# FARECLA PROFILE POLYMER UV WAX

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 8/1/2021 Revision date: 8/1/2021 Supersedes version of: 10/18/2016 Version: 1.5

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

### 1.1. Product identifier

Product form : Mixture
Trade name : FARECLA PROFILE POLYMER UV WAX
Product code : PRW101, PRW106

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Polishes and wax blends.

#### 1.2.2. Uses advised against

Restrictions on use : This material should not be used for any other purpose than the identified uses without expert advice. Improper use may cause potential health, safety and environmental risks.

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

**Manufacturer**
Farecla Products Limited
Broadmeads
Ware, SG12 9HS – Hertfordshire
UK
T +44 (0)19 2046 5041 (8:30-16:30 Monday to Friday) - F +44 (0)19 2046 6557
technical@farecla.com - www.farecla.com

**Only Representative**
Saint-Gobain Coating Solutions
50 rue du Mourelet Z.I. Courtine Mourre Frais, B.P.
FR– 90966 84093 Avignon – Cedex
France
T 0033 (0) 4 90 85 85 00 - F 0033 (0) 4 90 82 94 52
qualité-ehs.coating-solutions@saint-gobain.com

### 1.4. Emergency telephone number

Emergency number : +44 (0)19 2046 5041 (8:30-16:30 Monday to Friday)

| Country | Organisation/Company | 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 (public, 8am - 10pm, 7/7) | |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital<br>MSD 2090 Msida | +356 2545 6508 | |
| United Kingdom | National Poisons Information Service (Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham | 0344 892 0111 | |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Not Classified

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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

## 2.2. Label elements

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

EUH-statements : EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one(2634-33-5), 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone. May produce an allergic reaction.
EUH210 - Safety data sheet available on request.

Extra phrases : For professional users only.

### Nordic countries regulation

**Denmark**

MAL code : 00-1

## 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
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

# 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] |
|---|---|---|---|
| Water | CAS-No.: 7732-18-5<br>EC-No.: 231-791-2 | 50 - 80 | Not Classified |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | EC-No.: 919-857-5<br>REACH-no: 01-2119463258-33 | 10 – 30 | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>Asp. Tox. 1, H304 |
| Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2% aromatics | CAS-No.: 64742-46-7<br>EC-No.: 919-029-3<br>REACH-no: 01-2119457735-29 | 1 – 10 | Asp. Tox. 1, H304 |
| Aluminium Oxide | CAS-No.: 1344-28-1<br>EC-No.: 215-691-6<br>REACH-no: 01-2119529248-35 | 1 – 10 | Not Classified |
| 1,2-Benzisothiazol-3(2H)-one | CAS-No.: 2634-33-5<br>EC-No.: 220-120-9<br>EC Index-No.: 613-088-00-6<br>REACH-no: 01-2120761540-60 | < 0.05 | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| Sodium Nitrate | CAS-No.: 7631-99-4<br>EC-No.: 231-554-3<br>REACH-no: 01-2119488221-41 | < 0.003 | Ox. Sol. 2, H272<br>Eye Irrit. 2, H319 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone | CAS-No.: 55965-84-9<br>EC-No.: 611-341-5;911-418-6<br>EC Index-No.: 613-167-00-5<br>REACH-no: 01-2120764691-48 | < 0.0015 | Acute Tox. 3 (Oral), H301<br>Acute Tox. 2 (Dermal), H310<br>Acute Tox. 2 (Inhalation), H330<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=10) |

**Specific concentration limits:**

| Name | Product identifier | Specific concentration limits |
|---|---|---|
| 1,2-Benzisothiazol-3(2H)-one | CAS-No.: 2634-33-5<br>EC-No.: 220-120-9<br>EC Index-No.: 613-088-00-6<br>REACH-no: 01-2120761540-60 | ( 0.05 ≤C ≤ 100) Skin Sens. 1, H317 |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone | CAS-No.: 55965-84-9<br>EC-No.: 611-341-5;911-418-6<br>EC Index-No.: 613-167-00-5<br>REACH-no: 01-2120764691-48 | ( 0.0015 ≤C < 100) Skin Sens. 1A, H317<br>( 0.06 ≤C < 0.6) Eye Irrit. 2, H319<br>( 0.06 ≤C < 0.6) Skin Irrit. 2, H315<br>( 0.6 ≤C < 100) Skin Corr. 1C, H314<br>( 0.6 ≤C < 100) Eye Dam. 1, H318 |

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 after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell. Rinse mouth out with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

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

Symptoms/effects after inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact : Contact during a long period may cause light irritation. Itching.

Symptoms/effects after eye contact : May cause eye irritation. redness, itching, tears.

Symptoms/effects after ingestion : May cause irritation to the digestive tract. Ingestion may cause nausea and vomiting.

### 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 : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : None known.

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

| | | |
|---|---|---|
| Fire hazard | : | Unidentified organic compounds may be formed in fumes and smoke during combustion. |
| Hazardous decomposition products in case of fire | : | Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Nitrogen oxides. |

### 5.3. Advice for firefighters

| | | |
|---|---|---|
| Precautionary measures fire | : | Keep container closed when not in use. |
| Protection during firefighting | : | Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
| Other information | : | High temperature decomposition products are harmful by inhalation. |

## SECTION 6: Accidental release measures

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

General measures : Avoid contact with skin and eyes. Stop leak if safe to do so. Clean up any spills as soon as possible, using an absorbent material to collect it.

#### 6.1.1. For non-emergency personnel

| | | |
|---|---|---|
| Protective equipment | : | Wear recommended personal protective equipment. |
| Emergency procedures | : | Ventilate spillage area. |

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

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

| | | |
|---|---|---|
| Methods for cleaning up | : | Take up liquid spill into absorbent material. Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal. Clean contaminated surfaces with an excess of water. |
| 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 further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Precautions for safe handling | : | Ensure good ventilation of the work station. Wear personal protective equipment. |
| Hygiene measures | : | Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

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

| | | |
|---|---|---|
| Storage conditions | : | Store in a well-ventilated place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep at temperatures above freezing. Allowing freezing conditions may degrade product. |
| Incompatible products | : | Strong acids. Oxidizing agent. |
| Incompatible materials | : | Oxidizers (strong). |
| Maximum storage period | : | 18 months |
| Storage temperature | : | 5 – 35 °C |
| Information on mixed storage | : | Store away from foodstuffs. |
| Storage area | : | Store away from heat. Store in a well-ventilated place. |
| Special rules on packaging | : | Keep only in original container. Store in a closed container. |

### 7.3. Specific end use(s)

Refer to Section 1.2 - Relevant identified uses.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9) | |
|---|---|
| **Austria - Occupational Exposure Limits** | |
| MAK (OEL TWA) | 0.05 mg/m³ (5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-methyl-2,3-dihydroisothiazol-3-one mixture in ratio 3:1) |
| OEL chemical category | Skin sensitizer |
| **Switzerland - Occupational Exposure Limits** | |
| Local name | 2,3-Dihydro-isothiazol-3-one de 5-chloro-2-méthyle et 2,3-dihydro-isothiazol-3-one de 2-méthyle [2,3-Dihydro-isothiazol-3-one de 5-chloro-2-méthyle, 2,3-Dihydro-isothiazol-3-one de 2-méthyle] / 5-Chlor-2-methyl-2,3-dihydro-isothiazol-3-on und 2-Methyl-2,3-dihydroisothiazol-3-on [2-Methyl-2,3-dihydroisothiazol-3-on, 5-Chlor-2-methyl-2,3-dihydroisothiazol-3-on] |
| MAK (OEL TWA) [1] | 0.2 mg/m³ (i) / (e) |
| KZGW (OEL STEL) | 0.4 mg/m³ (i) / (e) |
| Critical toxicity | VRS, Peau, Yeux / OAW, Haut, Auge |
| Notation | S, $SS_C$ / S, $SS_C$ |
| Regulatory reference | www.suva.ch, 01.01.2021 |

| Sodium Nitrate (7631-99-4) | |
|---|---|
| **Czech Republic - Occupational Exposure Limits** | |
| PEL (OEL TWA) | 6 mg/m³ (dust) |

| Aluminium Oxide (1344-28-1) | |
|---|---|
| **Austria - Occupational Exposure Limits** | |
| MAK (OEL TWA) | 5 mg/m³ (respirable fraction, smoke) |
| MAK (OEL STEL) | 10 mg/m³ (respirable fraction, smoke) |
| **Belgium - Occupational Exposure Limits** | |
| Local name | Aluminium (métal et composés insolubles, fraction alvéolaire) # Aluminium (metaal en onoplosbare verbindingen, inadembare fractie) |
| OEL TWA | 1 mg/m³ |
| Regulatory reference | Koninklijk besluit/Arrêté royal 19/11/2020 |
| **Croatia - Occupational Exposure Limits** | |
| GVI (OEL TWA) [1] | 10 mg/m³ (total dust, inhalable particles)<br>4 mg/m³ (respirable dust) |
| **Denmark - Occupational Exposure Limits** | |
| OEL TWA [1] | 5 mg/m³ (total)<br>2 mg/m³ (respirable) |

| Aluminium Oxide (1344-28-1) | |
|---|---|
| **Estonia - Occupational Exposure Limits** | |
| OEL TWA | 10 mg/m³ (total dust)<br>4 mg/m³ (respirable dust) |
| **France - Occupational Exposure Limits** | |
| Local name | Aluminium (Trioxyde de di-) |
| VME (OEL TWA) | 10 mg/m³ |
| Remark | Valeurs recommandées/admises |
| Regulatory reference | Circulaire du Ministère du travail (réf.: INRS ED 984, 2016) |
| **Greece - Occupational Exposure Limits** | |
| Local name | Αλουμίνα, α- |
| OEL TWA | 10 mg/m³ (inhalable fraction)<br>5 mg/m³ (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 |
| **Hungary - Occupational Exposure Limits** | |
| AK (OEL TWA) | 6 mg/m³ (respirable dust) |
| **Ireland - Occupational Exposure Limits** | |
| Local name | Aluminium oxides |
| OEL TWA [1] | 4 mg/m³ respirable dust<br>10 mg/m³ total inhalable dust |
| Regulatory reference | Chemical Agents Code of Practice 2020 |
| **Latvia - Occupational Exposure Limits** | |
| OEL TWA | 6 mg/m³ (disintegration aerosol) |
| **Lithuania - Occupational Exposure Limits** | |
| IPRV (OEL TWA) | 5 mg/m³ (inhalable fraction)<br>2 mg/m³ (respirable fraction) |
| **Poland - Occupational Exposure Limits** | |
| Local name | Tritlenek glinu |
| NDS (OEL TWA) | 2.5 mg/m³ (inhalable fraction)<br>1.2 mg/m³ (respirable fraction) |
| Regulatory reference | Dz. U. 2018 poz. 1286 |
| **Portugal - Occupational Exposure Limits** | |
| OEL TWA | 10 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica) |
| OEL chemical category | A4 - Not Classifiable as a Human Carcinogen |
| **Romania - Occupational Exposure Limits** | |
| OEL TWA | 2 mg/m³ (aerosols)<br>3 mg/m³ (dust (Aluminium and Aluminium oxides)<br>1 mg/m³ (fume (Aluminium and Aluminium oxides) |
| OEL STEL | 5 mg/m³ (aerosols)<br>10 mg/m³ (dust (Aluminium and Aluminium oxides)<br>3 mg/m³ (fume (Aluminium and Aluminium oxides) |

| Aluminium Oxide (1344-28-1) | |
|---|---|
| **Slovakia - Occupational Exposure Limits** | |
| NPHV (OEL TWA) [1] | 4 mg/m³ (inhalable dust) |
| **Spain - Occupational Exposure Limits** | |
| Local name | Óxido de aluminio (Corindón) |
| VLA-ED (OEL TWA) [1] | 10 mg/m³ |
| Regulatory reference | Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT |
| **Sweden - Occupational Exposure Limits** | |
| NGV (OEL TWA) | 5 mg/m³ (total dust)<br>2 mg/m³ (respirable fraction) |
| **United Kingdom - Occupational Exposure Limits** | |
| Local name | Aluminium oxides |
| WEL TWA (OEL TWA) [1] | 10 mg/m³ inhalable dust<br>4 mg/m³ respirable dust |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |
| **Norway - Occupational Exposure Limits** | |
| Local name | Aluminiumoksid |
| Grenseverdi (OEL TWA) [1] | 10 mg/m³ (equal to the limit value for Nuisance dust) |
| Korttidsverdi (OEL STEL) | 15 mg/m³ (equal to the limit value for Nuisance dust) |
| Regulatory reference | FOR-2020-04-06-695 |
| **Switzerland - Occupational Exposure Limits** | |
| Local name | Aluminium oxyde / Aluminiumoxid [Korund] |
| MAK (OEL TWA) [1] | 3 mg/m³ (respirable dust, smoke) |
| KZGW (OEL STEL) | 24 mg/m³ (respirable dust, smoke) |
| Critical toxicity | Formel / Formal |
| Notation | B / B |
| Remark | NIOSH |
| Regulatory reference | www.suva.ch, 01.01.2020 |
| **Switzerland - BAT** | |
| BAT | 60 µg/g creatinine Parameter: Aluminum - Medium: urine - Sampling time: no restrictions |

#### 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:**
Gloves.

**Personal protective equipment symbol(s):**

#### 8.2.2.1. Eye and face protection

**Eye protection:**
Chemical goggles or safety glasses

#### 8.2.2.2. Skin protection

**Skin and body protection:**
Wear suitable protective clothing

**Hand protection:**
Protective gloves. Nitrile rubber gloves

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**
No respiratory protection needed under normal use conditions. The fine-dust mask with exhale Valve is recommended to use when dust and mist exceed exposure limits in air, according to EN149:2001 + A1:2009 FFP2 NR standard. The respiratory mask should be worn when respiratory hazards has been identified and evaluated. Respiratory protection should be always determined on quantitative exposure assessments.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**
Avoid release to the environment.

**Consumer exposure controls:**
The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

## SECTION 9: Physical and chemical properties

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

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Colour | : | light red. |
| Odour | : | pleasant. |
| Odour threshold | : | Not available |
| Melting point | : | Not applicable |
| Freezing point | : | ≈ 0 °C |
| Boiling point | : | > 100 °C |
| Flammability | : | Not applicable |
| Explosive properties | : | Product is not explosive. |
| Oxidising properties | : | Non oxidizing material according to EC criteria. |
| Explosive limits | : | Not available |
| Lower explosive limit (LEL) | : | Not applicable. |
| Upper explosive limit (UEL) | : | Not applicable. |
| Flash point | : | > 93 °C |
| Auto-ignition temperature | : | Not available |
| Decomposition temperature | : | Not available |
| pH | : | 7.5 – 8.5 |
| Viscosity, kinematic | : | 8000 – 12000 mm²/s 20 C |
| Viscosity, dynamic | : | 8000 – 12000 cP Brookfield viscometer |

| | | |
|---|---|---|
| Solubility | : | Slightly soluble. |
| 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 | : | 0.98 – 1 |
| Relative vapour density at 20 °C | : | Not available |
| Particle size | : | Not applicable |
| Particle size distribution | : | Not applicable |
| Particle shape | : | Not applicable |
| Particle aspect ratio | : | Not applicable |
| Particle aggregation state | : | Not applicable |
| Particle agglomeration state | : | Not applicable |
| Particle specific surface area | : | Not applicable |
| Particle dustiness | : | 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

VOC content : 131 g/l

## 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

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

Strong oxidizers. Strong acids.

### 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) | : | Not Classified |
| Acute toxicity (dermal) | : | Not Classified |
| Acute toxicity (inhalation) | : | Not Classified |

| 1,2-Benzisothiazol-3(2H)-one (2634-33-5) | |
|---|---|
| LD50 oral rat | 1020 mg/kg |
| LD50 oral | 670 mg/kg |

| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9) | |
|---|---|
| LD50 oral rat | 53 mg/kg |
| LD50 dermal rat | > 141 mg/kg |

| Sodium Nitrate (7631-99-4) | |
|---|---|
| LD50 oral rat | ≈ 3430 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

| Water (7732-18-5) | |
|---|---|
| LD50 oral rat | > 90 ml/kg |

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | |
|---|---|
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal rabbit | ≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

| Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-46-7) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rabbit | > 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 5266 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other: |

| Aluminium Oxide (1344-28-1) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg |

Skin corrosion/irritation : Not Classified
pH: 7.5 – 8.5

Serious eye damage/irritation : Not Classified
pH: 7.5 – 8.5

Respiratory or skin sensitisation : Not Classified

Germ cell mutagenicity : Not Classified

Carcinogenicity : Not Classified

Reproductive toxicity : Not Classified

| Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-46-7) | |
|---|---|
| NOAEL (animal/male, F0/P) | ≥ 3000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 (One-Generation Reproduction Toxicity Study) |
| NOAEL (animal/female, F0/P) | ≥ 1500 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 415 (One-Generation Reproduction Toxicity Study) |
| NOAEL (animal/female, F1) | ≥ 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)] |

| Aluminium Oxide (1344-28-1) | |
|---|---|
| NOAEL (animal/male, F0/P) | 1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

STOT-single exposure : Not Classified

| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

STOT-repeated exposure : Not Classified

| Sodium Nitrate (7631-99-4) | |
|---|---|
| NOAEL (oral, rat, 90 days) | ≥ 1500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

| Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-46-7) | |
|---|---|
| NOAEL (oral, rat, 90 days) | ≥ 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (dermal, rat/rabbit, 90 days) | > 495 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |
| NOAEC (inhalation, rat, vapour, 90 days) | > 10.4 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |

| Aluminium Oxide (1344-28-1) | |
|---|---|
| LOAEC (inhalation, rat,dust/mist/fume, 90 days) | 0.015 mg/l air Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies) |
| NOAEC (inhalation, rat, dust/mist/fume, 90 days) | 0.07 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |

Aspiration hazard : Not Classified

| FARECLA PROFILE POLYMER UV WAX | |
|---|---|
| Viscosity, kinematic | 8000 – 12000 mm²/s 20 C |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

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

Hazardous to the aquatic environment, long-term (chronic) : Not Classified

Not rapidly degradable

| 1,2-Benzisothiazol-3(2H)-one (2634-33-5) | |
|---|---|
| EC50 - Crustacea [1] | 0.99 mg/l |

| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9) | |
|---|---|
| LC50 - Fish [1] | 0.22 mg/l (rainbow trout) (OECD 203) |
| EC50 - Crustacea [1] | 0.1 mg/l |
| EC50 - Crustacea [2] | 0.0052 mg/l (Skeletonema costatum) (OECD 201) |
| EC50 72h - Algae [1] | 0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201) |
| NOEC chronic fish | 0.0098 mg/l 28 d (rainbow trout) (OECD 210) |
| NOEC chronic crustacea | 0.004 mg/l 21 d (Daphnia) (OECD 211) |
| NOEC chronic algae | 0.0012 mg/l 72 h (Pseudokirchneriella subcapitata) (OECD 201) |

| Sodium Nitrate (7631-99-4) | |
|---|---|
| LC50 - Fish [1] | 2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| LC50 - Fish [2] | 994.4 – 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |

| Aluminium Oxide (1344-28-1) | |
|---|---|
| EC50 72h - Algae [1] | 1.05 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 0.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

### 12.2. Persistence and degradability

| FARECLA PROFILE POLYMER UV WAX | |
|---|---|
| Persistence and degradability | Readily biodegradable. |

### 12.3. Bioaccumulative potential

| FARECLA PROFILE POLYMER UV WAX | |
|---|---|
| Bioaccumulative potential | No indication of bio-accumulation potential. |

| 1,2-Benzisothiazol-3(2H)-one (2634-33-5) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 1.3 (25 °C) |

| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9) | |
|---|---|
| Bioconcentration factor (BCF REACH) | 3.6 (calculated) S 1177 |

| Sodium Nitrate (7631-99-4) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | -3.8 (at 25 °C) |

### 12.4. Mobility in soil

| FARECLA PROFILE POLYMER UV WAX | |
|---|---|
| Ecology - soil | Readily absorbed into soil. |

### 12.5. Results of PBT and vPvB assessment

| FARECLA PROFILE POLYMER UV WAX |
|---|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

## SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number or ID number** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.2. UN proper shipping name** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.3. Transport hazard class(es)** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.4. Packing group** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.5. Environmental hazards** | | | | |
| 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

| EU restriction list (REACH Annex XVII) | |
|---|---|
| **Reference code** | **Applicable on** |
| 3(a) | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| 3(b) | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics ; Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| 40. | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics |

Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants
Contains substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.
ANNEX II REPORTABLE EXPLOSIVES PRECURSORS
List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

| Name | CAS-No. | Combined Nomenclature code (CN) | Combined Nomenclature code for mixture without constituents which would determine classification under another CN code |
|---|---|---|---|
| Sodium nitrate | 7631-99-4 | 3102 50 00 | ex 3824 99 96 |

Please see https://ec.europa.eu/home-affairs/sites/default/files/what-we-do/policies/crisis-and-terrorism/explosives/explosives-precursors/docs/list_of_competent_authorities_and_national_contact_points_en.pdf

VOC content : 131 g/l

CESIO recommendations : The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 15.1.2. National regulations

**France**

**Occupational diseases**

| Code | Description |
|---|---|
| RG 65 | Eczematiform lesions of allergic mechanism |
| RG 66 | Occupational rhinitis and asthma |
| RG 84 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

**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 – Vruchtbaarheid : None of the components are listed

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

**Denmark**

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

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

**Switzerland**

Storage class (LK) : LK 10/12 - Liquids

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : Supplier's safety documents. 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.

| Full text of H- and EUH-statements: | |
|---|---|
| Acute Tox. 2 (Dermal) | Acute toxicity (dermal), Category 2 |
| Acute Tox. 2 (Inhalation) | Acute toxicity (inhal.), Category 2 |
| 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 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| EUH208 | Contains 1,2-Benzisothiazol-3(2H)-one(2634-33-5), 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request. |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| H226 | Flammable liquid and vapour. |
| H272 | May intensify fire; oxidiser. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H310 | Fatal in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| Ox. Sol. 2 | Oxidising Solids, Category 2 |
| Skin Corr. 1C | Skin corrosion/irritation, Category 1, Sub-Category 1C |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1A | Skin sensitisation, category 1A |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |

While Farecla Products Ltd. believes that the data and information contained herein are factual and the opinions are those of qualified experts, they are not to be taken as a warranty or representation for which Farecla assumes any legal responsibility. They are offered solely for the consideration, investigation, data and information in accordance with applicable laws and regulations.