



# FIBAREX

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Revision date: 6/7/2023 Supersedes version of: 8/29/2022 Version: 6.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : FIBAREX  
Product code : EN-BAT-FIBA  
Type of product : Powders  
Product group : Trade product

#### 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  
Use of the substance/mixture : Fillers, putties, plasters, modelling clay.

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

TOUPRET SA  
24 Rue du 14 juillet  
FR- 91813 Corbeil-Essonnes  
France  
T + 33 (0)1 69 47 20 20 - F + 33 (0)1 60 75 87 11  
[fdstoupret@toupret.fr](mailto:fdstoupret@toupret.fr) - <https://www.toupret.com/>

##### Subsidiary companies

TOUPRET UK LTD  
Capital Business Centre - Unit 58 22 Carlton Road  
UK- CR2 0BS South Croydon  
United Kingdom  
T +44 208 916 2134 - F +44 208 916 2136  
[fdstoupret@toupret.fr](mailto:fdstoupret@toupret.fr) - <https://www.toupret.co.uk/>

#### 1.4. Emergency telephone number

| Country        | Organisation/Company                                                                              | Address                                                             | Emergency number | Comment                           |
|----------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service (Birmingham Centre)<br>City Hospital                         | Dudley Road<br>B18 7QH Birmingham                                   | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | National Poisons Information Service (Cardiff Centre)<br>University Hospital Llandough            | Penlan Road<br>CF64 2XX Cardiff                                     | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | National Poisons Information Service (Edinburgh Centre)<br>Royal Infirmary of Edinburgh           | Little France Crescent<br>EH16 4SA Edinburgh                        | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust     | Avonley Road<br>SE14 5ER London                                     | +44 20 7188 7188 |                                   |
| United Kingdom | National Poisons Information Service (Newcastle Centre)<br>Regional Drugs and Therapeutics Centre | 16/17 Framlington Place<br>Newcastle-upon-Tyne<br>NE2 4AB Newcastle | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | National Poisons Information Service (Belfast Centre)<br>Royal Victoria Hospital                  | Grosvenor Road<br>BT12 6BA Belfast                                  | 0344 892 0111    | Only for healthcare professionals |

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### SECTION 2: Hazards identification

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

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

Serious eye damage/eye irritation, Category 2 H319

Skin sensitisation, Category 1 H317

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

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

Causes serious eye irritation. May cause an allergic skin reaction.

#### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Contains

: Cement, portland, chemicals, Flue dust, portland cement

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

Precautionary statements (CLP)

: P261 - Avoid breathing dust.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

#### 2.3. Other hazards

Other hazards which do not result in classification : Product dust may cause mechanical irritation to the skin and mucous membranes.

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

| Component                        |                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N,N-dimethylacetamide (127-19-5) | 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 |

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                       |                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N,N-dimethylacetamide(127-19-5) | The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 |

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name                                                                                                                                                                                | Product identifier                                                     | %           | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------|
| Limestone<br>substance with national workplace exposure limit(s)<br>(GB)                                                                                                            | CAS-No.: 1317-65-3<br>EC-No.: 215-279-6                                | ≥ 50 – < 80 | Not classified                                                                                          |
| Aluminium oxide<br>substance with national workplace exposure limit(s)<br>(GB)                                                                                                      | CAS-No.: 1344-28-1<br>EC-No.: 215-691-6<br>REACH-no: 01-2119529248-35  | ≤ 11        | Not classified                                                                                          |
| Calcium sulphate<br>substance with national workplace exposure limit(s)<br>(GB)                                                                                                     | CAS-No.: 7778-18-9<br>EC-No.: 231-900-3<br>REACH-no: 01-2119444918-26  | ≥ 5 – < 10  | Not classified                                                                                          |
| Cement, portland, chemicals<br>substance with national workplace exposure limit(s)<br>(GB)                                                                                          | CAS-No.: 65997-15-1<br>EC-No.: 266-043-4                               | ≥ 1 - < 3   | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT SE 3, H335                        |
| kaolin<br>substance with national workplace exposure limit(s)<br>(GB)                                                                                                               | CAS-No.: 1332-58-7<br>EC-No.: 310-194-1                                | ≥ 0,5 - < 2 | Not classified                                                                                          |
| Flue dust, portland cement                                                                                                                                                          | CAS-No.: 68475-76-3<br>EC-No.: 270-659-9<br>REACH-no: 01-2119486767-17 | ≥ 0,1 - < 1 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT SE 3, H335                        |
| N,N-dimethylacetamide<br>substance listed as REACH Candidate<br>substance with national workplace exposure limit(s)<br>(GB); substance with a Community workplace<br>exposure limit | CAS-No.: 127-19-5<br>EC-No.: 204-826-4<br>EC Index-No.: 616-011-00-4   | < 0.1       | Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2, H319<br>Repr. 1B, H360D |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                              |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                                                                                             |
| First-aid measures after skin contact | : Take off contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.                                                |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. 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.                                                                                                                                       |

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

|                                     |                                                                                                                         |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : Product dust may cause mechanical irritation to the skin and mucous membranes.                                        |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction.                                                                                  |
| Symptoms/effects after eye contact  | : Causes serious eye irritation.                                                                                        |
| Symptoms/effects after ingestion    | : Large amounts: Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. nausea, vomiting. |

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

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

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

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust.

##### 6.1.2. For emergency responders

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

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Clear up rapidly by scoop or vacuum. Do not use any water to clean up. Product forms slippery surface when combined with 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 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. Do not breathe dust. Avoid contact with skin and eyes. Keep out of reach of children.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool. Protect from moisture. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.  
Incompatible materials : Acids. Aluminium.

#### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

|                                                      |                                                                                                                                                             |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Aluminium oxide (1344-28-1)</b>                   |                                                                                                                                                             |
| <b>United Kingdom - Occupational Exposure Limits</b> |                                                                                                                                                             |
| 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                                                                                                                       |
| <b>Cement, portland, chemicals (65997-15-1)</b>      |                                                                                                                                                             |
| <b>United Kingdom - Occupational Exposure Limits</b> |                                                                                                                                                             |
| Local name                                           | Portland cement                                                                                                                                             |
| 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                                                                                                                       |
| <b>Calcium sulphate (7778-18-9)</b>                  |                                                                                                                                                             |
| <b>United Kingdom - Occupational Exposure Limits</b> |                                                                                                                                                             |
| Local name                                           | Plaster of Paris                                                                                                                                            |
| 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                                                                                                                       |
| <b>kaolin (1332-58-7)</b>                            |                                                                                                                                                             |
| <b>United Kingdom - Occupational Exposure Limits</b> |                                                                                                                                                             |
| Local name                                           | Kaolin                                                                                                                                                      |
| WEL TWA (OEL TWA) [1]                                | 2 mg/m <sup>3</sup> respirable dust                                                                                                                         |
| Regulatory reference                                 | EH40/2005 (Fourth edition, 2020). HSE                                                                                                                       |
| <b>N,N-dimethylacetamide (127-19-5)</b>              |                                                                                                                                                             |
| <b>United Kingdom - Occupational Exposure Limits</b> |                                                                                                                                                             |
| Local name                                           | N,N-Dimethylacetamide                                                                                                                                       |
| WEL TWA (OEL TWA) [1]                                | 36 mg/m <sup>3</sup>                                                                                                                                        |
| WEL TWA (OEL TWA) [2]                                | 10 ppm                                                                                                                                                      |
| WEL STEL (OEL STEL)                                  | 72 mg/m <sup>3</sup>                                                                                                                                        |
| WEL STEL (OEL STEL) [ppm]                            | 20 ppm                                                                                                                                                      |
| Remark                                               | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity) |
| Regulatory reference                                 | EH40/2005 (Fourth edition, 2020). HSE                                                                                                                       |
| <b>United Kingdom - Biological limit values</b>      |                                                                                                                                                             |
| Local name                                           | N,N-Dimethylacetamide                                                                                                                                       |
| BMGV                                                 | 100 mmol/mol Creatinine Parameter: N-methylacetamide - Medium: urine - Sampling time: Post shift                                                            |

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| N,N-dimethylacetamide (127-19-5)              |                                                                        |
|-----------------------------------------------|------------------------------------------------------------------------|
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE                                  |
| Limestone (1317-65-3)                         |                                                                        |
| United Kingdom - Occupational Exposure Limits |                                                                        |
| Local name                                    | Calcium carbonate (Limestone, Marble)                                  |
| WEL TWA (OEL TWA) [1]                         | 10 mg/m <sup>3</sup> total inhalable<br>4 mg/m <sup>3</sup> respirable |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE                                  |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Safety glasses. Protective clothing. Gloves. Dust production: dust mask with filter type P2.

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



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses with side shields. Do not wear contact lenses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In order to avoid inhalation of dust, all sanding must be done wearing adequate respirator. dust mask P2

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

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### SECTION 9: Physical and chemical properties

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

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Physical state                                  | : Solid           |
| Colour                                          | : white.          |
| Appearance                                      | : Powders.        |
| Odour                                           | : characteristic. |
| Odour threshold                                 | : Not available   |
| Melting point                                   | : Not available   |
| Freezing point                                  | : Not applicable  |
| Boiling point                                   | : Not available   |
| Flammability                                    | : Non flammable.  |
| Explosive properties                            | : Not explosive.  |
| Oxidising properties                            | : Non oxidizing.  |
| Explosive limits                                | : Not applicable  |
| Lower explosive limit (LEL)                     | : Not applicable  |
| Upper explosive limit (UEL)                     | : Not applicable  |
| Flash point                                     | : Not applicable  |
| Auto-ignition temperature                       | : Not applicable  |
| Decomposition temperature                       | : Not available   |
| pH                                              | : 11 – 12         |
| pH solution                                     | : 40 % (20 °C)    |
| Viscosity, kinematic                            | : Not applicable  |
| Solubility                                      | : Dispersible.    |
| 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                                | : ≈ 1.2           |
| Relative vapour density at 20°C                 | : Not applicable  |
| Particle size                                   | : Not available   |
| Particle size distribution                      | : Not available   |
| Particle shape                                  | : Not available   |
| Particle aspect ratio                           | : Not available   |
| Particle aggregation state                      | : Not available   |
| Particle agglomeration state                    | : Not available   |
| Particle specific surface area                  | : Not available   |
| Particle dustiness                              | : Not available   |

#### 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 : < 0.05 %

### 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.

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### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

Acids. Aluminium.

### 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 (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

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

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

#### Cement, portland, chemicals (65997-15-1)

|           |              |
|-----------|--------------|
| LD50 oral | > 2000 mg/kg |
|-----------|--------------|

|             |              |
|-------------|--------------|
| LD50 dermal | > 2000 mg/kg |
|-------------|--------------|

|                                   |             |
|-----------------------------------|-------------|
| LC50 Inhalation - Rat (Dust/Mist) | > 5 mg/l/4h |
|-----------------------------------|-------------|

#### Flue dust, portland cement (68475-76-3)

|               |                                                                |
|---------------|----------------------------------------------------------------|
| LD50 oral rat | > 1848 mg/kg bodyweight Animal: rat, Guideline: other:OECD 422 |
|---------------|----------------------------------------------------------------|

|                 |                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------|
| LD50 dermal rat | ≥ 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
|-----------------|--------------------------------------------------------------------------------------------|

|                       |                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------|
| LC50 Inhalation - Rat | > 6.04 mg/l air Animal: rat, Guideline: OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class Method) |
|-----------------------|------------------------------------------------------------------------------------------------------------------|

#### Calcium sulphate (7778-18-9)

|               |                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | > 1581 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method) |
|---------------|----------------------------------------------------------------------------------------------------------------------------------|

|                       |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| LC50 Inhalation - Rat | > 3.26 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) |
|-----------------------|----------------------------------------------------------------------------------------|

Skin corrosion/irritation : Not classified. (Based on available data, the classification criteria are not met)  
pH: 11 – 12

Additional information : Product dust may cause mechanical irritation to the skin and mucous membranes.

Serious eye damage/irritation : Causes serious eye irritation.  
pH: 11 – 12

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Additional information : Prolonged and repeated skin contact may cause a sensitising effect due to the presence of track of elements such as chromium VI

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

#### Calcium sulphate (7778-18-9)

|                                             |                                                                                                                                                             |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (chronic, oral, animal/male, 2 years) | 256 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other:No data, Remarks on results: other:Effect type: carcinogenicity (migrated information) |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                               |                                                                                                                                                               |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOAEL (chronic, oral, animal/female, 2 years) | 284 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:No data, Remarks on results: other:Effect type: carcinogenicity (migrated information) |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

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

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

Additional information : May be irritating to the mucous membranes and to the respiratory system

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

| Aluminium oxide (1344-28-1)                      |                                                                                                         |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 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) |

| Calcium sulphate (7778-18-9) |                                                                                                                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LOAEL (oral, rat, 90 days)   | 237 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| NOAEL (oral, rat, 90 days)   | 79 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)  |

Aspiration hazard : Not classified (Technical impossibility to obtain the data)

| FIBAREX              |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

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

| Flue dust, portland cement (68475-76-3) |                                                                                                      |
|-----------------------------------------|------------------------------------------------------------------------------------------------------|
| EC50 72h - Algae [1]                    | 28.2 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2]                    | 22.4 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

| Calcium sulphate (7778-18-9) |                                                                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]              | > 79 mg/l Test organisms (species): Oryzias latipes                                                                                       |
| EC50 72h - Algae [1]         | > 79 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

| N,N-dimethylacetamide (127-19-5) |                                                     |
|----------------------------------|-----------------------------------------------------|
| LC50 - Fish [1]                  | > 500 mg/l Test organisms (species): Leuciscus idus |

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### N,N-dimethylacetamide (127-19-5)

|                      |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| EC50 - Crustacea [1] | > 500 mg/l Test organisms (species): Daphnia magna                                                    |
| EC50 72h - Algae [1] | > 500 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

### 12.2. Persistence and degradability

#### FIBAREX

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

### 12.3. Bioaccumulative potential

#### FIBAREX

|                           |                              |
|---------------------------|------------------------------|
| Bioaccumulative potential | No bioaccumulation expected. |
|---------------------------|------------------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### FIBAREX

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

#### Component

|                                  |                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N,N-dimethylacetamide (127-19-5) | 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 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : 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 %

### 12.7. Other adverse effects

Other adverse effects : May cause pH changes in aqueous ecological systems

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

## SECTION 14: Transport information

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

### 14.1. UN number or ID number

|               |                  |
|---------------|------------------|
| UN-No. (ADR)  | : Not applicable |
| UN-No. (IMDG) | : Not applicable |
| UN-No. (IATA) | : Not applicable |
| UN-No. (ADN)  | : Not applicable |
| UN-No. (RID)  | : Not applicable |

# FIBAREX

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### 14.2. UN proper shipping name

|                             |                  |
|-----------------------------|------------------|
| Proper Shipping Name (ADR)  | : Not applicable |
| Proper Shipping Name (IMDG) | : Not applicable |
| Proper Shipping Name (IATA) | : Not applicable |
| Proper Shipping Name (ADN)  | : Not applicable |
| Proper Shipping Name (RID)  | : Not applicable |

### 14.3. Transport hazard class(es)

#### ADR

|                                  |                  |
|----------------------------------|------------------|
| Transport hazard class(es) (ADR) | : Not applicable |
|----------------------------------|------------------|

#### IMDG

|                                   |                  |
|-----------------------------------|------------------|
| Transport hazard class(es) (IMDG) | : Not applicable |
|-----------------------------------|------------------|

#### IATA

|                                   |                  |
|-----------------------------------|------------------|
| Transport hazard class(es) (IATA) | : Not applicable |
|-----------------------------------|------------------|

#### ADN

|                                  |                  |
|----------------------------------|------------------|
| Transport hazard class(es) (ADN) | : Not applicable |
|----------------------------------|------------------|

#### RID

|                                  |                  |
|----------------------------------|------------------|
| Transport hazard class(es) (RID) | : Not applicable |
|----------------------------------|------------------|

### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN)  | : Not applicable |
| Packing group (RID)  | : Not applicable |

### 14.5. Environmental hazards

|                               |                                          |
|-------------------------------|------------------------------------------|
| Dangerous for the environment | : No                                     |
| Marine pollutant              | : No                                     |
| Other information             | : No supplementary information available |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

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

Not applicable

# FIBAREX

## Safety Data Sheet

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

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

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

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

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

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

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

VOC content : < 0.05 %

Other information, restriction and prohibition : Directive 2004/42/EC on the limitation of emissions of volatile organic compounds.  
regulations Regulation (EU) No 861/2010 related to Customs Nomenclature.

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

#### Indication of changes:

This sheet was updated (refer to the date at the top of this page). This sheet has been revised completely (changes were not marked).

| Abbreviations and acronyms: |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate                                                                         |
| BCF                         | Bioconcentration factor                                                                         |
| DNEL                        | Derived-No Effect Level                                                                         |
| EC50                        | Median effective concentration                                                                  |
| IATA                        | International Air Transport Association                                                         |
| IMDG                        | International Maritime Dangerous Goods                                                          |
| LC50                        | Median lethal concentration                                                                     |
| LD50                        | Median lethal dose                                                                              |
| OECD                        | Organisation for Economic Co-operation and Development                                          |
| OEL                         | Occupational Exposure Limit                                                                     |
| PBT                         | Persistent Bioaccumulative Toxic                                                                |
| PNEC                        | Predicted No-Effect Concentration                                                               |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| N.O.S.                      | Not Otherwise Specified                                                                         |
| NOAEL                       | No-Observed Adverse Effect Level                                                                |
| vPvB                        | Very Persistent and Very Bioaccumulative                                                        |
| ED                          | Endocrine disrupting properties                                                                 |

Data sources : ECHA (European Chemicals Agency). Supplier's safety documents.

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| Full text of H- and EUH-statements: |                                                                                            |
|-------------------------------------|--------------------------------------------------------------------------------------------|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                                                        |
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                                                        |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                                              |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                                              |
| H312                                | Harmful in contact with skin.                                                              |
| H315                                | Causes skin irritation.                                                                    |
| H317                                | May cause an allergic skin reaction.                                                       |
| H318                                | Causes serious eye damage.                                                                 |
| H319                                | Causes serious eye irritation.                                                             |
| H332                                | Harmful if inhaled.                                                                        |
| H335                                | May cause respiratory irritation.                                                          |
| H360D                               | May damage the unborn child.                                                               |
| Repr. 1B                            | Reproductive toxicity, Category 1B                                                         |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                                                      |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                                             |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |

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