

# Water-Washable Resin

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 1/18/2024 Revision date: 1/18/2024 Version: 1.0 SDS number: P2024010208

SUNLU

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Water-Washable Resin

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

##### 1.2.1. Relevant identified uses

Resin Usage: Photosensitive resin, commonly known as ultraviolet curing shadowless glue, or UV resin (glue), is mainly composed of polymer monomers and prepolymers, with a photo (ultraviolet light) initiator added, or photosensitizer. Under the irradiation of ultraviolet light of a certain wavelength (250~405nm), the polymerization reaction will immediately occur and the solid-state conversion will be completed.

In the past two years, photosensitive resins are being used in the emerging industry of 3D printing, and are favored and valued by the industry because of their excellent characteristics.

##### 1.2.2. Uses advised against

No additional information available

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

| Supplier 1                                                                                                                                                                                                                                        | Supplier 2                                                                                                                                                                                                                    | Importer 1                                                                                                                                                     | Importer 2                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Zhuhai Sunlu Industrial Co., Ltd<br>No.38 Yongtian Road, Trade Logistics Centre Phase Two, Qianshan, Xiangzhou District, Zhuhai, Guangdong, China.<br>T 0086-13716053087 / 0086-13865873027<br><a href="mailto:pc61@sunlu.com">pc61@sunlu.com</a> | Sunlu (Guangdong) Technology Co., Ltd.<br>Room 202, Building B, No. 10, Shuguang Road, Tanzhou Town, Zhongshan Guangdong China<br>T 0086-13716053087 / 0086-13865873027<br><a href="mailto:pc61@sunlu.com">pc61@sunlu.com</a> | Sea&Mew Consulting GmbH<br>ittenhuber Straße 4, 92318 Neumarkt<br>T +4915224685061<br><a href="mailto:Compliance.EU@outlook.com">Compliance.EU@outlook.com</a> | Sea&Mew Accounting Ltd<br>Electric Avenue Vision 25, London, Enfield EN3 7GD<br>T +447399648608<br><a href="mailto:info@seamew.net">info@seamew.net</a> |

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4 H302  
Serious eye damage/eye irritation, Category 1 H318  
Skin sensitisation, Category 1 H317  
Specific target organ toxicity – Repeated exposure, Category 2 H373  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

May cause damage to organs through prolonged or repeated exposure. Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye damage.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

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|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements (CLP)        | : H302 - Harmful if swallowed.<br>H317 - May cause an allergic skin reaction.<br>H318 - Causes serious eye damage.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Precautionary statements (CLP) | : H373 - May cause damage to organs through prolonged or repeated exposure.<br>P260 - Do not breathe dust/fume/gas/mist/vapours/spray.<br>P264 - Wash hands, forearms and face thoroughly after handling.<br>P270 - Do not eat, drink or smoke when using this product.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. |

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 %.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                                                                        | Product identifier                                                     | %    | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                        |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------|
| 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene and 2-propenoic acid | CAS-No.: 25767-39-9                                                    | 45   | Not classified                                                                                                         |
| Morpholine, 4-(1-oxo-2-propenyl)-                                                           | CAS-No.: 5117-12-4<br>EC-No.: 418-140-1<br>EC Index-No.: 613-222-00-3  | 30   | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT RE 2, H373      |
| Ethoxylated trimethylolpropane triacrylate                                                  | CAS-No.: 28961-43-5<br>EC-No.: 500-066-5                               | 24.4 | Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412                                                   |
| Titanium dioxide                                                                            | CAS-No.: 13463-67-7<br>EC-No.: 236-675-5<br>EC Index-No.: 022-006-00-2 | 0.5  | Carc. 2, H351<br>If in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ |
| Carbon black                                                                                | CAS-No.: 1333-86-4<br>EC-No.: 215-609-9                                | 0.1  | Not classified                                                                                                         |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                     |                                                                                                                                                                                                   |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general          | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a poison center or a doctor if you feel unwell.            |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. Obtain medical attention if breathing difficulty persists. |

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| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. Seek medical attention if ill effect or irritation develops.           |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. Seek medical attention if ill effect or irritation develops. |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.                                                                                                                                                                                           |

### 4.2. Most important symptoms and effects, both acute and delayed

|                  |                                                                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects | : Harmful if swallowed.<br>May cause an allergic skin reaction.<br>Causes serious eye damage.<br>May cause damage to organs through prolonged or repeated exposure. |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

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

|                                                  |                                                                                                               |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Thermal decomposition can lead to the release of irritating gases and vapours. |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------|

### 5.3. Advice for firefighters

|                                       |                                                                                                                                                                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions             | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.                                                                  |
| Protective equipment for firefighters | : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

|                      |                                                                                                                                                                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Wear suitable protective clothing. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Ventilate spillage area. Evacuate unnecessary personnel. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.                                                                                                                  |

#### 6.1.2. For emergency responders

|                      |                                                                                                                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Ventilate area.                                                                                                                                                                                      |

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

- For containment : Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Provide good ventilation in process area to prevent formation of vapour. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Handle in accordance with good industrial hygiene and safety procedures.

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

- Storage conditions : Keep container tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Titanium dioxide (13463-67-7)           |                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Austria - Occupational Exposure Limits  |                                                                                                                                                                                   |
| Local name                              | Titandioxid (Alveolarstaub)                                                                                                                                                       |
| MAK (OEL TWA)                           | 5 mg/m <sup>3</sup> (alveolar dust, respirable fraction)                                                                                                                          |
| MAK (OEL STEL)                          | 10 mg/m <sup>3</sup> (alveolar dust, respirable fraction)                                                                                                                         |
| Regulatory reference                    | BGBI. II Nr. 156/2021                                                                                                                                                             |
| Belgium - Occupational Exposure Limits  |                                                                                                                                                                                   |
| Local name                              | Titane (dioxyde de) # Titaandioxide                                                                                                                                               |
| OEL TWA                                 | 10 mg/m <sup>3</sup>                                                                                                                                                              |
| Regulatory reference                    | Koninklijk besluit/Arrêté royal 11/05/2021                                                                                                                                        |
| Bulgaria - Occupational Exposure Limits |                                                                                                                                                                                   |
| Local name                              | Титанов диоксид                                                                                                                                                                   |
| OEL TWA                                 | 10 mg/m <sup>3</sup> (respirable dust)                                                                                                                                            |
| Regulatory reference                    | Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр. 47 от 2021 г., в сила от 04.06.2021 г.) |

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| Titanium dioxide (13463-67-7)                     |                                                                                                                                                              |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Croatia - Occupational Exposure Limits            |                                                                                                                                                              |
| Local name                                        | Titanov dioksid                                                                                                                                              |
| GVI (OEL TWA)                                     | 10 mg/m <sup>3</sup> (total dust, inhalable particles)<br>4 mg/m <sup>3</sup> (respirable dust)                                                              |
| Regulatory reference                              | Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021) |
| Denmark - Occupational Exposure Limits            |                                                                                                                                                              |
| Local name                                        | Titandioxid                                                                                                                                                  |
| OEL TWA                                           | 6 mg/m <sup>3</sup>                                                                                                                                          |
| OEL STEL                                          | 12 mg/m <sup>3</sup>                                                                                                                                         |
| Remark                                            | K (betyder, at stoffet anses for at kunne være kræftfremkaldende)                                                                                            |
| Regulatory reference                              | BEK nr 202 af 21/02/2023                                                                                                                                     |
| Estonia - Occupational Exposure Limits            |                                                                                                                                                              |
| Local name                                        | Titaanoksiid                                                                                                                                                 |
| OEL TWA                                           | 5 mg/m <sup>3</sup>                                                                                                                                          |
| Regulatory reference                              | Vabariigi Valitsuse 20. märtsi 2001. a määruse nr 105 (RT I, 21.12.2022, 3)                                                                                  |
| France - Occupational Exposure Limits             |                                                                                                                                                              |
| OEL chemical category                             | Carcinogen category 2                                                                                                                                        |
| Germany - Occupational Exposure Limits (TRGS 900) |                                                                                                                                                              |
| AGW (OEL TWA)                                     | 1.25 mg/m <sup>3</sup> (respirable fraction (dust))<br>10 mg/m <sup>3</sup> (inhalable fraction (dust))                                                      |
| Greece - Occupational Exposure Limits             |                                                                                                                                                              |
| Local name                                        | Τιτανίου διοξείδιο                                                                                                                                           |
| OEL TWA                                           | 10 mg/m <sup>3</sup> (inhalable fraction)<br>5 mg/m <sup>3</sup> (respirable fraction)                                                                       |
| Regulatory reference                              | Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους                      |
| Ireland - Occupational Exposure Limits            |                                                                                                                                                              |
| Local name                                        | Titanium dioxide                                                                                                                                             |
| OEL TWA                                           | 10 mg/m <sup>3</sup> (total inhalable dust)<br>4 mg/m <sup>3</sup> (respirable dust)                                                                         |
| OEL STEL                                          | 30 mg/m <sup>3</sup> (calculated-respirable dust)<br>12 mg/m <sup>3</sup> (calculated)                                                                       |
| Regulatory reference                              | Chemical Agents Code of Practice 2021                                                                                                                        |
| Latvia - Occupational Exposure Limits             |                                                                                                                                                              |
| Local name                                        | Titāna dioksīds                                                                                                                                              |
| OEL TWA                                           | 10 mg/m <sup>3</sup>                                                                                                                                         |
| Regulatory reference                              | Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2011. gada 1. februārī noteikumiem Nr. 92)                           |
| Lithuania - Occupational Exposure Limits          |                                                                                                                                                              |
| Local name                                        | Titano dioksidas                                                                                                                                             |
| IPRV (OEL TWA)                                    | 5 mg/m <sup>3</sup>                                                                                                                                          |

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| Titanium dioxide (13463-67-7)                 |                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regulatory reference                          | LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)                                                                                                                                                                                                                                                                                                                      |
| Netherlands - Occupational Exposure Limits    |                                                                                                                                                                                                                                                                                                                                                                                        |
| TGG-8u (OEL TWA)                              | 10 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                   |
| Poland - Occupational Exposure Limits         |                                                                                                                                                                                                                                                                                                                                                                                        |
| Local name                                    | Ditlenek tytanu                                                                                                                                                                                                                                                                                                                                                                        |
| NDS (OEL TWA)                                 | 10 mg/m <sup>3</sup> (the concentration of the respirable Crystalline silica fraction is determined simultaneously-inhalable fraction)                                                                                                                                                                                                                                                 |
| Remark                                        | Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia. Obowiązuje jednocześnie oznaczanie stężeń frakcji respirabilnej krzemionki krystalicznej.                                                                                                                                                 |
| Regulatory reference                          | Dz. U. 2018 poz. 1286 wraz z późn. zm.                                                                                                                                                                                                                                                                                                                                                 |
| Portugal - Occupational Exposure Limits       |                                                                                                                                                                                                                                                                                                                                                                                        |
| Local name                                    | Dióxido de titânio                                                                                                                                                                                                                                                                                                                                                                     |
| OEL TWA                                       | 10 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                   |
| OEL chemical category                         | A4 - Not Classifiable as a Human Carcinogen                                                                                                                                                                                                                                                                                                                                            |
| Remark                                        | A4 (Agente não classificável como carcinogénico no Homem)                                                                                                                                                                                                                                                                                                                              |
| Regulatory reference                          | Norma Portuguesa NP 1796:2014                                                                                                                                                                                                                                                                                                                                                          |
| Romania - Occupational Exposure Limits        |                                                                                                                                                                                                                                                                                                                                                                                        |
| Local name                                    | Dioxid de titan                                                                                                                                                                                                                                                                                                                                                                        |
| OEL TWA                                       | 10 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                   |
| OEL STEL                                      | 15 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                   |
| Regulatory reference                          | Hotărârea Guvernului nr. 1.218/2006 (Hotărârea nr. 53/2021)                                                                                                                                                                                                                                                                                                                            |
| Slovakia - Occupational Exposure Limits       |                                                                                                                                                                                                                                                                                                                                                                                        |
| Local name                                    | Oxid titaničitý                                                                                                                                                                                                                                                                                                                                                                        |
| NPHV (OEL TWA)                                | 5 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                    |
| Regulatory reference                          | Nariadenie vlády č. 355/2006 Z. z. (236/2020 Z. z.)                                                                                                                                                                                                                                                                                                                                    |
| Spain - Occupational Exposure Limits          |                                                                                                                                                                                                                                                                                                                                                                                        |
| Local name                                    | Dióxido de titanio                                                                                                                                                                                                                                                                                                                                                                     |
| VLA-ED (OEL TWA)                              | 10 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                   |
| Regulatory reference                          | Límites de Exposición Profesional para Agentes Químicos en España 2023. INSHT                                                                                                                                                                                                                                                                                                          |
| Sweden - Occupational Exposure Limits         |                                                                                                                                                                                                                                                                                                                                                                                        |
| Local name                                    | Titandioxid                                                                                                                                                                                                                                                                                                                                                                            |
| NGV (OEL TWA)                                 | 5 mg/m <sup>3</sup> (total dust)                                                                                                                                                                                                                                                                                                                                                       |
| Remark                                        | 3 (Med totaldamm menas de partiklar (aerosoler) som fastnar på ett filter i den provtagare som beskrivs i Metodserien, Provtagning av totaldamm och respirabelt damm, Metod nr 1010, Arbetarskyddsstyrelsen, numera Arbetsmiljöverket. Filterdiametern är normalt 37 mm, men kan även vara 25 mm. Trots sitt namn provtas inte den totala mängden luftburna partiklar med denna metod) |
| Regulatory reference                          | Hygieniska gränsvärden (AFS 2018:1)                                                                                                                                                                                                                                                                                                                                                    |
| United Kingdom - Occupational Exposure Limits |                                                                                                                                                                                                                                                                                                                                                                                        |
| Local name                                    | Titanium dioxide                                                                                                                                                                                                                                                                                                                                                                       |

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|                                                      |                                                                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Titanium dioxide (13463-67-7)</b>                 |                                                                                                                                                              |
| WEL TWA (OEL TWA)                                    | 10 mg/m <sup>3</sup> (total inhalable)<br>4 mg/m <sup>3</sup> (respirable)                                                                                   |
| WEL STEL (OEL STEL)                                  | 30 mg/m <sup>3</sup> (calculated-total inhalable)<br>12 mg/m <sup>3</sup> (calculated-respirable)                                                            |
| Regulatory reference                                 | EH40/2005 (Fourth edition, 2020). HSE                                                                                                                        |
| <b>Carbon black (1333-86-4)</b>                      |                                                                                                                                                              |
| <b>Belgium - Occupational Exposure Limits</b>        |                                                                                                                                                              |
| Local name                                           | Carbone (noir de) # Koolzwart                                                                                                                                |
| OEL TWA                                              | 3 mg/m <sup>3</sup>                                                                                                                                          |
| Regulatory reference                                 | Koninklijk besluit/Arrêté royal 11/05/2021                                                                                                                   |
| <b>Croatia - Occupational Exposure Limits</b>        |                                                                                                                                                              |
| Local name                                           | Ugljik-crni                                                                                                                                                  |
| GVI (OEL TWA)                                        | 3.5 mg/m <sup>3</sup>                                                                                                                                        |
| KGVI (OEL STEL)                                      | 7 mg/m <sup>3</sup>                                                                                                                                          |
| Regulatory reference                                 | Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021) |
| <b>Czech Republic - Occupational Exposure Limits</b> |                                                                                                                                                              |
| Local name                                           | Amorfní uhlík (Carbon Black)                                                                                                                                 |
| PEL (OEL TWA)                                        | 10 mg/m <sup>3</sup>                                                                                                                                         |
| Remark                                               | Prachy s převážně nespecifickým účinkem.                                                                                                                     |
| Regulatory reference                                 | Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.)                                                                                                        |
| <b>Denmark - Occupational Exposure Limits</b>        |                                                                                                                                                              |
| Local name                                           | Carbon black                                                                                                                                                 |
| OEL TWA                                              | 3.5 mg/m <sup>3</sup>                                                                                                                                        |
| OEL STEL                                             | 7 mg/m <sup>3</sup>                                                                                                                                          |
| Remark                                               | K (betyder, at stoffet anses for at kunne være kræftfremkaldende)                                                                                            |
| Regulatory reference                                 | BEK nr 202 af 21/02/2023                                                                                                                                     |
| <b>Estonia - Occupational Exposure Limits</b>        |                                                                                                                                                              |
| OEL TWA                                              | 3 mg/m <sup>3</sup>                                                                                                                                          |
| <b>Finland - Occupational Exposure Limits</b>        |                                                                                                                                                              |
| Local name                                           | Nokimusta                                                                                                                                                    |
| HTP (OEL TWA)                                        | 3.5 mg/m <sup>3</sup>                                                                                                                                        |
| HTP (OEL STEL)                                       | 7 mg/m <sup>3</sup>                                                                                                                                          |
| Regulatory reference                                 | HTP-ARVOT 2020 (Sosiaali- ja terveystieteiden ministeriö)                                                                                                    |
| <b>France - Occupational Exposure Limits</b>         |                                                                                                                                                              |
| Local name                                           | Noir de carbone                                                                                                                                              |
| VME (OEL TWA)                                        | 3.5 mg/m <sup>3</sup>                                                                                                                                        |
| Remark                                               | Valeurs recommandées/admises                                                                                                                                 |
| Regulatory reference                                 | Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)                                                                                       |

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| Carbon black (1333-86-4)                      |                                                                                                                                                                                                        |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Greece - Occupational Exposure Limits         |                                                                                                                                                                                                        |
| Local name                                    | Αιθάλη                                                                                                                                                                                                 |
| OEL TWA                                       | 3.5 mg/m <sup>3</sup>                                                                                                                                                                                  |
| OEL STEL                                      | 7 mg/m <sup>3</sup>                                                                                                                                                                                    |
| Regulatory reference                          | Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους                                                                |
| Hungary - Occupational Exposure Limits        |                                                                                                                                                                                                        |
| Local name                                    | Ipri korom [„Carbon Black”]                                                                                                                                                                            |
| AK (OEL TWA)                                  | 3 mg/m <sup>3</sup> belélegezhető koncentráció                                                                                                                                                         |
| Regulatory reference                          | 5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről                                                                       |
| Ireland - Occupational Exposure Limits        |                                                                                                                                                                                                        |
| Local name                                    | Carbon black                                                                                                                                                                                           |
| OEL TWA                                       | 3 mg/m <sup>3</sup> I (Inhalable Fraction)                                                                                                                                                             |
| OEL STEL                                      | 15 mg/m <sup>3</sup> (calculated-inhalable fraction)                                                                                                                                                   |
| Regulatory reference                          | Chemical Agents Code of Practice 2021                                                                                                                                                                  |
| Poland - Occupational Exposure Limits         |                                                                                                                                                                                                        |
| Local name                                    | Sadza techniczna                                                                                                                                                                                       |
| NDS (OEL TWA)                                 | 4 mg/m <sup>3</sup> frakcja wdychalna                                                                                                                                                                  |
| Remark                                        | Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia.                                                           |
| Regulatory reference                          | Dz. U. 2018 poz. 1286 wraz z późn. zm.                                                                                                                                                                 |
| Portugal - Occupational Exposure Limits       |                                                                                                                                                                                                        |
| Local name                                    | Carbono, preto (Negro de fumo)                                                                                                                                                                         |
| OEL TWA                                       | 3 mg/m <sup>3</sup> I (Fração inalável)                                                                                                                                                                |
| OEL chemical category                         | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans                                                                                                                                      |
| Remark                                        | A3 (Agente carcinogénico confirmado nos animais de laboratorio con relevância desconhecida no Homem)                                                                                                   |
| Regulatory reference                          | Norma Portuguesa NP 1796:2014                                                                                                                                                                          |
| Slovakia - Occupational Exposure Limits       |                                                                                                                                                                                                        |
| NPHV (OEL TWA)                                | 2 mg/m <sup>3</sup> (respirable fraction, 5% or less fibrogenic component)<br>10 mg/m <sup>3</sup> (respirable fraction, greater than 5% fibrogenic component)<br>10 mg/m <sup>3</sup> (total aerosol) |
| Spain - Occupational Exposure Limits          |                                                                                                                                                                                                        |
| Local name                                    | Negro de humo                                                                                                                                                                                          |
| VLA-ED (OEL TWA)                              | 3.5 mg/m <sup>3</sup>                                                                                                                                                                                  |
| Regulatory reference                          | Límites de Exposición Profesional para Agentes Químicos en España 2023. INSHT                                                                                                                          |
| Sweden - Occupational Exposure Limits         |                                                                                                                                                                                                        |
| NGV (OEL TWA)                                 | 3 mg/m <sup>3</sup> (inhalable fraction)                                                                                                                                                               |
| United Kingdom - Occupational Exposure Limits |                                                                                                                                                                                                        |
| Local name                                    | Carbon black                                                                                                                                                                                           |

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| Carbon black (1333-86-4) |                                       |
|--------------------------|---------------------------------------|
| WEL TWA (OEL TWA)        | 3.5 mg/m³                             |
| WEL STEL (OEL STEL)      | 7 mg/m³                               |
| Regulatory reference     | EH40/2005 (Fourth edition, 2020). HSE |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses. Use eye protection according to ISO 16321-1. Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Wear protective gloves. Wear suitable gloves tested to ISO 374-1. protective gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Wear appropriate mask. Wear suitable respiratory equipment in case of insufficient ventilation

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|                 |                 |
|-----------------|-----------------|
| Physical state  | : Liquid        |
| Colour          | : Grey.         |
| Odour           | : Not available |
| Odour threshold | : Not available |
| Melting point   | : Not available |

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|                                                 |                  |
|-------------------------------------------------|------------------|
| Freezing point                                  | : Not available  |
| Boiling point                                   | : Not available  |
| Flammability                                    | : Non flammable. |
| Lower explosion limit                           | : Not available  |
| Upper explosion limit                           | : Not available  |
| Flash point                                     | : Not available  |
| Auto-ignition temperature                       | : Not available  |
| Decomposition temperature                       | : Not available  |
| pH                                              | : Not available  |
| Viscosity, kinematic                            | : Not available  |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density                                         | : Not available  |
| Relative density                                | : Not available  |
| Relative vapour density at 20°C                 | : Not available  |
| Particle characteristics                        | : Not applicable |

### 9.2. Other information

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

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

|                             |                         |
|-----------------------------|-------------------------|
| Acute toxicity (oral)       | : Harmful if swallowed. |
| Acute toxicity (dermal)     | : Not classified        |
| Acute toxicity (inhalation) | : Not classified        |

#### Morpholine, 4-(1-oxo-2-propenyl)- (5117-12-4)

|                 |                                 |
|-----------------|---------------------------------|
| LD50 dermal rat | > 2000 mg/kg (Source: ECHA_API) |
|-----------------|---------------------------------|

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|                                                                |                                                                      |
|----------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Morpholine, 4-(1-oxo-2-propenyl)- (5117-12-4)</b>           |                                                                      |
| ATE CLP (oral)                                                 | 500 mg/kg bodyweight                                                 |
| <b>Ethoxylated trimethylolpropane triacrylate (28961-43-5)</b> |                                                                      |
| LD50 oral rat                                                  | > 2000 mg/kg                                                         |
| LD50 dermal rabbit                                             | > 13 g/kg                                                            |
| <b>Titanium dioxide (13463-67-7)</b>                           |                                                                      |
| LD50 oral rat                                                  | > 10000 mg/kg (Source: IUCLID)                                       |
| LD50 oral                                                      | > 5000 mg/kg bodyweight                                              |
| LD50 dermal                                                    | > 10000 mg/kg bodyweight                                             |
| LC50 Inhalation - Rat                                          | 5.09 mg/l/4h                                                         |
| <b>Carbon black (1333-86-4)</b>                                |                                                                      |
| LD50 oral rat                                                  | > 15400 mg/kg (Source: NLM_CIP)                                      |
| Skin corrosion/irritation                                      | : Not classified                                                     |
| Serious eye damage/irritation                                  | : Causes serious eye damage.                                         |
| Respiratory or skin sensitisation                              | : May cause an allergic skin reaction.                               |
| Germ cell mutagenicity                                         | : Not classified                                                     |
| Carcinogenicity                                                | : Not classified                                                     |
| <b>Titanium dioxide (13463-67-7)</b>                           |                                                                      |
| IARC group                                                     | 2B - Possibly carcinogenic to humans                                 |
| <b>Carbon black (1333-86-4)</b>                                |                                                                      |
| IARC group                                                     | 2B - Possibly carcinogenic to humans                                 |
| Reproductive toxicity                                          | : Not classified                                                     |
| STOT-single exposure                                           | : Not classified                                                     |
| STOT-repeated exposure                                         | : May cause damage to organs through prolonged or repeated exposure. |
| <b>Morpholine, 4-(1-oxo-2-propenyl)- (5117-12-4)</b>           |                                                                      |
| STOT-repeated exposure                                         | May cause damage to organs through prolonged or repeated exposure.   |
| Aspiration hazard                                              | : Not classified                                                     |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

|                                                                |                                                                              |
|----------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>Ethoxylated trimethylolpropane triacrylate (28961-43-5)</b> |                                                                              |
| LC50 - Fish [1]                                                | 1.95 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA) |
| EC50 - Crustacea [1]                                           | 70.7 mg/l                                                                    |

# Water-Washable Resin

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### Ethoxylated trimethylolpropane triacrylate (28961-43-5)

|                      |          |
|----------------------|----------|
| EC50 72h - Algae [1] | 2.2 mg/l |
|----------------------|----------|

### Titanium dioxide (13463-67-7)

|                                    |                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]                    | 155 mg/l Test organisms (species): other:Japanese Medaka                                                                                   |
| EC50 - Other aquatic organisms [1] | > 100 mg/l Test organisms (species):                                                                                                       |
| EC50 - Other aquatic organisms [2] | > 10000 mg/l                                                                                                                               |
| EC50 72h - Algae [1]               | > 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

### Carbon black (1333-86-4)

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| EC50 72h - Algae [1] | > 10000 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2] | > 10000 mg/l Test organisms (species):                                                                  |
| ErC50 algae          | > 10000 mg/l 72 hours OECD 201                                                                          |

## 12.2. Persistence and degradability

### Water-Washable Resin

|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

### Morpholine, 4-(1-oxo-2-propenyl)- (5117-12-4)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not Rapidly degradable |
|-------------------------------|------------------------|

## 12.3. Bioaccumulative potential

### Water-Washable Resin

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

### Morpholine, 4-(1-oxo-2-propenyl)- (5117-12-4)

|                                                 |                  |
|-------------------------------------------------|------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.46 (at 21 °C) |
|-------------------------------------------------|------------------|

### Ethoxylated trimethylolpropane triacrylate (28961-43-5)

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.89 (at 23 °C (at pH 8.1) |
|-------------------------------------------------|----------------------------|

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Endocrine disrupting properties

No additional information available

## 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

# Water-Washable Resin

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Product/Packaging disposal recommendations : Dispose of in a safe manner in accordance with local/national regulations.  
Ecological information : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

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

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

###### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

###### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

###### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

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### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

#### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – : None of the components are listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Danish National Regulations : Young people under 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with it

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate                                                                         |
| BCF                         | Bioconcentration factor                                                                         |
| BLV                         | Biological limit value                                                                          |
| BOD                         | Biochemical oxygen demand (BOD)                                                                 |
| COD                         | Chemical oxygen demand (COD)                                                                    |
| DMEL                        | Derived Minimal Effect level                                                                    |
| DNEL                        | Derived-No Effect Level                                                                         |

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| Abbreviations and acronyms: |                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------|
| EC-No.                      | European Community number                                                                  |
| EC50                        | Effective concentration for 50 percent of test population (median effective concentration) |
| EN                          | European Standard                                                                          |
| IARC                        | International Agency for Research on Cancer                                                |
| IATA                        | International Air Transport Association                                                    |
| IMDG                        | International Maritime Dangerous Goods                                                     |
| LC50                        | Lethal concentration for 50 percent of test population (median lethal concentration)       |
| LD50                        | Lethal dose for 50 percent of test population (median lethal dose)                         |
| LOAEL                       | Lowest Observed Adverse Effect Level                                                       |
| NOAEC                       | No-Observed Adverse Effect Concentration                                                   |
| NOAEL                       | No-Observed Adverse Effect Level                                                           |
| NOEC                        | No-Observed Effect Concentration                                                           |
| OECD                        | Organisation for Economic Co-operation and Development                                     |
| OEL                         | Occupational Exposure Limit                                                                |
| PBT                         | Persistent Bioaccumulative Toxic                                                           |
| PNEC                        | Predicted No-Effect Concentration                                                          |
| RID                         | Regulation concerning the International Carriage of Dangerous Goods by Railways            |
| SDS                         | Safety Data Sheet                                                                          |
| STP                         | Sewage treatment plant                                                                     |
| ThOD                        | Theoretical oxygen demand (ThOD)                                                           |
| TLM                         | Median Tolerance Limit                                                                     |
| VOC                         | Volatile Organic Compounds                                                                 |
| CAS-No.                     | Chemical Abstract Service number                                                           |
| N.O.S.                      | Not Otherwise Specified                                                                    |
| vPvB                        | Very Persistent and Very Bioaccumulative                                                   |
| ED                          | Endocrine disrupting properties                                                            |

| Full text of H- and EUH-statements: |                                                                    |
|-------------------------------------|--------------------------------------------------------------------|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                  |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3  |
| Carc. 2                             | Carcinogenicity, Category 2                                        |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                      |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                      |
| H302                                | Harmful if swallowed.                                              |
| H317                                | May cause an allergic skin reaction.                               |
| H318                                | Causes serious eye damage.                                         |
| H319                                | Causes serious eye irritation.                                     |
| H351                                | Suspected of causing cancer.                                       |
| H373                                | May cause damage to organs through prolonged or repeated exposure. |

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| Full text of H- and EUH-statements: |                                                                |
|-------------------------------------|----------------------------------------------------------------|
| H412                                | Harmful to aquatic life with long lasting effects.             |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                 |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                                |
| STOT RE 2                           | Specific target organ toxicity – Repeated exposure, Category 2 |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.