

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : Parasilico Premium T

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Professional use

**1.2.2. Uses advised against**

No additional information available

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

DL CHEMICALS N.V.  
Roterijstraat 201-203  
B-8793 Waregem  
Belgium  
T + 32 56 62 70 51 - F + 32 56 60 95 68  
[MSDS@dl-chem.com](mailto:MSDS@dl-chem.com) - [www.dl-chem.com](http://www.dl-chem.com)

**1.4. Emergency telephone number**

Emergency number : + 32 56 62 70 51  
Only available during office hours.

| Country        | Official advisory body   | Address                                  | Emergency number  | Comment |
|----------------|--|--|---|---------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital   | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-24/7)<br>+353 1 809 2166<br>(public, 8am - 10pm,<br>7/7) |         |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London          | +44 20 7188 7188  |         |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412  
Contains Fungicide 2-octyl-2H-isothiazol-3-one, 3- EUH208  
aminopropyltriethoxysilane. May produce an allergic reaction.  
Warning! Hazardous respirable droplets may be formed when sprayed. Do EUH211  
not breathe spray or mist.  
Full text of H- and EUH-statements: see section 16

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### Adverse physicochemical, human health and environmental effects

No additional information available

## 2.2. Label elements

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

|                                |   |
|--------------------------------|---|
| CLP Signal word                | : -   |
| Hazard statements (CLP)        | : H412 - Harmful to aquatic life with long lasting effects.   |
| Precautionary statements (CLP) | : P273 - Avoid release to the environment.<br>P501 - Dispose of contents/container to a hazardous or special waste collection point.  |
| EUH-statements                 | : EUH208 - Contains Fungicide 2-octyl-2H-isothiazol-3-one, 3-aminopropyltriethoxysilane. May produce an allergic reaction.<br>EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. |

## 2.3. Other hazards

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

| Component          |   |
|--------------------|---|
| toluene (108-88-3) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| methanol (67-56-1) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, 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] |
|--|---|-----------------|---|
| Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics | EC-No.: 919-029-3<br>REACH-no: 01-2119457735-29 | $\geq 5 - < 10$ | Asp. Tox. 1, H304   |

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| Name  | Product identifier   | %            | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|--|--------------|--|
| 2-Pentanone, O,O',O''-(methylsilylidyne)trioxime                | CAS-No.: 37859-55-5<br>EC Index-No.: 484-460-1<br>REACH-no: 01-2120004323-76                         | ≥ 0,5 - < 10 | Acute Tox. 4 (Oral), H302<br>(ATE=1133 mg/kg bodyweight)<br>Eye Irrit. 2, H319<br>STOT RE 2, H373  |
| Titanium dioxide<br>(Note W)(Note 10)                           | CAS-No.: 13463-67-7<br>EC-No.: 236-675-5<br>EC Index-No.: 022-006-00-2<br>REACH-no: 01-2119489379-17 | < 5          | Carc. 2, H351  |
| 3-aminopropyltriethoxysilane                                    | CAS-No.: 919-30-2<br>EC-No.: 213-048-4<br>EC Index-No.: 612-108-00-0<br>REACH-no: 01-2119480479-24   | ≥ 0,5 - < 1  | Acute Tox. 4 (Oral), H302<br>(ATE=500 mg/kg bodyweight)<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1B, H317  |
| toluene<br>substance with a Community workplace exposure limit  | CAS-No.: 108-88-3<br>EC-No.: 203-625-9<br>EC Index-No.: 601-021-00-3<br>REACH-no: 01-2119471310-51   | < 0,1        | Flam. Liq. 2, H225<br>Repr. 2, H361d<br>Asp. Tox. 1, H304<br>STOT RE 2, H373<br>Skin Irrit. 2, H315<br>STOT SE 3, H336   |
| Fungicide 2-octyl-2H-isothiazol-3-one                           | CAS-No.: 26530-20-1<br>EC-No.: 247-761-7<br>EC Index-No.: 613-112-00-5                               | < 0,025      | Acute Tox. 2 (Inhalation), H330 (ATE=0,27 mg/l)<br>Acute Tox. 3 (Dermal), H311 (ATE=311 mg/kg bodyweight)<br>Acute Tox. 3 (Oral), H301 (ATE=125 mg/kg bodyweight)<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100)<br>EUH071 |
| methanol<br>substance with a Community workplace exposure limit | CAS-No.: 67-56-1<br>EC-No.: 200-659-6<br>EC Index-No.: 603-001-00-X<br>REACH-no: 01-2119433307-44    | < 0,1        | Flam. Liq. 2, H225<br>Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight)<br>Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight)<br>Acute Tox. 3 (Inhalation), H331 (ATE=0,5 mg/l/4h)<br>STOT SE 1, H370   |

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| Specific concentration limits:        |   |  |
|---------------------------------------|---|--|
| Name                                  | Product identifier  | Specific concentration limits                                    |
| Fungicide 2-octyl-2H-isothiazol-3-one | CAS-No.: 26530-20-1<br>EC-No.: 247-761-7<br>EC Index-No.: 613-112-00-5                            | ( 0,0015 ≤ C ≤ 100) Skin Sens. 1A, H317                          |
| methanol                              | CAS-No.: 67-56-1<br>EC-No.: 200-659-6<br>EC Index-No.: 603-001-00-X<br>REACH-no: 01-2119433307-44 | ( 3 ≤ C < 10) STOT SE 2, H371<br>( 10 ≤ C < 100) STOT SE 1, H370 |

Note 10 : The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

Note W : It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung. This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.

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).                           |
| First-aid measures after inhalation   | : Move to fresh air. Allow affected person to breathe fresh air. Allow the victim to rest.  |
| First-aid measures after skin contact | : Wash skin with mild soap and water. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.       |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. If eye irritation persists, consult a specialist. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.  |

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

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects                    | : Not expected to present a significant hazard under anticipated conditions of normal use.            |
| Symptoms/effects after inhalation   | : Not expected to present a significant inhalation hazard under anticipated conditions of normal use. |
| Symptoms/effects after skin contact | : Not expected to present a significant skin hazard under anticipated conditions of normal use.       |
| Symptoms/effects after eye contact  | : Direct contact with the eyes is likely slightly irritating.   |
| Symptoms/effects after ingestion    | : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.  |

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : All extinguishing media allowed. 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

- Fire hazard : Not flammable.

#### 5.3. Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire. Evacuate unnecessary personnel. Do not breathe fumes from fires or vapours from decomposition.
- Firefighting instructions : Cool down the containers exposed to heat with a water spray. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Do not allow run-off from fire fighting to enter drains or water courses.

### SECTION 6: Accidental release measures

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

- General measures : Ensure adequate air ventilation.

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Wear recommended personal protective equipment. Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

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

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

- For containment : Collect spillage.
- Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. Sweep or shovel spills into appropriate container for disposal. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                                   |  |
|-----------------------------------|--|
| Additional hazards when processed | : Avoid all unnecessary exposure.  |
| Precautions for safe handling     | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. |
| Hygiene measures                  | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.  |

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

|                        |   |
|------------------------|---|
| Storage conditions     | : Store in a dry, cool and well-ventilated place. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. |
| Incompatible products  | : Strong bases. Strong acids.   |
| Incompatible materials | : Sources of ignition. Direct sunlight.   |

#### 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

| toluene (108-88-3)  |                                 |
|---|---------------------------------|
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |                                 |
| Local name  | Toluene                         |
| IOEL TWA  | 192 mg/m <sup>3</sup>           |
| IOEL STEL   | 384 mg/m <sup>3</sup>           |
| IOEL STEL [ppm]   | 100 ppm                         |
| Remark  | Skin                            |
| Regulatory reference                                      | COMMISSION DIRECTIVE 2006/15/EC |
| <b>Ireland - Occupational Exposure Limits</b>             |                                 |
| OEL TWA [1]   | 192 mg/m <sup>3</sup>           |
| OEL TWA [2]   | 50 ppm                          |
| OEL STEL  | 384 mg/m <sup>3</sup>           |
| OEL STEL [ppm]  | 100 ppm                         |
| <b>United Kingdom - Occupational Exposure Limits</b>      |                                 |
| WEL TWA (OEL TWA) [1]                                     | 191 mg/m <sup>3</sup>           |
| WEL TWA (OEL TWA) [2]                                     | 50 ppm                          |
| WEL STEL (OEL STEL)                                       | 384 mg/m <sup>3</sup>           |
| WEL STEL (OEL STEL) [ppm]                                 | 100 ppm                         |

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| <b>methanol (67-56-1)</b>                                 |  |
|---|--|
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |  |
| Local name  | Methanol   |
| IOEL TWA  | 260 mg/m <sup>3</sup>  |
| IOEL TWA [ppm]  | 200 ppm  |
| Remark  | Skin   |
|   | Skin   |
| Regulatory reference                                      | COMMISSION DIRECTIVE 2006/15/EC  |
| <b>Ireland - Occupational Exposure Limits</b>             |  |
| OEL STEL  | 260 mg/m <sup>3</sup>  |
| OEL STEL [ppm]  | 200 ppm  |
| <b>United Kingdom - Occupational Exposure Limits</b>      |  |
| WEL TWA (OEL TWA) [1]                                     | 266 mg/m <sup>3</sup>  |
| WEL TWA (OEL TWA) [2]                                     | 200 ppm  |
| WEL STEL (OEL STEL)                                       | 333 mg/m <sup>3</sup>  |
| WEL STEL (OEL STEL) [ppm]                                 | 250 ppm  |
| <b>Titanium dioxide (13463-67-7)</b>                      |  |
| <b>Ireland - Occupational Exposure Limits</b>             |  |
| OEL STEL  | 10 mg/m <sup>3</sup> inhalable dust<br>4 mg/m <sup>3</sup> respirable dust |
| <b>United Kingdom - Occupational Exposure Limits</b>      |  |
| WEL TWA (OEL TWA) [1]                                     | 10 mg/m <sup>3</sup> inhalable dust<br>4 mg/m <sup>3</sup> respirable dust |

### 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. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

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### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses

| Eye protection |                      |                   |          |
|----------------|----------------------|-------------------|----------|
| Type           | Field of application | Characteristics   | Standard |
| Safety glasses | Droplet              | With side shields | EN 166   |

#### 8.2.2.2. Skin protection

##### Hand protection:

In case of repeated or prolonged contact wear gloves. Time of penetration is to be checked with the glove producer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear. Wear protective gloves.

| Hand protection   |                      |            |                |             |            |
|-------------------|----------------------|------------|----------------|-------------|------------|
| Type              | Material             | Permeation | Thickness (mm) | Penetration | Standard   |
| Disposable gloves | Nitrile rubber (NBR) |            | > 0,1          |             | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. Wear appropriate mask

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

##### Environmental exposure controls:

Do not allow to enter drains or water courses.

##### Consumer exposure controls:

Avoid contact with skin and eyes.

##### Other information:

Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

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

|                 |                                       |
|-----------------|---------------------------------------|
| Physical state  | : Liquid                              |
| Colour          | : According to product specification. |
| Appearance      | : Paste.                              |
| Odour           | : characteristic.                     |
| Odour threshold | : Not available                       |
| Melting point   | : Not applicable                      |
| Freezing point  | : Not applicable                      |

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|   |  |
|---|--|
| Softening point                                 | : Not applicable                                   |
| Boiling point                                   | : Not applicable                                   |
| Flammability                                    | : Non flammable.                                   |
| Explosive properties                            | : Product is not explosive.                        |
| Oxidising properties                            | : Non oxidizing material according to EC criteria. |
| Explosive limits                                | : Not available                                    |
| Lower explosion limit                           | : Not applicable                                   |
| Upper explosion limit                           | : Not applicable                                   |
| Flash point                                     | : > 100 °C (ISO 3679)                              |
| Auto-ignition temperature                       | : > 200 °C (calculated value)                      |
| Decomposition temperature                       | : Not available                                    |
| pH  | : insoluble in water                               |
| Viscosity, kinematic                            | : > 10000 mm <sup>2</sup> /s                       |
| Viscosity, dynamic                              | : > 10000 mPa.s                                    |
| Non-Newtonian liquid                            | : Thixotropic behaviour                            |
| Solubility                                      | : Water: Insoluble                                 |
| Partition coefficient n-octanol/water (Log Kow) | : Not applicable for preparations                  |
| Partition coefficient n-octanol/water (Log Pow) | : Not applicable for preparations                  |
| Vapour pressure                                 | : Does not apply                                   |
| Vapour pressure at 50°C                         | : Not applicable.                                  |
| Density   | : 1 g/cm <sup>3</sup>                              |
| Relative density                                | : 1  |
| Relative vapour density at 20°C                 | : Not available                                    |
| Particle characteristics                        | : Not applicable                                   |

### Fungicide 2-octyl-2H-isothiazol-3-one

|                 |              |
|-----------------|--------------|
| Boiling point   | 342 °C       |
| Vapour pressure | 4,9 hPa 25°C |

### 2-Pentanone, O,O',O''-(methylsilyldiylne)trioxime

|                           |                     |
|---------------------------|---------------------|
| Flash point               | 82 °C               |
| Auto-ignition temperature | 285 °C              |
| Vapour pressure           | 0,0172 hPa at 20 °C |

### Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics

|                           |              |
|---------------------------|--------------|
| Boiling point             | 260 – 340 °C |
| Flash point               | 125 – 137 °C |
| Auto-ignition temperature | 200 – 223 °C |
| Vapour pressure           | 1 hPa(a)     |

### methanol

|                           |                               |
|---------------------------|-------------------------------|
| Boiling point             | 64,7 °C Atm. press.: 1013 hPa |
| Flash point               | 9,7 °C Atm. press.: 1013 hPa  |
| Auto-ignition temperature | 455 °C                        |
| Vapour pressure           | 169,27 hPa Temp.: 25 °C       |

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### 3-aminopropyltriethoxysilane

|                 |            |
|-----------------|------------|
| Vapour pressure | 1,7 – 2 Pa |
|-----------------|------------|

### Titanium dioxide

|               |                       |
|---------------|-----------------------|
| Boiling point | 3000 (2500 – 3000) °C |
|---------------|-----------------------|

## 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

No dangerous reactions known.

### 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use. Not established.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature. fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

### 2-Pentanone, O,O',O''-(methylsilylidyne)trioxime (37859-55-5)

|               |                   |
|---------------|-------------------|
| LD50 oral rat | 1133 – 1234 mg/kg |
|---------------|-------------------|

### Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics

|               |            |
|---------------|------------|
| LD50 oral rat | 5000 mg/kg |
|---------------|------------|

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| <b>Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> |  |
|--|--|
| LC50 Inhalation - Rat  | 5266 – 5991 mg/l   |
| <b>toluene (108-88-3)</b>  |  |
| LD50 oral rat  | 5580 mg/kg   |
| LD50 dermal rabbit   | > 12400 mg/kg  |
| LC50 Inhalation - Rat  | 28,1 mg/l/4h (OECD 403 method)   |
| <b>methanol (67-56-1)</b>  |  |
| LD50 oral rat  | 1187 – 2769 mg/kg bodyweight Animal: rat   |
| LD50 oral  | 1187 – 2769 mg/kg  |
| LD50 dermal rat  | 300 mg/kg  |
| LD50 dermal rabbit   | 15800 – 17100 mg/kg  |
| LC50 Inhalation - Rat  | 128,2 mg/l/4h  |
| LC50 Inhalation - Rat [ppm]  | 64000 ppm/4h   |
| LC50 Inhalation - Rat (Vapours)  | 128,2 mg/l/4h  |
| <b>3-aminopropyltriethoxysilane (919-30-2)</b>                                 |  |
| LD50 oral rat  | 2,83 ml/kg male  |
| LC50 Inhalation - Rat [ppm]  | > 5 ppm male   |
| <b>Titanium dioxide (13463-67-7)</b>   |  |
| LD50 oral rat  | > 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity) |
| LD50 dermal rat  | > 10000 mg/kg  |
| LD50 dermal rabbit   | > 10000 mg/kg  |
| LC50 Inhalation - Rat  | > 6,82 mg/l  |
| LC50 Inhalation - Rat (Dust/Mist)  | > 6,82 mg/l/4h   |
| Skin corrosion/irritation  | : Not classified<br>pH: insoluble in water   |
| Additional information   | : Based on available data, the classification criteria are not met   |
| <b>Titanium dioxide (13463-67-7)</b>   |  |
| pH   | 7  |
| Serious eye damage/irritation  | : Not classified<br>pH: insoluble in water   |
| Additional information   | : Based on available data, the classification criteria are not met   |
| <b>Titanium dioxide (13463-67-7)</b>   |  |
| pH   | 7  |
| Respiratory or skin sensitisation  | : Not classified   |
| Additional information   | : (OECD 406 method)<br>Does not cause cutaneous sensitisation for guinea-pigs<br>Conclusion by analogy<br>Based on available data, the classification criteria are not met               |
| Germ cell mutagenicity   | : Not classified   |
| Additional information   | : Based on available data, the classification criteria are not met   |
| Carcinogenicity  | : Not classified   |

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Additional information : Based on available data, the classification criteria are not met

### 3-aminopropyltriethoxysilane (919-30-2)

NOAEL (chronic, oral, animal/male, 2 years) > 43,8 mg/kg bodyweight

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

### methanol (67-56-1)

NOAEL (animal/male, F0/P) < 1000 mg/kg bodyweight Animal: mouse, Animal sex: male

STOT-single exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

### 2-Pentanone, O,O',O''-(methylsilyldiyne)trioxime (37859-55-5)

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

### 3-aminopropyltriethoxysilane (919-30-2)

LOAEL (oral, rat, 90 days) 600 mg/kg bodyweight/day

NOAEL (subchronic, oral, animal/male, 90 days) 200 mg/kg bodyweight

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

### Parasilico Premium T

Viscosity, kinematic > 10000 mm<sup>2</sup>/s

### 2-Pentanone, O,O',O''-(methylsilyldiyne)trioxime (37859-55-5)

Viscosity, kinematic 16,1 mm<sup>2</sup>/s at 20 °C

### Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics

Viscosity, kinematic 6,4 – 7,96 mm<sup>2</sup>/s

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

### 11.2.2. Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

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

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

### Fungicide 2-octyl-2H-isothiazol-3-one (26530-20-1)

LC50 - Fish [1] 122 µg/l (OECD 203 method)

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| <b>Fungicide 2-octyl-2H-isothiazol-3-one (26530-20-1)</b>                      |  |
|--|--|
| EC50 - Crustacea [1]   | 0,42 mg/l (OECD 202 method)  |
| EC50 72h - Algae [1]   | 0,084 mg/l (OECD 201 method)   |
| ErC50 algae  | (OECD 201 method)  |
| NOEC chronic fish  | 22 µg/l  |
| NOEC chronic crustacea   | 0,022 mg/l   |
| NOEC chronic algae   | 0,004 mg/l   |
| <b>Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> |  |
| LC50 - Fish [1]  | 1028 – 87556 g/l   |
| EC50 - Crustacea [1]   | 1 – 3193 g/l   |
| EC50 72h - Algae [1]   | 1 – 10 mg/l  |
| NOEC chronic fish  | 1 g/l  |
| NOEC chronic crustacea   | 5 mg/l   |
| <b>toluene (108-88-3)</b>  |  |
| LC50 - Fish [1]  | 5,5 (≥ 5) mg/l oncorhynchus kisutch  |
| EC50 - Crustacea [1]   | 3,78 mg/l Daphnia magna  |
| EC50 72h - Algae [1]   | 10 mg/l  |
| ErC50 algae  | 3h 134 mg/l  |
| NOEC chronic crustacea   | 0,74 mg/l Ceriodaphnia dubai   |
| NOEC chronic algae   | 10 mg/l Skeletonema costatum   |
| <b>methanol (67-56-1)</b>  |  |
| LC50 - Fish [1]  | 15400 mg/l Test organisms (species): Lepomis macrochirus   |
| EC50 - Crustacea [1]   | 18260 mg/l (OECD 202 method)   |
| EC50 96h - Algae [1]   | ≈ 22000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [2]   | 22000 mg/l Pseudokirchneriella subcapitata   |
| ErC50 algae  | 16912 mg/l ulva pertusa  |
| NOEC (chronic)   | 208 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish  | 7900 mg/l Oryzias latipes  |
| <b>3-aminopropyltriethoxysilane (919-30-2)</b>                                 |  |
| LC50 - Fish [1]  | > 100 mg/l Brachydanio rerio (zebra-fish)  |
| EC50 - Crustacea [1]   | > 100 mg/l Daphnia magna (Big water flea)  |
| EC50 72h - Algae [1]   | > 100 mg/l Pseudokirchneriella subcapitata   |
| NOEC chronic algae   | 72h 1,3 mg/l Desmodesmus subspicatus.  |
| <b>Titanium dioxide (13463-67-7)</b>   |  |
| LC50 - Fish [1]  | 155 mg/l Test organisms (species): other:Japanese Medaka   |
| LC50 - Fish [2]  | > 10000 mg/l   |
| EC50 - Crustacea [1]   | 19,3 mg/l Test organisms (species): Daphnia magna  |

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| <b>Titanium dioxide (13463-67-7)</b> |  |
|--------------------------------------|--|
| EC50 - Crustacea [2]                 | 27,8 mg/l Test organisms (species): Daphnia magna  |
| EC50 - Other aquatic organisms [1]   | > 1000 mg/l  |
| EC50 - Other aquatic organisms [2]   | 61 mg/l  |
| EC50 72h - Algae [1]                 | > 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2]                 | > 100 mg/l pseudokirchneriella subcapitata   |
| NOEC (chronic)                       | ≥ 2,92 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |
| NOEC chronic algae                   | 5600 mg/l  |

### 12.2. Persistence and degradability

| <b>Parasilico Premium T</b>                               |   |
|---|---|
| Persistence and degradability                             | May cause long-term adverse effects in the environment. |
| <b>Fungicide 2-octyl-2H-isothiazol-3-one (26530-20-1)</b> |   |
| Persistence and degradability                             | Readily biodegradable.                                  |
| Biodegradation  | 3 - 5 days  |
| <b>toluene (108-88-3)</b>                                 |   |
| Persistence and degradability                             | Readily biodegradable.                                  |
| Biochemical oxygen demand (BOD)                           | 1,23 g O <sub>2</sub> /g substance                      |
| <b>methanol (67-56-1)</b>                                 |   |
| Persistence and degradability                             | Readily biodegradable.                                  |
| <b>3-aminopropyltriethoxysilane (919-30-2)</b>            |   |
| Persistence and degradability                             | Not readily biodegradable. Hydrolysis in water.         |
| Biodegradation  | 28d 67 % (OECD 301A method)                             |
| <b>Titanium dioxide (13463-67-7)</b>                      |   |
| Persistence and degradability                             | Not readily biodegradable.                              |

### 12.3. Bioaccumulative potential

| <b>Parasilico Premium T</b>  |                                 |
|--|---------------------------------|
| Partition coefficient n-octanol/water (Log Pow)                      | Not applicable for preparations |
| Partition coefficient n-octanol/water (Log Kow)                      | Not applicable for preparations |
| Bioaccumulative potential  | Not established.                |
| <b>Fungicide 2-octyl-2H-isothiazol-3-one (26530-20-1)</b>            |                                 |
| Partition coefficient n-octanol/water (Log Kow)                      | 2,92 (OECD 117 method)          |
| Bioaccumulative potential  | Low bioaccumulation potential.  |
| <b>2-Pentanone, O,O',O''-(methylsilylidyne)trioxime (37859-55-5)</b> |                                 |
| Partition coefficient n-octanol/water (Log Pow)                      | 1,25                            |

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| <b>toluene (108-88-3)</b>                       |                                   |
|---|-----------------------------------|
| Bioaccumulative potential                       | Bioaccumulation unlikely.         |
| <b>methanol (67-56-1)</b>                       |                                   |
| Bioconcentration factor (BCF REACH)             | < 10                              |
| Partition coefficient n-octanol/water (Log Pow) | -0,77                             |
| Bioaccumulative potential                       | Low bioaccumulation potential.    |
| <b>3-aminopropyltriethoxysilane (919-30-2)</b>  |                                   |
| Bioconcentration factor (BCF REACH)             | 3,4 Cyprinus carpio (Common Carp) |
| Bioaccumulative potential                       | not bioaccumulative.              |
| <b>Titanium dioxide (13463-67-7)</b>            |                                   |
| BCF - Fish [1]                                  | 352                               |

### 12.4. Mobility in soil

| <b>2-Pentanone, O,O',O''-(methylsilyldiyne)trioxime (37859-55-5)</b> |                                |
|--|--------------------------------|
| Surface tension  | 69,5 mN/m                      |
| <b>toluene (108-88-3)</b>  |                                |
| Ecology - soil   | Product adsorbs onto the soil. |

### 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

|  |   |
|--|---|
| Regional legislation (waste)               | : Disposal must be done according to official regulations.  |
| Waste treatment methods                    | : Reprocess or burn in an approved incinerator.   |
| Product/Packaging disposal recommendations | : Empty the packaging completely prior to disposal. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.<br>Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| Ecology - waste materials                  | : Avoid release to the environment.   |
| European List of Waste (LoW) code          | : 08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09<br>08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances  |

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HP Code : HP3 - "Flammable:"

- flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
- flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
- flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
- flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
- water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
- other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP7 - "Carcinogenic:" waste which induces cancer or increases its incidence

### 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 applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

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### 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

##### 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)

##### 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 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)

| Name    | CN designation | CAS-No.  | CN code    | Category   | Threshold | Annex   |
|---------|----------------|----------|------------|------------|-----------|---------|
| Toluene |                | 108-88-3 | 2902 30 00 | Category 3 |           | Annex I |

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

**For the following substances of this mixture a chemical safety assessment has been carried out:**

toluene  
methanol

## SECTION 16: Other information

#### Indication of changes:

Regulatory information. Physical and chemical properties.

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| <b>Abbreviations and acronyms:</b> |   |
|------------------------------------|---|
| CAS-No.                            | Chemical Abstract Service number  |
| ADR                                | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| ADN                                | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| BCF                                | Bioconcentration factor   |
| BLV                                | Biological limit value  |
| BOD                                | Biochemical oxygen demand (BOD)   |
| CLP                                | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| COD                                | Chemical oxygen demand (COD)  |
| DMEL                               | Derived Minimal Effect level  |
| DNEL                               | Derived-No Effect Level   |
| EC50                               | Median effective concentration  |
| EN                                 | European Standard   |
| IATA                               | International Air Transport Association   |
| IMDG                               | International Maritime Dangerous Goods  |
| LC50                               | Median lethal concentration   |
| LD50                               | 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   |
| REACH                              | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID                                | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS                                | Safety Data Sheet   |
| vPvB                               | Very Persistent and Very Bioaccumulative  |

|                   |   |
|-------------------|---|
| Data sources      | : ECHA (European Chemicals Agency). REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. |
| Training advice   | : Normal use of this product shall imply use in accordance with the instructions on the packaging.  |
| Other information | : None.   |

| <b>Full text of H- and EUH-statements:</b> |                                     |
|--|-------------------------------------|
| Acute Tox. 2 (Inhalation)                  | Acute toxicity (inhal.), Category 2 |
| Acute Tox. 3 (Dermal)                      | Acute toxicity (dermal), Category 3 |

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| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 3 (Inhalation)           | Acute toxicity (inhal.), Category 3   |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3   |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4   |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1   |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3   |
| Asp. Tox. 1                         | Aspiration hazard, Category 1   |
| Carc. 2                             | Carcinogenicity, Category 2   |
| EUH071                              | Corrosive to the respiratory tract.   |
| EUH208                              | Contains Fungicide 2-octyl-2H-isothiazol-3-one, 3-aminopropyltriethoxysilane. May produce an allergic reaction. |
| EUH211                              | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.                |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1   |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2   |
| Flam. Liq. 2                        | Flammable liquids, Category 2   |
| H225                                | Highly flammable liquid and vapour.   |
| H301                                | Toxic if swallowed.   |
| H302                                | Harmful if swallowed.   |
| H304                                | May be fatal if swallowed and enters airways.   |
| H311                                | Toxic 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.  |
| H319                                | Causes serious eye irritation.  |
| H330                                | Fatal if inhaled.   |
| H331                                | Toxic if inhaled.   |
| H336                                | May cause drowsiness or dizziness.  |
| H351                                | Suspected of causing cancer.  |
| H361d                               | Suspected of damaging the unborn child.   |
| H370                                | Causes damage to organs.  |
| H371                                | May cause damage to organs.   |
| H373                                | May cause damage to organs through prolonged or repeated exposure.  |
| H400                                | Very toxic to aquatic life.   |
| H410                                | Very toxic to aquatic life with long lasting effects.   |
| H412                                | Harmful to aquatic life with long lasting effects.  |
| Repr. 2                             | Reproductive toxicity, Category 2   |

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### Full text of H- and EUH-statements:

|               |  |
|---------------|--|
| Skin Corr. 1  | Skin corrosion/irritation, Category 1                                  |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B                 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2                                  |
| Skin Sens. 1A | Skin sensitisation, category 1A  |
| Skin Sens. 1B | Skin sensitisation, category 1B  |
| STOT RE 2     | Specific target organ toxicity – Repeated exposure, Category 2         |
| STOT SE 1     | Specific target organ toxicity – single exposure, Category 1           |
| STOT SE 2     | Specific target organ toxicity – Single exposure, Category 2           |
| STOT SE 3     | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

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

|                   |        |                       |
|-------------------|--------|-----------------------|
| Aquatic Chronic 3 | H412   | Calculation method    |
| EUH208            | EUH208 | Calculation method    |
| EUH211            | EUH211 | On basis of test data |

SDS EU DL Chemicals

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.