly, young people under the age of 18 should not use or be exposed to the product professionally.



In relation to pregnancy and breastfeeding, the product does not contain any components that are expected to increase the risk to the pregnant woman and the fetus when pregnant women work with or are exposed to the product.

**15.2 Chemical safety assessment**

No chemical safety assessment has been prepared for this product.

**SECTION 16: Other information****Applicable law**

This safety data sheet has been prepared in accordance with the European Parliament and Council Regulation (EC) No. 1907/2006 (REACH) and Commission Regulation (EU) 2020/878, and following the official ECHA guidelines.

This SDS shall be supplied in an official language of the country where the product is placed on the market.

**The safety data sheet has been prepared by**

Cantell  
Hvidkjærsvvej 24  
7000 Fredericia  
Denmark  
cantell@cantell.dk  
+45 76240048  
Consultant: MH

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

| Classification | Classification procedure |
|----------------|--------------------------|
| Skin Sens. 1A  | Calculation method       |
| Eye Irrit. 2   | Calculation method       |

**Key literature references and sources for data**

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

**Revision**

This safety data sheet has not been revised yet.

**Advice in relation to training**

No special training is necessary, but a thorough knowledge of this safety data sheet is advantageous. Basic training is recommended to prevent risks to personnel who handle this product in order to facilitate the understanding and interpretation of this safety data sheet as well as any labeling of the product.

**Hazard 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.  
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.

**Abbreviations and acronyms**

ADR Agreement concerning the International Carriage of Dangerous Goods by Road  
BCF Bioconcentration factor  
ClogP Calculated logarithmic n-octanol/water partition coefficient  
CLP Classification, labeling and packaging (EU regulation)  
DNEL Highest level where no effects on humans are expected  
EC<sub>50</sub> Average effective concentration  
EWC European Waste Catalog  
GHS Globally Harmonized System of Classification and Labeling  
HCS Hazard Communication Standard  
IATA International Air Transport Association  
IMDG International Maritime Dangerous Goods Code  
Koc Partition coefficient for organic carbon  
LC<sub>50</sub> Mean lethal concentration (dose to kill 50% experimental animals)  
PBT Persistent, bioaccumulative and toxic  
PNEC Predicted No-Effect Concentration  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals  
vPvB Very persistent, very bioaccumulative

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product. It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.