

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier: KIILTO FLOOR HEAT DF - T2001

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

Relevant uses: Auxiliary product for the construction

Uses advised against: All uses not specified in this section or in section 7.3

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

KIILTO OY FINLAND PL 250, 33101 Tampere Phone.: +358 207 710 100 productsafety@kiilto.com www.kiilto.com

1.4 Emergency telephone number: +358 (0)9 471 977 (Finland)

### SECTION 2: HAZARDS IDENTIFICATION

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

#### CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Eye Dam. 1: Serious eye damage, Category 1, H318 Skin Irrit. 2: Skin irritation, Category 2, H315

STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335

### 2.2 Label elements:

### CLP Regulation (EC) No 1272/2008:

Danger



#### Hazard statements:

Eye Dam. 1: H318 - Causes serious eye damage Skin Irrit. 2: H315 - Causes skin irritation STOT SE 3: H335 - May cause respiratory irritation

#### **Precautionary statements:**

P102: Keep out of reach of children

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment

# Substances that contribute to the classification

Cement, portland, chemicals

#### 2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

Cement contains chrome (VI) < 0.0002 %. A risk to get chrome allergi from the product is reduced, since the cement in the product contains only little amounts of chrome. But a user with a proven chrome allergy must be very cautious when using the product

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of inorganic substances

Components:

\*\* Changes with regards to the previous version



# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\* (continued)

### In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification  |                       | Chemical name/Classification                                    |            |  |  |
|---|-----------------------|---|------------|--|--|
| CAS: 471-34-1<br>EC: 207-439-9<br>Index: Non-applicable<br>REACH01-2119486795-18-<br>; XXXX | Calcium Carbonate 1   | Not classified  |            |  |  |
|   | Regulation 1272/2008  |   | 25 - <50 % |  |  |
| CAS: 65997-15-1<br>EC: 266-043-4<br>Index: Non-applicable<br>REACHNon-applicable<br>:       | Cement, portland, che | micals <sup>2</sup> Self-classified                             |            |  |  |
|   | Regulation 1272/2008  | Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger | 10 - <25 % |  |  |
| CAS: 7778-18-9  | Calcium sulfate 1     | Not classified  |            |  |  |
| EC: 231-900-3<br>Index: Non-applicable<br>REACH01-2119444918-26-<br>: XXXX                  | Regulation 1272/2008  |   | 3 - <5 %   |  |  |

<sup>1</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830
<sup>2</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

To obtain more information on the hazards of the substances consult sections 8, 11, 12, 15 and 16.

#### <sup>•</sup> Changes with regards to the previous version

### SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

### By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

#### By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

#### By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

# SECTION 5: FIREFIGHTING MEASURES

# 5.1 Extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use tap water as an extinguishing agent.

# 5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

# 5.3 Advice for firefighters:



## SECTION 5: FIREFIGHTING MEASURES (continued)

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

#### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

### 6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

# 6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

# 6.4 Reference to other sections:

See sections 8 and 13.

# SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

### A.- Precautions for safe manipulation

Use in ventilated areas. Avoid the build up of dust

B.- Technical recommendations for the prevention of fires and explosions

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

0°C

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

A.- Technical measures for storage

Minimum Temp.:

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5 Keep the container tightly sealed and protected from open air and humidity.

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3 **DNEL (Workers):** 



### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

|                   |            | Short e                | Short exposure |                         | exposure       |
|-------------------|------------|------------------------|----------------|-------------------------|----------------|
| Identification    |            | Systemic               | Local          | Systemic                | Local          |
| Calcium Carbonate | Oral       | Non-applicable         | Non-applicable | Non-applicable          | Non-applicable |
| CAS: 471-34-1     | Dermal     | Non-applicable         | Non-applicable | Non-applicable          | Non-applicable |
| EC: 207-439-9     | Inhalation | Non-applicable         | Non-applicable | 10 mg/m <sup>3</sup>    | Non-applicable |
| Calcium sulfate   | Oral       | Non-applicable         | Non-applicable | Non-applicable          | Non-applicable |
| CAS: 7778-18-9    | Dermal     | Non-applicable         | Non-applicable | Non-applicable          | Non-applicable |
| EC: 231-900-3     | Inhalation | 5082 mg/m <sup>3</sup> | Non-applicable | 21,17 mg/m <sup>3</sup> | Non-applicable |

# DNEL (General population):

|                   |            | Short exposure         |                | Long exposure        |                |
|-------------------|------------|------------------------|----------------|----------------------|----------------|
| Identification    |            | Systemic               | Local          | Systemic             | Local          |
| Calcium Carbonate | Oral       | 6,1 mg/kg              | Non-applicable | 6,1 mg/kg            | Non-applicable |
| CAS: 471-34-1     | Dermal     | Non-applicable         | Non-applicable | Non-applicable       | Non-applicable |
| EC: 207-439-9     | Inhalation | Non-applicable         | Non-applicable | 10 mg/m <sup>3</sup> | Non-applicable |
| Calcium sulfate   | Oral       | Non-applicable         | Non-applicable | Non-applicable       | Non-applicable |
| CAS: 7778-18-9    | Dermal     | Non-applicable         | Non-applicable | Non-applicable       | Non-applicable |
| EC: 231-900-3     | Inhalation | 3811 mg/m <sup>3</sup> | Non-applicable | 5,29 mg/m³           | Non-applicable |

# PNEC:

| FNEO.             |              |                |                         |                |
|-------------------|--------------|----------------|-------------------------|----------------|
| Identification    |              |                |                         |                |
| Calcium Carbonate | STP          | 100 mg/L       | Fresh water             | Non-applicable |
| CAS: 471-34-1     | Soil         | Non-applicable | Marine water            | Non-applicable |
| EC: 207-439-9     | Intermittent | Non-applicable | Sediment (Fresh water)  | Non-applicable |
|                   | Oral         | Non-applicable | Sediment (Marine water) | Non-applicable |
| Calcium sulfate   | STP          | 100 mg/L       | Fresh water             | Non-applicable |
| CAS: 7778-18-9    | Soil         | Non-applicable | Marine water            | Non-applicable |
| EC: 231-900-3     | Intermittent | Non-applicable | Sediment (Fresh water)  | Non-applicable |
|                   | Oral         | Non-applicable | Sediment (Marine water) | Non-applicable |

### 8.2 Exposure controls:

С

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

#### B.- Respiratory protection

| Pictogram                   | PPE                                   | Labelling | CEN Standard        | Remarks   |
|-----------------------------|---------------------------------------|-----------|---------------------|---|
| Compulsory use of face mask | Filter mask for particles<br>(FFP2)   |           | EN 149:2001+A1:2009 | Replace when an increase in resistence to breathing is observed.  |
| <br>Specific protection     | n for the hands                       |           |                     |   |
| Pictogram                   | PPE                                   | Labelling | CEN Standard        | Remarks   |
| Mandatory hand              | Protective gloves against minor risks | CATI      |                     | Replace gloves in case of any sign of damage. For<br>prolonged periods of exposure to the product for<br>professional users/industrials, we recommend using<br>CE III gloves in line with standards EN 420 and EN<br>374. |

"As the product is a mixture of several substances, the resistance of the glove material can not be predicted in advance with total reliability and has therefore to be checked prior to the application"

D.- Ocular and facial protection

protection



# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)



# E.- Body protection

Non-applicable

#### F.- Additional emergency measures

| Emergency measure | Standards                      | Emergency measure | Standards                     |
|-------------------|--------------------------------|-------------------|-------------------------------|
| Emergency shower  | ANSI Z358-1<br>ISO 3864-1:2002 | Eyewash stations  | DIN 12 899<br>ISO 3864-1:2002 |

### Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

| Appearance: |
|-------------|
|-------------|

| , hhere areas  |                                    |
|--|------------------------------------|
| Physical state at 20 °C:   | Solid                              |
| Appearance:  | Powdery                            |
| Colour:  | Grey                               |
| Odour:   | Not available                      |
| Odour threshold:   | Non-applicable *                   |
| Volatility:  |                                    |
| Boiling point at atmospheric pressure:                           | Non-applicable *                   |
| Vapour pressure at 20 °C:  | Non-applicable *                   |
| Vapour pressure at 50 °C:  | <300000 Pa (300 kPa)               |
| Evaporation rate at 20 °C:                                       | Non-applicable *                   |
| Product description:   |                                    |
| Density at 20 °C:  | Non-applicable *                   |
| Relative density at 20 °C:                                       | 1,2 - 1,6                          |
| Dynamic viscosity at 20 °C:                                      | Non-applicable *                   |
| Kinematic viscosity at 20 °C:                                    | Non-applicable *                   |
| Kinematic viscosity at 40 °C:                                    | Non-applicable *                   |
| Concentration:   | Non-applicable *                   |
| pH:  | 10 - 11                            |
| Vapour density at 20 °C:   | Non-applicable *                   |
| Partition coefficient n-octanol/water 20 °C:                     | Non-applicable *                   |
| Solubility in water at 20 °C:                                    | Non-applicable *                   |
| Solubility properties:   | Non-applicable *                   |
| Decomposition temperature:                                       | Non-applicable *                   |
| Melting point/freezing point:                                    | Non-applicable *                   |
| Explosive properties:  | Non-applicable *                   |
| *Not relevant due to the nature of the product, not providing in | formation property of its hazards. |
|  |                                    |



| SECTION 9: PHYSICAL AND CHE                 | MICAL PROPERTIES (continued)                            |
|---|---|
| Oxidising properties:                       | Non-applicable *  |
| Flammability:                               |   |
| Flash Point:                                | Non-applicable  |
| Flammability (solid, gas):                  | Non-applicable *  |
| Autoignition temperature:                   | Non-applicable *  |
| Lower flammability limit:                   | Non-applicable *  |
| Upper flammability limit:                   | Non-applicable *  |
| Explosive:                                  |   |
| Lower explosive limit:                      | Non-applicable *  |
| Upper explosive limit:                      | Non-applicable *  |
| 2 Other information:                        |   |
| Surface tension at 20 °C:                   | Non-applicable *  |
| Refraction index:                           | Non-applicable *  |
| *Not relevant due to the nature of the pro- | uct, not providing information property of its hazards. |

# SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

### 10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight       | Humidity            |
|--------------------|------------------|-------------------------|----------------|---------------------|
| Not applicable     | Not applicable   | Not applicable          | Not applicable | Avoid direct impact |

### 10.5 Incompatible materials:

| Acids        | Water                                       | Combustive materials | Combustible materials | Others                      |
|--------------|---|----------------------|-----------------------|-----------------------------|
| Incompatible | Silicate formation and calcium<br>hydroxide | Not applicable       | Not applicable        | Base metal salts (Al, NH4,) |

#### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

# SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

#### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A.- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- B- Inhalation (acute effect):



# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.
- C- Contact with the skin and the eyes (acute effect):
  - Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces serious eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified
  - as dangerous for the effects mentioned. For more information see section 3.
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
  - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- E- Sensitizing effects:
  - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
  - Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:

Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

- G- Specific target organ toxicity (STOT)-repeated exposure:
  - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as
  - it does not contain substances classified as dangerous for this effect. For more information see section 3.
     Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
  - dangerous for this effect. For more inform
- H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

### Other information:

Contact with human skin, without adequate protection, can result in skin thickening, cracking, or fissuring

### Specific toxicology information on the substances:

| Identification    | Acute toxicity  |                | Genus |
|-------------------|-----------------|----------------|-------|
| Calcium Carbonate | LD50 oral       | 6450 mg/kg     | Rat   |
| CAS: 471-34-1     | LD50 dermal     | Non-applicable |       |
| EC: 207-439-9     | LC50 inhalation | Non-applicable |       |

# SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

| Identification    | Acute toxicity |                   | Species          | Genus |
|-------------------|----------------|-------------------|------------------|-------|
| Calcium Carbonate | LC50           | 56000 mg/L (96 h) | Gambussia afinis | Fish  |
| CAS: 471-34-1     | EC50           | Non-applicable    |                  |       |
| EC: 207-439-9     | EC50           | Non-applicable    |                  |       |

### 12.2 Persistence and degradability:

Not available

# 12.3 Bioaccumulative potential:

- Not available
- 12.4 Mobility in soil:
  - Not available
- 12.5 Results of PBT and vPvB assessment:



# SECTION 12: ECOLOGICAL INFORMATION (continued)

Product fails to meet PBT/vPvB criteria

### 12.6 Other adverse effects:

Not described

# SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

| Code      | Description                                      | Waste class (Regulation (EU) No<br>1357/2014) |
|-----------|--|---|
| 16 03 03* | inorganic wastes containing hazardous substances | Dangerous                                     |

#### Type of waste (Regulation (EU) No 1357/2014):

HP4 Irritant — skin irritation and eye damage, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

## SECTION 14: TRANSPORT INFORMATION

### Transport of dangerous goods by land:

With regard to ADR 2017 and RID 2017:

| 14.1                                 | UN number:  | Non-applicable |  |
|--------------------------------------|---|----------------|--|
| 14.2                                 | UN proper shipping name:  | Non-applicable |  |
| 14.3                                 | Transport hazard class(es):   | Non-applicable |  |
|                                      | Labels:   | Non-applicable |  |
| 14.4                                 | Packing group:  | Non-applicable |  |
| 14.5                                 | Environmental hazards:  | No             |  |
| 14.6                                 | Special precautions for user  |                |  |
|                                      | Special regulations:  | Non-applicable |  |
|                                      | Tunnel restriction code:  | Non-applicable |  |
|                                      | Physico-Chemical properties:  | see section 9  |  |
|                                      | Limited quantities:   | Non-applicable |  |
| 14.7                                 | Transport in bulk according to<br>Annex II of Marpol and the IBC<br>Code: | Non-applicable |  |
| Transport of dangerous goods by sea: |   |                |  |
| With regard to IMDG 38-16:           |   |                |  |



## SECTION 14: TRANSPORT INFORMATION (continued)

| 14.1                                 | UN number:  | Non-applicable |  |
|--------------------------------------|---|----------------|--|
| 14.2                                 | UN proper shipping name:                                      | Non-applicable |  |
| 14.3                                 | Transport hazard class(es):                                   | Non-applicable |  |
|                                      | Labels:   | Non-applicable |  |
| 14.4                                 | Packing group:  | Non-applicable |  |
| 14.5                                 | Environmental hazards:  | No             |  |
| 14.6                                 | Special precautions for user                                  |                |  |
|                                      | Special regulations:  | Non-applicable |  |
|                                      | EmS Codes:  |                |  |
|                                      | Physico-Chemical properties:                                  | see section 9  |  |
|                                      | Limited quantities:   | Non-applicable |  |
| 14.7                                 | Transport in bulk according to                                | Non-applicable |  |
|                                      | Annex II of Marpol and the IBC Code:                          |                |  |
| Transport of dangerous goods by air: |   |                |  |
| With regard to IATA/ICAO 2017:       |   |                |  |
| 0                                    |   |                |  |
| 14.1                                 | UN number:  | Non-applicable |  |
| 14.2                                 | UN proper shipping name:                                      | Non-applicable |  |
| 14.3                                 | Transport hazard class(es):                                   | Non-applicable |  |
|                                      | Labels:   | Non-applicable |  |
| 14.4                                 | Packing group:  | Non-applicable |  |
| 14.5                                 | Environmental hazards:  | No             |  |
| 14.6                                 | Special precautions for user                                  |                |  |
|                                      | Physico-Chemical properties:                                  | see section 9  |  |
| 14.7                                 | Transport in bulk according to Annex II of Marpol and the IBC | Non-applicable |  |

### SECTION 15: REGULATORY INFORMATION

Code:

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

# Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....)

1. Cement and cement-containing mixtures shall not be placed on the market, or used, if they contain, when hydrated, more than 2 mg/kg (0,0002 %) soluble chromium VI of the total dry weight of the cement.

2. If reducing agents are used, then without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of cement or cement-containing mixtures is visibly, legibly and indelibly marked with information on the packing date, as well as on the storage conditions and the storage period appropriate to maintaining the activity of the reducing agent and to keeping the content of soluble chromium VI below the limit indicated in paragraph 1.

3. By way of derogation, paragraphs 1 and 2 shall not apply to the placing on the market for, and use in, controlled closed and totally automated processes in which cement and cement-containing mixtures are handled solely by machines and in which there is no possibility of contact with the skin.

### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

#### Other legislation:

The product could be affected by sectorial legislation

### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.



### SECTION 16: OTHER INFORMATION

#### Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3):

Removed substances

Ashes (residues) (68131-74-8)

#### Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation

H318: Causes serious eye damage

H335: May cause respiratory irritation

# Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

## CLP Regulation (EC) No 1272/2008:

Eye Dam. 1: H318 - Causes serious eye damage Skin Irrit. 2: H315 - Causes skin irritation

STOT SE 3: H335 - May cause respiratory irritation

### **Classification procedure:**

Skin Irrit. 2: Calculation method Eye Dam. 1: Calculation method STOT SE 3: Calculation method

#### Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

#### Principal bibliographical sources:

http://echa.europa.eu http://eur-lex.europa.eu

### Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5-day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50 Log-POW: Octanol-water partition coefficient Koc: Partition coefficient of organic carbon

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