



# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 8/23/2022 Revision date: 8/23/2022 Supersedes version of: 3/14/2016 Version: 1.4

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND  
Product code : G3E124, G3E524  
Product group : Blend

#### 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  
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, Polishes and wax blends

#### 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 T 0033 (0) 4 90 85 85 00 - F 0033 (0) 4 90 82 94 52  
6557

[technical@farecla.com](mailto:technical@farecla.com) - [www.farecla.com](http://www.farecla.com)

##### Only Representative

Saint-Gobain Coating Solutions  
50 rue du Mourelet Z.I. Courtine Moure Fraix, B.P.  
FR- 90966 84093 Avignon – Cedex  
France

[qualite-ehs.coating-solutions@saint-gobain.com](mailto:qualite-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-<br>24/7)<br>+353 1 809 2166 (public,<br>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<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham        | 0344 892 0111                                                                                          | Only for healthcare<br>professionals |

### SECTION 2: Hazards identification

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

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

Not Classified

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 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(55965-84-9). May produce an allergic reaction.  
EUH210 - Safety data sheet available on request.

### Nordic countries regulation

#### Denmark

MAL code : 00-1

## 2.3. Other hazards

Other hazards which do not result in classification : If in eyes: this material may cause mechanical irritation.

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

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

| Component                                                                                     |                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aluminium Oxide (1344-28-1)                                                                   | 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 |
| Glycerol (56-81-5)                                                                            | 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 |
| 2,2',2"-nitritoltriethanol (102-71-6)                                                         | 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 |
| 1,2-benzisothiazol-3(2H)-one (2634-33-5)                                                      | 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 |
| Sodium Nitrate (7631-99-4)                                                                    | 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 |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9) | 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 %

| Component                                |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| White mineral oil (petroleum)(8042-47-5) | 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

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 3.2. Mixtures

| Name                                                                             | Product identifier                                                                                   | %        | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                                                                                  |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aluminium Oxide                                                                  | CAS-No.: 1344-28-1<br>EC-No.: 215-691-6<br>REACH-no: 01-2119529248-35                                | 10 – 30  | Not Classified                                                                                                                                                                                                                   |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics             | CAS-No.: 64742-47-8<br>EC-No.: 926-141-6<br>REACH-no: 01-2119456620-43                               | 1 – 10   | Asp. Tox. 1, H304                                                                                                                                                                                                                |
| White mineral oil (petroleum)                                                    | CAS-No.: 8042-47-5<br>EC-No.: 232-455-8<br>REACH-no: 2119487078-27                                   | 1 – 10   | Asp. Tox. 1, H304                                                                                                                                                                                                                |
| Glycerol                                                                         | CAS-No.: 56-81-5<br>EC-No.: 200-289-5<br>REACH-no: 01-2119471987-18                                  | 1 – 10   | Not Classified                                                                                                                                                                                                                   |
| 2,2',2"-nitrilotriethanol                                                        | CAS-No.: 102-71-6<br>EC-No.: 203-049-8<br>REACH-no: 01-2119486482-31                                 | < 1      | 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   | Skin Sens. 1, H317<br>Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318<br>Skin Irrit. 2, H315<br>Aquatic Acute 1, H400                                                                                                              |
| Benzyl benzoate                                                                  | CAS-No.: 120-51-4<br>EC-No.: 204-402-9<br>EC Index-No.: 607-085-00-9<br>REACH-no: 01-2119976371-33   | ≤ 0.015  | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411                                                                                                                                                    |
| Sodium Nitrate                                                                   | CAS-No.: 7631-99-4<br>EC-No.: 231-554-3<br>REACH-no: 01-2119488221-41                                | ≤ 0.003  | Ox. Sol. 3, H272<br>Eye Irrit. 2, H319                                                                                                                                                                                           |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone | CAS-No.: 55965-84-9<br>EC-No.: 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    |
|-------------------------------|--------------------------------------------------------------------|----------------------------------|
| White mineral oil (petroleum) | CAS-No.: 8042-47-5<br>EC-No.: 232-455-8<br>REACH-no: 2119487078-27 | ( 0 ≤ C < 100) Asp. Tox. 1, H304 |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 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.: 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) Skin Irrit. 2, H315<br>( 0.06 ≤C < 0.6) Eye Irrit. 2, H319<br>( 0.6 ≤C ≤ 100) Skin Corr. 1C, H314<br>( 0.6 ≤C ≤ 100) Eye Dam. 1, H318 |

### Comments

: Contains amongst other ingredients:  
15-30% zeolites; 5-15% aliphatic hydrocarbons; <5% nonionic surfactants, polycarboxylates, perfume, chloromethylisothiazolinone, methylisothiazolinone, benzisothiazolinone. Contains fragrance allergen(s): 0.015% Benzyl Benzoate. For more ingredient information visit [www.farecla.com](http://www.farecla.com)

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            | : IF exposed or concerned: Get medical advice/attention.                                                                                                               |
| 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 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    | : 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 | : Do not scatter spilled material with high-pressure water streams. |

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

|                                                  |                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------|
| Fire hazard                                      | : No fire hazard.                                                                |
| 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. Stop leak if safe to do so.                                          |
| Firefighting instructions   | : Fight fire with normal precautions from a reasonable distance. In case of fire: stop leak if safe to do so. |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|                                |                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
| Other information              | : On exposure to high temperature, may decompose, releasing toxic gases.                                                                 |

## SECTION 6: Accidental release measures

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

|                  |                                              |
|------------------|----------------------------------------------|
| General measures | : Evacuate area. Stop leak if safe to do so. |
|------------------|----------------------------------------------|

#### 6.1.1. For non-emergency personnel

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment.   |
| Emergency procedures | : Ventilate spillage area. Avoid contact with eyes. |

#### 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". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so. Cover spill with non combustible material, e.g.: sand/earth.                                  |

### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Dike and contain spill. Collect spillage.                                                                                                                                                                     |
| 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. Keep at temperatures above freezing. Allowing freezing conditions may degrade product. |
| Incompatible products        | : Oxidizing agent. Strong acids. Strong bases.                                                                                        |
| Information on mixed storage | : Store away from foodstuffs.                                                                                                         |
| Storage area                 | : Store away from heat. Store in a well-ventilated place.                                                                             |
| Special rules on packaging   | : Store in a closed container. Keep only in original 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

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Aluminium Oxide (1344-28-1)              |                                                                                                                                         |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Austria - Occupational Exposure Limits   |                                                                                                                                         |
| MAK (OEL TWA)                            | 5 mg/m <sup>3</sup> (respirable fraction, smoke)                                                                                        |
| MAK (OEL STEL)                           | 10 mg/m <sup>3</sup> (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/m <sup>3</sup>                                                                                                                     |
| Regulatory reference                     | Koninklijk besluit/Arrêté royal 11/05/2021                                                                                              |
| Croatia - Occupational Exposure Limits   |                                                                                                                                         |
| GVI (OEL TWA) [1]                        | 10 mg/m <sup>3</sup> (total dust, inhalable particles)<br>4 mg/m <sup>3</sup> (respirable dust)                                         |
| Denmark - Occupational Exposure Limits   |                                                                                                                                         |
| OEL TWA [1]                              | 5 mg/m <sup>3</sup> (total)<br>2 mg/m <sup>3</sup> (respirable)                                                                         |
| Estonia - Occupational Exposure Limits   |                                                                                                                                         |
| OEL TWA                                  | 10 mg/m <sup>3</sup> (total dust)<br>4 mg/m <sup>3</sup> (respirable dust)                                                              |
| France - Occupational Exposure Limits    |                                                                                                                                         |
| Local name                               | Aluminium (Trioxyde de di-)                                                                                                             |
| VME (OEL TWA)                            | 10 mg/m <sup>3</sup>                                                                                                                    |
| 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/m <sup>3</sup> αναπν.<br>5 mg/m <sup>3</sup> εισπν.                                                                               |
| 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/m <sup>3</sup> (respirable dust)                                                                                                   |
| Ireland - Occupational Exposure Limits   |                                                                                                                                         |
| Local name                               | Aluminium oxides                                                                                                                        |
| OEL TWA [1]                              | 10 mg/m <sup>3</sup> total inhalable dust<br>4 mg/m <sup>3</sup> respirable dust                                                        |
| Regulatory reference                     | Chemical Agents Code of Practice 2021                                                                                                   |
| Latvia - Occupational Exposure Limits    |                                                                                                                                         |
| OEL TWA                                  | 6 mg/m <sup>3</sup> (disintegration aerosol)                                                                                            |
| Lithuania - Occupational Exposure Limits |                                                                                                                                         |
| IPRV (OEL TWA)                           | 5 mg/m <sup>3</sup> (inhalable fraction)<br>2 mg/m <sup>3</sup> (respirable fraction)                                                   |
| Poland - Occupational Exposure Limits    |                                                                                                                                         |
| Local name                               | Tritlenek glinu                                                                                                                         |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Aluminium Oxide (1344-28-1)                   |                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NDS (OEL TWA)                                 | 2.5 mg/m <sup>3</sup> w przeliczeniu na Al: frakcja wdychalna<br>1.2 mg/m <sup>3</sup> w przeliczeniu na Al: frakcja respirabilna                                                                                                                                                              |
| Remark                                        | Frakcja wdychalna – frakcja aerozolu wnikać przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia. Frakcja respirabilna – frakcja aerozolu wnikać do dróg oddechowych, która stwarza zagrożenie dla zdrowia po zdeponowaniu w obszarze wymiany gazowej. |
| Regulatory reference                          | Dz. U. 2018 poz. 1286                                                                                                                                                                                                                                                                          |
| Portugal - Occupational Exposure Limits       |                                                                                                                                                                                                                                                                                                |
| OEL TWA                                       | 10 mg/m <sup>3</sup> (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/m <sup>3</sup> (aerosols)<br>3 mg/m <sup>3</sup> (dust (Aluminium and Aluminium oxides))<br>1 mg/m <sup>3</sup> (fume (Aluminium and Aluminium oxides))                                                                                                                                   |
| OEL STEL                                      | 5 mg/m <sup>3</sup> (aerosols)<br>10 mg/m <sup>3</sup> (dust (Aluminium and Aluminium oxides))<br>3 mg/m <sup>3</sup> (fume (Aluminium and Aluminium oxides))                                                                                                                                  |
| Slovakia - Occupational Exposure Limits       |                                                                                                                                                                                                                                                                                                |
| NPHV (OEL TWA) [1]                            | 4 mg/m <sup>3</sup> (inhalable dust)                                                                                                                                                                                                                                                           |
| Spain - Occupational Exposure Limits          |                                                                                                                                                                                                                                                                                                |
| Local name                                    | Óxido de aluminio (Corindón)                                                                                                                                                                                                                                                                   |
| VLA-ED (OEL TWA) [1]                          | 10 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                           |
| Regulatory reference                          | Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT                                                                                                                                                                                                                  |
| Sweden - Occupational Exposure Limits         |                                                                                                                                                                                                                                                                                                |
| NGV (OEL TWA)                                 | 5 mg/m <sup>3</sup> (total dust)<br>2 mg/m <sup>3</sup> (respirable fraction)                                                                                                                                                                                                                  |
| United Kingdom - Occupational Exposure Limits |                                                                                                                                                                                                                                                                                                |
| Local name                                    | Aluminium oxides                                                                                                                                                                                                                                                                               |
| WEL TWA (OEL TWA) [1]                         | 10 mg/m <sup>3</sup> inhalable dust<br>4 mg/m <sup>3</sup> respirable dust                                                                                                                                                                                                                     |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE                                                                                                                                                                                                                                                          |
| Norway - Occupational Exposure Limits         |                                                                                                                                                                                                                                                                                                |
| Local name                                    | Aluminiumoksid                                                                                                                                                                                                                                                                                 |
| Grenseverdi (OEL TWA) [1]                     | 10 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                           |
| Korttidsverdi (OEL STEL)                      | 15 mg/m <sup>3</sup> (equal to the limit value for Nuisance dust)                                                                                                                                                                                                                              |
| Remark                                        | 1) Grenseverdien er fastsatt lik verdien for sjenerende støv.                                                                                                                                                                                                                                  |
| Regulatory reference                          | FOR-2021-06-28-2248                                                                                                                                                                                                                                                                            |
| Switzerland - Occupational Exposure Limits    |                                                                                                                                                                                                                                                                                                |
| Local name                                    | Aluminium oxyde / Aluminiumoxid [Korund]                                                                                                                                                                                                                                                       |
| MAK (OEL TWA) [1]                             | 3 mg/m <sup>3</sup> (respirable dust, smoke)                                                                                                                                                                                                                                                   |
| KZGW (OEL STEL)                               | 24 mg/m <sup>3</sup> (respirable dust, smoke)                                                                                                                                                                                                                                                  |
| Critical toxicity                             | Formel / Formal                                                                                                                                                                                                                                                                                |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Aluminium Oxide (1344-28-1)</b>                                                                   |                                                                                                                                                                                                                                                                                                                                                                            |
| Notation                                                                                             | B / B                                                                                                                                                                                                                                                                                                                                                                      |
| Remark                                                                                               | NIOSH                                                                                                                                                                                                                                                                                                                                                                      |
| Regulatory reference                                                                                 | www.suva.ch, 28.03.2022                                                                                                                                                                                                                                                                                                                                                    |
| <b>Switzerland - BAT</b>                                                                             |                                                                                                                                                                                                                                                                                                                                                                            |
| Local name                                                                                           | Aluminium oxyde / Aluminiumoxid                                                                                                                                                                                                                                                                                                                                            |
| BAT                                                                                                  | 50 µg/g creatinine (0.21 µmol/mmol cr.; Paramètre biologique: Aluminium; Substrat d'examen: Urine; Moment du prélèvement: Exposition de longue durée: après plusieurs périodes de travail.) / (0.21 µmol/mmol cr.; Biologischer Parameter: Aluminium; Untersuchungsmaterial: Urin; Probennahmezeitpunkt: Bei Langzeitexposition: nach mehreren vorangegangenen Schichten.) |
| Regulatory reference                                                                                 | Ordonnance 832.30 (OPA), article 50 al. 3, www.suva.ch/valeurs-limites / Verordnung 832.30 (VUV), Art. 50 Abs. 3, www.suva.ch/grenzwerte                                                                                                                                                                                                                                   |
| <b>USA - ACGIH - Occupational Exposure Limits</b>                                                    |                                                                                                                                                                                                                                                                                                                                                                            |
| ACGIH OEL TWA                                                                                        | 1 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                        |
| <b>White mineral oil (petroleum) (8042-47-5)</b>                                                     |                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b>                                             |                                                                                                                                                                                                                                                                                                                                                                            |
| Local name                                                                                           | Weißes Mineralöl (Erdöl)                                                                                                                                                                                                                                                                                                                                                   |
| AGW (OEL TWA) [1]                                                                                    | 5 mg/m <sup>3</sup> (A)                                                                                                                                                                                                                                                                                                                                                    |
| Peak exposure limitation factor                                                                      | 4(II)                                                                                                                                                                                                                                                                                                                                                                      |
| Remark                                                                                               | DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden                                                                                                                 |
| Regulatory reference                                                                                 | TRGS900                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Switzerland - Occupational Exposure Limits</b>                                                    |                                                                                                                                                                                                                                                                                                                                                                            |
| Local name                                                                                           | Huile de paraffine / Weissöl, pharmazeutisch                                                                                                                                                                                                                                                                                                                               |
| MAK (OEL TWA) [1]                                                                                    | 5 mg/m <sup>3</sup> (i) / (e)                                                                                                                                                                                                                                                                                                                                              |
| Critical toxicity                                                                                    | Poumons / Lunge                                                                                                                                                                                                                                                                                                                                                            |
| Notation                                                                                             | SS <sub>c</sub> / SS <sub>c</sub>                                                                                                                                                                                                                                                                                                                                          |
| Remark                                                                                               | NIOSH, DFG                                                                                                                                                                                                                                                                                                                                                                 |
| Regulatory reference                                                                                 | www.suva.ch, 28.03.2022                                                                                                                                                                                                                                                                                                                                                    |
| <b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b> |                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Austria - Occupational Exposure Limits</b>                                                        |                                                                                                                                                                                                                                                                                                                                                                            |
| MAK (OEL TWA)                                                                                        | 0.05 mg/m <sup>3</sup> (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                                                                                                                                                                                                                                                                                                                                                            |
| <b>Switzerland - Occupational Exposure Limits</b>                                                    |                                                                                                                                                                                                                                                                                                                                                                            |
| 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/m <sup>3</sup> (i) / (e)                                                                                                                                                                                                                                                                                                                                            |



# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

|                      |                                   |
|----------------------|-----------------------------------|
| KZGW (OEL STEL)      | 0.4 mg/m <sup>3</sup> (i) / (e)   |
| Critical toxicity    | VRS, Peau, Yeux / OAW, Haut, Auge |
| Notation             | S, SSc / S, SSc                   |
| Regulatory reference | www.suva.ch, 28.03.2022           |

### Sodium Nitrate (7631-99-4)

#### Czech Republic - Occupational Exposure Limits

|               |                            |
|---------------|----------------------------|
| PEL (OEL TWA) | 6 mg/m <sup>3</sup> (dust) |
|---------------|----------------------------|

### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-47-8)

#### Switzerland - Occupational Exposure Limits

|                       |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| Local name            | Distillats légers de pétrole, hydrotraités (vapeurs) / Destillate (Erdöl), mit Wasserstoff behandelte, leichte (Dampf) |
| MAK (OEL TWA) [1]     | 350 mg/m <sup>3</sup>                                                                                                  |
| MAK (OEL TWA) [2]     | 50 ppm (vapour)                                                                                                        |
| KZGW (OEL STEL)       | 700 mg/m <sup>3</sup>                                                                                                  |
| KZGW (OEL STEL) [ppm] | 100 ppm (vapour)                                                                                                       |
| Critical toxicity     | SNC / ZNS                                                                                                              |
| Notation              | SSc / SSc                                                                                                              |
| Remark                | OSHA                                                                                                                   |
| Regulatory reference  | www.suva.ch, 28.03.2022                                                                                                |

### Glycerol (56-81-5)

#### Belgium - Occupational Exposure Limits

|                      |                                            |
|----------------------|--------------------------------------------|
| Local name           | Glycérine (brouillard) # Glycerine (nevel) |
| OEL TWA              | 10 mg/m <sup>3</sup>                       |
| Regulatory reference | Koninklijk besluit/Arrêté royal 11/05/2021 |

#### Croatia - Occupational Exposure Limits

|                   |                      |
|-------------------|----------------------|
| GVI (OEL TWA) [1] | 10 mg/m <sup>3</sup> |
|-------------------|----------------------|

#### Czech Republic - Occupational Exposure Limits

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Local name           | Glycerol, mlha                                        |
| PEL (OEL TWA)        | 10 mg/m <sup>3</sup>                                  |
| PEL (OEL TWA) [ppm]  | 2.6 ppm                                               |
| NPK-P (OEL C)        | 15 mg/m <sup>3</sup>                                  |
| NPK-P (OEL C) [ppm]  | 3.9 ppm                                               |
| Regulatory reference | Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.) |

#### Estonia - Occupational Exposure Limits

|         |                      |
|---------|----------------------|
| OEL TWA | 10 mg/m <sup>3</sup> |
|---------|----------------------|

#### Finland - Occupational Exposure Limits

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Local name           | Glyseroli                                       |
| HTP (OEL TWA) [1]    | 20 mg/m <sup>3</sup>                            |
| Regulatory reference | HTP-ARVOT 2020 (Sosiaali- ja terveysministeriö) |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| Glycerol (56-81-5)                                |                                                                                                                                                                                                                                                            |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| France - Occupational Exposure Limits             |                                                                                                                                                                                                                                                            |
| Local name                                        | Glycérine (aérosols de)                                                                                                                                                                                                                                    |
| VME (OEL TWA)                                     | 10 mg/m³                                                                                                                                                                                                                                                   |
| Remark                                            | Valeurs recommandées/admises                                                                                                                                                                                                                               |
| Regulatory reference                              | Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)                                                                                                                                                                                               |
| Germany - Occupational Exposure Limits (TRGS 900) |                                                                                                                                                                                                                                                            |
| Local name                                        | Glycerin                                                                                                                                                                                                                                                   |
| AGW (OEL TWA) [1]                                 | 200 mg/m³ (E)                                                                                                                                                                                                                                              |
| Peak exposure limitation factor                   | 2(I)                                                                                                                                                                                                                                                       |
| Remark                                            | DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden |
| Regulatory reference                              | TRGS900                                                                                                                                                                                                                                                    |
| Greece - Occupational Exposure Limits             |                                                                                                                                                                                                                                                            |
| Local name                                        | Γλυκερίνη                                                                                                                                                                                                                                                  |
| OEL TWA                                           | 10 mg/m³                                                                                                                                                                                                                                                   |
| Regulatory reference                              | Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους                                                                                                                    |
| Poland - Occupational Exposure Limits             |                                                                                                                                                                                                                                                            |
| Local name                                        | Glicerol                                                                                                                                                                                                                                                   |
| NDS (OEL TWA)                                     | 10 mg/m³ frakcja wdychalna                                                                                                                                                                                                                                 |
| Remark                                            | Frakcja wdychalna – frakcja aerozolu wnikaćca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia.                                                                                                                |
| Regulatory reference                              | Dz. U. 2018 poz. 1286                                                                                                                                                                                                                                      |
| Portugal - Occupational Exposure Limits           |                                                                                                                                                                                                                                                            |
| OEL TWA                                           | 10 mg/m³ (mist)                                                                                                                                                                                                                                            |
| Slovakia - Occupational Exposure Limits           |                                                                                                                                                                                                                                                            |
| NPHV (OEL TWA) [1]                                | 11 mg/m³                                                                                                                                                                                                                                                   |
| Slovenia - Occupational Exposure Limits           |                                                                                                                                                                                                                                                            |
| OEL TWA                                           | 200 mg/m³ (inhalable fraction)                                                                                                                                                                                                                             |
| OEL STEL                                          | 400 mg/m³ (inhalable fraction)                                                                                                                                                                                                                             |
| Spain - Occupational Exposure Limits              |                                                                                                                                                                                                                                                            |
| Local name                                        | Glicerina                                                                                                                                                                                                                                                  |
| VLA-ED (OEL TWA) [1]                              | 10 mg/m³ nieblas                                                                                                                                                                                                                                           |
| Regulatory reference                              | Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT                                                                                                                                                                              |
| United Kingdom - Occupational Exposure Limits     |                                                                                                                                                                                                                                                            |
| Local name                                        | Glycerol                                                                                                                                                                                                                                                   |
| WEL TWA (OEL TWA) [1]                             | 10 mg/m³ mist                                                                                                                                                                                                                                              |
| WEL STEL (OEL STEL)                               | 30 mg/m³ (calculated-mist)                                                                                                                                                                                                                                 |
| Regulatory reference                              | EH40/2005 (Fourth edition, 2020). HSE                                                                                                                                                                                                                      |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Glycerol (56-81-5)

#### Switzerland - Occupational Exposure Limits

|                      |                                   |
|----------------------|-----------------------------------|
| Local name           | Glycérine / Glycerin              |
| MAK (OEL TWA) [1]    | 50 mg/m <sup>3</sup> (i) / (e)    |
| KZGW (OEL STEL)      | 100 mg/m <sup>3</sup> (i) / (e)   |
| Critical toxicity    | VRS / OAW                         |
| Notation             | SS <sub>c</sub> / SS <sub>c</sub> |
| Regulatory reference | www.suva.ch, 28.03.2022           |

### 2,2',2''-nitrioltriethanol (102-71-6)

#### Belgium - Occupational Exposure Limits

|                      |                                            |
|----------------------|--------------------------------------------|
| Local name           | Triéthanolamine # Tri-ethanolamine         |
| OEL TWA              | 5 mg/m <sup>3</sup>                        |
| Regulatory reference | Koninklijk besluit/Arrêté royal 11/05/2021 |

#### Czech Republic - Occupational Exposure Limits

|                      |                                                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Local name           | Triethanolamin                                                                                                            |
| PEL (OEL TWA)        | 5 mg/m <sup>3</sup>                                                                                                       |
| PEL (OEL TWA) [ppm]  | 0.8 ppm                                                                                                                   |
| NPK-P (OEL C)        | 10 mg/m <sup>3</sup>                                                                                                      |
| NPK-P (OEL C) [ppm]  | 1.6 ppm                                                                                                                   |
| Remark               | D - při expozici se významně uplatňuje pronikání faktoru kůže, I - dráždí sliznice (oči, dýchací cesty), respektive kůže. |
| Regulatory reference | Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.)                                                                     |

#### Finland - Occupational Exposure Limits

|                      |                                                           |
|----------------------|-----------------------------------------------------------|
| Local name           | Trietanoliamiini                                          |
| HTP (OEL TWA) [1]    | 5 mg/m <sup>3</sup>                                       |
| Regulatory reference | HTP-ARVOT 2020 (Sosiaali- ja terveystieteiden ministeriö) |

#### Germany - Occupational Exposure Limits (TRGS 900)

|                                 |                                                                                                                                                                                                                                                            |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local name                      | 2,2',2''-Nitrioltriethanol                                                                                                                                                                                                                                 |
| AGW (OEL TWA) [1]               | 1 mg/m <sup>3</sup> (E)                                                                                                                                                                                                                                    |
| Peak exposure limitation factor | 1(I)                                                                                                                                                                                                                                                       |
| Remark                          | DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden |
| Regulatory reference            | TRGS900                                                                                                                                                                                                                                                    |

#### Ireland - Occupational Exposure Limits

|                      |                                       |
|----------------------|---------------------------------------|
| Local name           | Triethanolamine                       |
| OEL TWA [1]          | 5 mg/m <sup>3</sup>                   |
| Regulatory reference | Chemical Agents Code of Practice 2021 |

#### Spain - Occupational Exposure Limits

|            |                |
|------------|----------------|
| Local name | Trietanolamina |
|------------|----------------|

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

| 2,2',2''-nitrilotriethanol (102-71-6)      |                                                                                                                                                                                                                                                                                                |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VLA-ED (OEL TWA) [1]                       | 5 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                            |
| Regulatory reference                       | Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT                                                                                                                                                                                                                  |
| Sweden - Occupational Exposure Limits      |                                                                                                                                                                                                                                                                                                |
| Local name                                 | Trietanolamin                                                                                                                                                                                                                                                                                  |
| NGV (OEL TWA)                              | 5 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                            |
| NGV (OEL TWA) [ppm]                        | 0.8 ppm                                                                                                                                                                                                                                                                                        |
| KTV (OEL STEL)                             | 10 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                           |
| KTV (OEL STEL) [ppm]                       | 1.6 ppm                                                                                                                                                                                                                                                                                        |
| Remark                                     | H (Ämnet kan lätt upptas genom huden. Det föreskrivna gränsvärdet bedöms ge tillräckligt skydd endast under förutsättning att huden är skyddad mot exponering för ämnet ifråga);<br>V (Vägledande korttidsgränsvärde ska användas som ett rekommenderat högsta värde som inte bör överskridas) |
| Regulatory reference                       | Hygieniska gränsvärden (AFS 2018:1)                                                                                                                                                                                                                                                            |
| Norway - Occupational Exposure Limits      |                                                                                                                                                                                                                                                                                                |
| Local name                                 | Trietanolamin                                                                                                                                                                                                                                                                                  |
| Grenseverdi (OEL TWA) [1]                  | 5 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                            |
| Regulatory reference                       | FOR-2021-06-28-2248                                                                                                                                                                                                                                                                            |
| Switzerland - Occupational Exposure Limits |                                                                                                                                                                                                                                                                                                |
| Local name                                 | Triéthanolamine / Triethanolamin                                                                                                                                                                                                                                                               |
| MAK (OEL TWA) [1]                          | 5 mg/m <sup>3</sup> (i) / (e)                                                                                                                                                                                                                                                                  |
| KZGW (OEL STEL)                            | 5 mg/m <sup>3</sup> (i) / (e)                                                                                                                                                                                                                                                                  |
| Critical toxicity                          | VRS, Peau, Yeux / OAW, Haut, Auge                                                                                                                                                                                                                                                              |
| Notation                                   | SS <sub>C</sub> / SS <sub>C</sub>                                                                                                                                                                                                                                                              |
| Remark                                     | NIOSH                                                                                                                                                                                                                                                                                          |
| Regulatory reference                       | www.suva.ch, 28.03.2022                                                                                                                                                                                                                                                                        |
| USA - ACGIH - Occupational Exposure Limits |                                                                                                                                                                                                                                                                                                |
| Local name                                 | Triethanolamine                                                                                                                                                                                                                                                                                |
| ACGIH OEL TWA                              | 5 mg/m <sup>3</sup>                                                                                                                                                                                                                                                                            |
| Remark (ACGIH)                             | TLV® Basis: Eye & skin irr                                                                                                                                                                                                                                                                     |
| Regulatory reference                       | ACGIH 2022                                                                                                                                                                                                                                                                                     |

### 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

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### 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:

Examples of preferred glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl alcohol ("PVA"). Polyvinyl chloride ("PVC" or "vinyl").

##### 8.2.2.3. Respiratory protection

###### Respiratory protection:

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.

##### Other information:

Do not eat, drink or smoke when using this product. Provide readily accessible eye wash stations and safety showers.

## SECTION 9: Physical and chemical properties

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

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| Physical state        | : Liquid                                           |
| Colour                | : white.                                           |
| Appearance            | : Thick liquid.                                    |
| Odour                 | : pleasant.                                        |
| Odour threshold       | : Not available                                    |
| Melting point         | : Not available                                    |
| Freezing point        | : $\approx 0\text{ }^{\circ}\text{C}$              |
| Boiling point         | : $> 100\text{ }^{\circ}\text{C}$                  |
| Flammability          | : Not applicable                                   |
| 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.                                  |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| Flash point                                     | : > 93 °C                         |
| Auto-ignition temperature                       | : Not available                   |
| Decomposition temperature                       | : Not available                   |
| pH                                              | : 8 – 9                           |
| Viscosity, kinematic                            | : 35000 mm <sup>2</sup> /s (20°C) |
| Viscosity, dynamic                              | : 35000 cP Brookfield Viscosity   |
| Solubility                                      | : Dispersible in water.           |
| 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                                | : 1.18                            |
| 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

VOC content : 112 g/l (9.5%)

## 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 acids. Strong bases. Strong oxidizers.

### 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 |

#### Aluminium Oxide (1344-28-1)

|                       |                          |
|-----------------------|--------------------------|
| LD50 oral rat         | > 15900 mg/kg bodyweight |
| LC50 Inhalation - Rat | > 2.3 mg/l air           |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### White mineral oil (petroleum) (8042-47-5)

|                       |                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------|
| LD50 oral rat         | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)      |
| LD50 dermal rabbit    | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 5 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)           |

### 1,2-benzisothiazol-3(2H)-one (2634-33-5)

|                                   |                         |
|-----------------------------------|-------------------------|
| LD50 oral rat                     | 490 mg/kg bodyweight    |
| LD50 oral                         | 670 mg/kg               |
| LD50 dermal rat                   | > 2000 mg/kg bodyweight |
| LD50 dermal                       | 4115 mg/kg bodyweight   |
| LC50 Inhalation - Rat (Dust/Mist) | 100 mg/l                |

### 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

|                       |                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat         | 66 mg/kg bodyweight                                                                                                                         |
| LD50 dermal rat       | > 1008 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 81-2 (Acute Dermal Toxicity), Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | 0.17 mg/l air                                                                                                                               |

### Sodium Nitrate (7631-99-4)

|                 |                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------|
| LD50 oral rat   | ≈ 3430 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)   |
| LD50 oral       | 3700 mg/kg                                                                                 |
| LD50 dermal rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-47-8)

|                       |              |
|-----------------------|--------------|
| LD50 oral rat         | > 5000 mg/kg |
| LD50 dermal rat       | > 5000 mg/kg |
| LC50 Inhalation - Rat | > 20 mg/l/4h |

### Glycerol (56-81-5)

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| LD50 oral rat         | 27200 mg/kg bodyweight Animal: rat, Animal sex: female |
| LD50 dermal rabbit    | > 10 g/kg                                              |
| LD50 dermal           | 56750 mg/kg                                            |
| LC50 Inhalation - Rat | 5.85 mg/l                                              |

### Benzyl benzoate (120-51-4)

|                    |                                                                                                                      |
|--------------------|----------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat      | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other: |
| LD50 dermal rabbit | 4000 mg/kg                                                                                                           |

### 2,2',2''-nitrilotriethanol (102-71-6)

|                    |                                                                                        |
|--------------------|----------------------------------------------------------------------------------------|
| LD50 oral rat      | 6400 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight                                                                |

Skin corrosion/irritation : Not Classified  
pH: 8 – 9

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

|    |                                         |
|----|-----------------------------------------|
| pH | 3.43 Temp.: 20 °C Concentration: 10 g/L |
|----|-----------------------------------------|

### Sodium Nitrate (7631-99-4)

|    |                                            |
|----|--------------------------------------------|
| pH | 7 Temp.: 25 °C Remarks on result: 'other:' |
|----|--------------------------------------------|

### Glycerol (56-81-5)

|    |         |
|----|---------|
| pH | 5.5 – 8 |
|----|---------|

### 2,2',2''-nitrilotriethanol (102-71-6)

|    |    |
|----|----|
| pH | 11 |
|----|----|

|                               |                               |
|-------------------------------|-------------------------------|
| Serious eye damage/irritation | : Not Classified<br>pH: 8 – 9 |
|-------------------------------|-------------------------------|

### 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

|    |                                         |
|----|-----------------------------------------|
| pH | 3.43 Temp.: 20 °C Concentration: 10 g/L |
|----|-----------------------------------------|

### Sodium Nitrate (7631-99-4)

|    |                                            |
|----|--------------------------------------------|
| pH | 7 Temp.: 25 °C Remarks on result: 'other:' |
|----|--------------------------------------------|

### Glycerol (56-81-5)

|    |         |
|----|---------|
| pH | 5.5 – 8 |
|----|---------|

### 2,2',2''-nitrilotriethanol (102-71-6)

|    |    |
|----|----|
| pH | 11 |
|----|----|

|                                   |                  |
|-----------------------------------|------------------|
| Respiratory or skin sensitisation | : Not Classified |
| Germ cell mutagenicity            | : Not Classified |
| Carcinogenicity                   | : Not Classified |

### 2,2',2''-nitrilotriethanol (102-71-6)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

### 2,2',2''-nitrilotriethanol (102-71-6)

|                                             |                                                                                                            |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------|
| NOAEL (chronic, oral, animal/male, 2 years) | 63 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 451 (Carcinogenicity Studies) |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------|

|                       |                  |
|-----------------------|------------------|
| Reproductive toxicity | : Not Classified |
|-----------------------|------------------|

### 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) |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 1,2-benzisothiazol-3(2H)-one (2634-33-5)

|                           |                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|
| NOAEL (animal/female, F1) | 56.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects) |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|

|                        |                  |
|------------------------|------------------|
| STOT-single exposure   | : Not Classified |
| STOT-repeated exposure | : Not Classified |

### 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) |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------|



# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### White mineral oil (petroleum) (8042-47-5)

|                            |                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days) | ≥ 1200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies) |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|

### 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

|                                     |                                                                                                                    |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| LOAEL (dermal, rat/rabbit, 90 days) | 0.525 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: EPA OPP 82-3 (Subchronic Dermal Toxicity 90 Days) |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|

### 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) |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Benzyl benzoate (120-51-4)

|                                     |                                                                                                                  |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------|
| NOAEL (dermal, rat/rabbit, 90 days) | 781 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study) |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------|

### 2,2',2''-nitrilotriethanol (102-71-6)

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|

Aspiration hazard : Not Classified

### FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

|                      |                    |
|----------------------|--------------------|
| Viscosity, kinematic | 35000 mm²/s (20°C) |
|----------------------|--------------------|

### White mineral oil (petroleum) (8042-47-5)

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | 2 mm²/s @ 40°C |
|----------------------|----------------|

|             |     |
|-------------|-----|
| Hydrocarbon | Yes |
|-------------|-----|

### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-47-8)

|             |     |
|-------------|-----|
| Hydrocarbon | Yes |
|-------------|-----|

### 2,2',2''-nitrilotriethanol (102-71-6)

|                      |             |
|----------------------|-------------|
| Viscosity, kinematic | 830.2 mm²/s |
|----------------------|-------------|

### 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                                    |                                                                                                                         |

### Aluminium Oxide (1344-28-1)

|                      |                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 1.16 mg/l                                                                                                                                 |
| EC50 72h - Algae [1] | 1.05 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Aluminium Oxide (1344-28-1)

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

### 1,2-benzisothiazol-3(2H)-one (2634-33-5)

|                                    |                                                                                          |
|------------------------------------|------------------------------------------------------------------------------------------|
| LC50 - Fish [1]                    | 2.18 mg/l                                                                                |
| LC50 - Fish [2]                    | 2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1]               | 2.94 mg/l                                                                                |
| EC50 - Crustacea [2]               | 2.9 mg/l Test organisms (species): Daphnia magna                                         |
| EC50 - Other aquatic organisms [1] | 2.94 mg/l waterflea                                                                      |
| EC50 - Other aquatic organisms [2] | 0.11 mg/l                                                                                |
| ErC50 algae                        | 150 µg/l                                                                                 |

### 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

|                        |                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]        | 0.19 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)                   |
| LC50 - Fish [2]        | 0.28 mg/l Test organisms (species): Lepomis macrochirus                                                    |
| EC50 - Crustacea [1]   | 0.16 mg/l Test organisms (species): Daphnia magna                                                          |
| 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)         | 0.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                          |
| NOEC chronic fish      | 0.098 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d' |
| 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]      | 1559 mg/l Test organisms (species): other: |
| LC50 - Fish [2]      | 1354 mg/l Test organisms (species): other: |
| EC50 - Crustacea [1] | 8609 mg/l                                  |

### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-47-8)

|                 |          |
|-----------------|----------|
| LC50 - Fish [1] | 2.2 mg/l |
|-----------------|----------|

### Glycerol (56-81-5)

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 54000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1] | > 10000 mg/l                                                                              |

### Benzyl benzoate (120-51-4)

|                      |                                                                                    |
|----------------------|------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 2.32 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 - Crustacea [1] | 3.09 mg/l Test organisms (species): Daphnia magna                                  |

### 2,2',2''-nitritotriethanol (102-71-6)

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| LC50 - Fish [1]      | 11800 mg/l Test organisms (species): Pimephales promelas |
| EC50 - Crustacea [1] | 609.88 mg/l Test organisms (species): Ceriodaphnia dubia |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 2,2',2''-nitrilotriethanol (102-71-6)

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| EC50 72h - Algae [1] | 512 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2] | 216 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| ErC50 algae          | 216 mg/l                                                                                            |
| NOEC chronic fish    | > 1 mg/l Test organisms (species): other:                                                           |

### 12.2. Persistence and degradability

#### FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

|                               |                           |
|-------------------------------|---------------------------|
| Persistence and degradability | Inherently biodegradable. |
|-------------------------------|---------------------------|

#### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-47-8)

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Persistence and degradability | No persistence data available for this product. |
|-------------------------------|-------------------------------------------------|

#### Glycerol (56-81-5)

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Biochemical oxygen demand (BOD) | 0.87 g O <sub>2</sub> /g substance  |
| Chemical oxygen demand (COD)    | 1.16 g O <sub>2</sub> /g substance  |
| ThOD                            | 1.217 g O <sub>2</sub> /g substance |

#### 2,2',2''-nitrilotriethanol (102-71-6)

|                                 |                                    |
|---------------------------------|------------------------------------|
| Biochemical oxygen demand (BOD) | 0.02 g O <sub>2</sub> /g substance |
| Chemical oxygen demand (COD)    | 1.5 g O <sub>2</sub> /g substance  |
| ThOD                            | 2.04 g O <sub>2</sub> /g substance |

### 12.3. Bioaccumulative potential

#### FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

|                           |                                    |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

#### Aluminium Oxide (1344-28-1)

|                           |                                    |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

#### 1,2-benzisothiazol-3(2H)-one (2634-33-5)

|                                                 |             |
|-------------------------------------------------|-------------|
| BCF - Fish [1]                                  | 6.62        |
| Partition coefficient n-octanol/water (Log Pow) | -0.9 – 0.99 |

#### 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

|                                                 |                         |
|-------------------------------------------------|-------------------------|
| BCF - Fish [1]                                  | 41 – 54                 |
| Bioconcentration factor (BCF REACH)             | 3.6 (calculated) S 1177 |
| Partition coefficient n-octanol/water (Log Pow) | 0.75                    |

#### Sodium Nitrate (7631-99-4)

|                                                 |      |
|-------------------------------------------------|------|
| Partition coefficient n-octanol/water (Log Pow) | -3.8 |
|-------------------------------------------------|------|

#### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (64742-47-8)

|                                                 |         |
|-------------------------------------------------|---------|
| Partition coefficient n-octanol/water (Log Kow) | 6 – 8.2 |
|-------------------------------------------------|---------|

#### Glycerol (56-81-5)

|                |                      |
|----------------|----------------------|
| BCF - Fish [1] | (no bioaccumulation) |
|----------------|----------------------|

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Glycerol (56-81-5)

|                                                 |       |
|-------------------------------------------------|-------|
| Partition coefficient n-octanol/water (Log Pow) | -1.75 |
| Partition coefficient n-octanol/water (Log Kow) | -1.76 |

### Benzyl benzoate (120-51-4)

|                                                 |   |
|-------------------------------------------------|---|
| Partition coefficient n-octanol/water (Log Pow) | 4 |
|-------------------------------------------------|---|

### 2,2',2''-nitrilotriethanol (102-71-6)

|                                                 |                |
|-------------------------------------------------|----------------|
| BCF - Fish [1]                                  | 0.4 – 3.9 l/kg |
| Partition coefficient n-octanol/water (Log Pow) | -1.9           |

## 12.4. Mobility in soil

### FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

|                |                                                                                                                             |
|----------------|-----------------------------------------------------------------------------------------------------------------------------|
| Ecology - soil | Semi-solid under most environmental conditions. If it enters soil, it will adsorb to soil particles and will not be mobile. |
|----------------|-----------------------------------------------------------------------------------------------------------------------------|

### 1,2-benzisothiazol-3(2H)-one (2634-33-5)

|                                                            |           |
|------------------------------------------------------------|-----------|
| Surface tension                                            | 72.6 mN/m |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.97      |

### 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

|                                                            |          |
|------------------------------------------------------------|----------|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.81 – 1 |
|------------------------------------------------------------|----------|

### Glycerol (56-81-5)

|                                                            |           |
|------------------------------------------------------------|-----------|
| Surface tension                                            | 63.4 mN/m |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0         |

### 2,2',2''-nitrilotriethanol (102-71-6)

|                                                            |             |
|------------------------------------------------------------|-------------|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1.06 – 1.27 |
|------------------------------------------------------------|-------------|

## 12.5. Results of PBT and vPvB assessment

### FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

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.

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

European List of Waste (LoW) code : 08 04 16 - aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15

### 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                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <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)

##### EU restriction list (REACH Annex XVII)

| Reference code | Applicable on                                                                                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3(b)           | White mineral oil (petroleum) ; 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone ; Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| 3(c)           | 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone                                                                                                        |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 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)

### VOC Directive (2004/42)

VOC content : 112 g/l (9.5%)

### Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 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/system/files/2021-11/list\\_of\\_competent\\_authorities\\_and\\_national\\_contact\\_points\\_en.pdf](https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf)

### 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

### France

| Occupational diseases |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| Code                  | Description                                                                          |
| RG 49                 | Skin disorders caused by aliphatic, alicyclic amines or ethanolamines                |
| RG 49 BIS             | Respiratory disorders caused by aliphatic amines, ethanolamines or isophoronediamine |
| RG 65                 | Eczematiform lesions of allergic mechanism                                           |
| RG 66                 | Occupational rhinitis and asthma                                                     |

### 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

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Denmark

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

### 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                                                                           |
| BLV     | Biological limit value                                                                            |
| CAS-No. | Chemical Abstract Service number                                                                  |
| CLP     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| DMEL    | Derived Minimal Effect level                                                                      |
| DNEL    | Derived-No Effect Level                                                                           |
| EC50    | Median effective concentration                                                                    |
| EC-No.  | European Community number                                                                         |
| 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                                                                  |
| OEL     | Occupational Exposure Limit                                                                       |
| PBT     | Persistent Bioaccumulative Toxic                                                                  |
| PNEC    | Predicted No-Effect Concentration                                                                 |
| 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                                                          |
| WGK     | Water Hazard Class                                                                                |
| BCF     | Bioconcentration factor                                                                           |
| BOD     | Biochemical oxygen demand (BOD)                                                                   |

# FARECLA G3 EXTRA PLUS ABRASIVE COMPOUND

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Abbreviations and acronyms:

|        |                                                        |
|--------|--------------------------------------------------------|
| COD    | Chemical oxygen demand (COD)                           |
| IARC   | International Agency for Research on Cancer            |
| OECD   | Organisation for Economic Co-operation and Development |
| STP    | Sewage treatment plant                                 |
| ThOD   | Theoretical oxygen demand (ThOD)                       |
| TLM    | Median Tolerance Limit                                 |
| VOC    | Volatile Organic Compounds                             |
| N.O.S. | Not Otherwise Specified                                |
| ED     | Endocrine disrupting properties                        |

### 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                                                                                                                 |
| Aquatic Chronic 2         | Hazardous to the aquatic environment – Chronic Hazard, Category 2                                                                                                                 |
| 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(55965-84-9). 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                                                                                                                                     |
| 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.                                                                                                                                                                 |
| H400                      | Very toxic to aquatic life.                                                                                                                                                       |
| H410                      | Very toxic to aquatic life with long lasting effects.                                                                                                                             |
| H411                      | Toxic to aquatic life with long lasting effects.                                                                                                                                  |
| Ox. Sol. 3                | Oxidising Solids, Category 3                                                                                                                                                      |



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

|               |                                                        |
|---------------|--------------------------------------------------------|
| 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                        |

Safety Data Sheet (SDS), EU

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