

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Cementitious LCS  
UFI : DAE0-7064-N00P-7AVG

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

##### Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : Cementitious LCS is a factory-fitted liquid cementitious mortar for making screeds.

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

Quartzline B.V.  
W.A. Boogaertstraat 5  
NL 3316 BN Dordrecht  
Nederland  
T +31 (0)78 6513100, F +31 (0)78 6177390  
[info@quartzline.nl](mailto:info@quartzline.nl), [www.quartzline.nl](http://www.quartzline.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)78 6513100  
This number is serviced during office hours.

Country/Area	Organisation	Emergency number
Austria	Vergiftungsinformationszentrale. Stubenring 6 1010 Vienna.	+43 1 406 43 43
Belgium	Centre Anti-Poisons/Antigifcentrum. c/o Hôpital Militaire Reine Astrid. Rue Bruyn 1 1120 Brussels.	+32 70 245 245 Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)
Bulgaria	Национален токсикологичен информационен център. Многопрофилна болница за активно лечение и спешна медицина "Н.И.Пирогов". бул. Ген. Едуард И. Тотлебен 21 1606 Sofia.	+359 2 9154 233 The phone is active 24/7 and calls to it are free
Croatia	Centar za kontrolu otrovanja. Institut za medicinska istraživanja i medicinu rada. Ksaverska Cesta 2. p.p. 291 10000 Zagreb.	+385 1 234 8342 Information available 24/7 in Croatian and English
Cyprus	Κέντρου Δηλητηριάσεων. Τμήμα Επιθεώρησης Εργασίας. P.O. Box 24855 Nicosia.	1401 Operating hours 24 hours / 24 hours, 7 days a week
Czech Republic	Toxikologické informační středisko. Klinika pracovního lékařství VFN a 1. LF UK. Na Bojišti 1 120 00 Prague.	+420 224 919 293 +420 224 915 402 and only in the event of a malfunction, phone 725 103 658 (otherwise there may not be a toxicologist on this phone!) Questions about ACUTE INTOXICATION of people and animals are dealt with exclusively on TIS direct telephone lines 24 hours a day
Denmark	Gifflinjen. Bispebjerg Hospital. Bispebjerg Bakke 23E. Opgang 20 C 2400 Copenhagen.	+45 82 12 12 12
Estonia	Mürgistusteabekeskus. Terviseamet. Paldiski mnt 81 10614 Tallinn.	16662 +372 7943 794 Calling the hotline is anonymous and at the cost of a local call.
Finland	Myrkytystietokeskus. Stenbäckinkatu 9. PO BOX 100 00029 Helsinki.	+358 800 147 111 +358 9 471 977 Open 24 hours a day 0800 147 111 (free of charge) 09 471 977 (normal rate call)

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Country/Area	Organisation	Emergency number
France	ORFILA.	+33 1 45 42 59 59 This number automatically directs calls to the nearest poison control center, based on the caller's location. These poison and toxicovigilance centers provide free medical assistance (excluding call costs), 24 hours a day, 7 days a week.
	Centre antipoison de Marseille. Hôpital Sainte Marguerite. 270 boulevard de Sainte Marguerite 13274 Marseille Cedex 09.	+33 4 91 75 25 25
	Centre antipoison de Paris. Hôpital Fernand Widal. 200 rue du Faubourg Saint-Denis 75475 Paris Cedex 10.	+33 1 40 05 48 48
Germany	Informationszentrale gegen Vergiftungen. Klinik und Poliklinik für Allgemeine Pädiatrie. Zentrum für Kinderheilkunde, Universitätsklinikum Bonn. Gebäude 30, ELKI (Eltern-Kind-Zentrum). Venusberg-Campus 1 53127 Bonn.	+49 (0) 228 19240
	Vergiftungs-Informations-Zentrale. Universitätsklinikum Freiburg. Zentrum für Kinder- und Jugendmedizin. Breisacher Str. 86b 79110 Freiburg.	+49 (0) 761 19240
	Giftinformationszentrum-Nord der Länder Bremen, Hamburg, Niedersachsen und Schleswig-Holstein (GIZ-Nord). Universitätsmedizin Göttingen - Georg-August-Universität. Robert-Koch Straße 40 37075 Göttingen.	+49 (0) 551 19240
Greece	Poisons Information Centre. Children's Hospital P&A Kyriakou. 11762 Athens.	+30 21 07 79 37 77
Hungary	Nemzeti Népegészségügyi Központ. Egészségügyi Toxikológiai Tájékoztató Szolgálat. Albert Flórián út 2-6 1097 Budapest.	+36 80 20 11 99 +36 1 476 6464 Emergency number 1: (0-24 hours, free of charge - only from Hungary) Emergency number 2: (0-24 hours, can be called for a normal fee - also from abroad)
Ireland	National Poisons Information Centre. Beaumont Hospital. PO Box 1297. Beaumont Road 9 Dublin.	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)
Italy	Centro Antiveleni di Bergamo. Azienda Ospedaliera Papa Giovanni XXIII. Piazza OMS - Organizzazione Mondiale della Sanità, 1 24127 Bergamo.	800 88 33 00
	Centro Antiveleni di Milano. Ospedale Niguarda Ca' Granda. Piazza Ospedale Maggiore 3 20162 Milan.	02 6610 1029
	Centro Antiveleni di Roma. CAV Policlinico "A. Gemelli". Dipartimento di Tossicologia Clinica Università Cattolica del Sacro Cuore. Largo Agostino Gemelli, 8 00168 Rome.	06 305 4343
	Centro Antiveleni di Firenze. Az. Osp. "Careggi" U.O. Tossicologia Medica. S.O.D. di Tossicologia Clinica Clinica Clinica. Largo Brambilla, 3 50134 Florence.	055 794 7819
	Centro Antiveleni di Pavia. CAV Centro Nazionale di Informazione Tossicologica. Istituti Clinici Scientifici Maugeri Spa. Via Salvatore Maugeri, 10 27100 Pavia.	03 822 4444
	Centro Antiveleni di Foggia. Az. Osp. Univ. Foggia. V.le Luigi Pinto, 1 71122 Foggia.	800 183 459
	Centro Antiveleni di Napoli. Az. Osp. "A. Cardarelli". Via A. Cardarelli, 9 80131 Naples.	081 54 53 333

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Country/Area	Organisation	Emergency number
	Centro Antiveleni di Verona. Azienda Ospedaliera Integrata Verona. Piazzale Aristide Stefani, 1 37126 Verona.	800 011 858
Latvia	SIA "Rīgas Austrumu klīniskā universitātes slimnīca". Saindēšanās un zāļu informācijas centrs. Hipokrāta 2 1038 Rīga.	112 +371 67 04 24 73 works 24 hours a day
Lithuania	Apsinuodijimų informacijos biuras. Šiltnamių g. 29 04130 Vilnius.	+370 (5) 236 20 52
Luxembourg	Centre Anti-Poisons/Antigifocentrum. c/o Hôpital Militaire Reine Astrid. Rue Bruyn 1 1120 Brussels.	+352 8002 5500 Free telephone number with a 24/7 access. Experts answer all urgency questions on dangerous products in French, Dutch and English
Malta	Medicines & Poisons Info Office. Mater Dei Hospital. Msida MSD 2090 Msida.	112 +356 2545 6508
Netherlands	Nationaal Vergiftigingen Informatie Centrum (NVIC). Huispostnummer Q03.2.315. Postbus 85500 3508 GA Utrecht.	+31 88 755 80 00 Only for the purpose of informing medical personnel in cases of acute intoxications (24 hours a day, 7 days a week)
Poland	Instytut Medycyny Pracy imienia prof. dra med. Jerzego Nofera. ul. św. Teresy od Dzieciątka Jezus 8 91-348 Łódź.	+48 42 631 45 02 +48 42 655 25 05
Portugal	Centro de Informação Antivenenos. Instituto Nacional de Emergência Médica. Rua Almirante Barroso, 36 1000-013 Lisbon.	+351 800 250 250
Romania	Spitalul Clinic de Urgenta Bucuresti. Secția Clinică ATI II - Toxicologie Clinică. Calea Floreasca nr. 8. sector 1 Bucharest.	+40 21 599 23 00 (information provided in Romanian and English)
Slovakia	Národné toxikologické informačné centrum. Univerzitná nemocnica Bratislava, pracovisko Kramáre. Klinika pracovného lekárstva a toxikológie. Limbová 5 833 05 Bratislava.	+421 2 54 77 41 66 +421 911 166 066
Slovenia	Center za klinično toksikologijo in farmakologijo. Univerzitetni klinični. Center Ljubljana. Zaloška 7 1000 Ljubljana.	112
Spain	Servicio de Información Toxicológica. Instituto Nacional de Toxicología y Ciencias Forenses. Departamento de Madrid. C/José Echegaray nº4 28232 Las Rozas de Madrid.	+34 91 562 04 20 +34 91 411 26 76 (teléfono solo para médicos) (Toxicological emergencies only). Information in Spanish (24/7)
Sweden	Giftinformationscentralen. Solna Strandväg 21 171 54 Solna.	112 – begär Giftinformation

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

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

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

Causes skin irritation. Causes serious eye damage.

### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS05

Signal word (CLP)

: Danger

Contains

: Portland cement

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Hazard statements (CLP)	: H315 - Causes skin irritation. H318 - Causes serious eye damage.
Precautionary statements (CLP)	: P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves, eye protection. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor, a POISON CENTER.
EUH-statements	: EUH208 - Contains Flue dust, portland cement. May produce an allergic reaction.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH 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 substance(s) are 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

### 3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Quartz substance with national workplace exposure limit(s) (BE, DK, FI, FR, HU, IE, HR, LT, NL, AT, PT, ES, CZ, SE); substance with a Community workplace exposure limit	CAS-No.: 14808-60-7 EC-No.: 238-878-4	60 – 70	Not classified
Calcium carbonate substance with national workplace exposure limit(s) (BE, BG, EE, GR, HU, IE, HR, LV, PL, CZ)	CAS-No.: 1317-65-3 EC-No.: 215-279-6 REACH-no: 01-2119486795-18	20 – 25	Not classified
Portland cement substance with national workplace exposure limit(s) (BE, FI, HU, IE, HR, LV, AT, PL, PT, ES)	CAS-No.: 65997-15-1 EC-No.: 266-043-4	0.5 – 15	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Cement, alumina, chemicals	CAS-No.: 65997-16-2 EC-No.: 266-045-5 REACH-no: 01-2119989490-26	2 – 3	Eye Irrit. 2, H319
calcium sulfate substance with national workplace exposure limit(s) (BE, FR, GR, HU, IE, LV, AT, PL, PT, SI, SK, ES, CZ)	CAS-No.: 7778-18-9 EC-No.: 231-900-3 REACH-no: 01-2119444918-26	1 – 2	Not classified
Flue dust, portland cement substance with national workplace exposure limit(s) (AT)	CAS-No.: 68475-76-3 EC-No.: 270-659-9 REACH-no: 01-2119486767-17	0.01 – 1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Loosen tight clothing such as a collar, tie, belt or waistband. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash skin with soap and water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth out with water. Do not induce vomiting without medical advice. Get medical advice/attention.

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

Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Serious damage to eyes.

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 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 : Adapt extinguishing media to the environment.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : Presents no particular fire or explosion hazard.

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

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not 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

#### For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust, fume.

#### 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 : Mechanically recover the product.

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". Concerning disposal elimination after cleaning, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust, fume.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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 : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use.

Heat and ignition sources : Keep away from heat and direct sunlight.

#### Germany

Storage class (LGK, TRGS 510) : LGK 13 - Non-combustible solids

Joint storage table	LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
	LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
	LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
	LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
	LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for : LGK 1, LGK 6.2, LGK 7

Joint storage with restrictions permitted for : LGK 4.1A, LGK 5.1C

Joint storage permitted for : LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 4.3, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

### 7.3. Specific end use(s)

No additional information available

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

Portland cement (65997-15-1)	
<b>Austria - Occupational Exposure Limits</b>	
Local name	Portlandzement (Zement) (Staub)
MAK (OEL TWA)	5 mg/m <sup>3</sup> (E)
Regulatory reference	BGBl. II Nr. 339/2025
<b>Belgium - Occupational Exposure Limits</b>	
Local name	Ciment portland (poussières alvéolaires) # Portlandcement (inadembedbaar stof)
OEL TWA	1 mg/m <sup>3</sup> (sans fibres d'amiante et < 1 % silices cristallines) # (zonder asbestvezels en < 1 % kristallijn siliciumdioxide)
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
<b>Croatia - Occupational Exposure Limits</b>	
Local name	Prašina portland cementa
GVI (OEL TWA)	10 mg/m <sup>3</sup> U (ukupna prašina) 4 mg/m <sup>3</sup> R (respirabilna prašina)
Regulatory reference	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 148/2023)
<b>Finland - Occupational Exposure Limits</b>	
Local name	Sementtipöly
HTP (OEL TWA)	5 mg/m <sup>3</sup> hengittävä pöly 1 mg/m <sup>3</sup> alveolijae
Regulatory reference	HTP-ARVOT 2025 (Sosiaali- ja terveystieteiden ministeriö)
<b>Hungary - Occupational Exposure Limits</b>	
Local name	PORTLAND CEMENT
AK (OEL TWA)	10 mg/m <sup>3</sup>
Remark	N (Irritáló anyagok, egyszerű főttógázok, csekély egészségkárosító hatással bíró anyagok)
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Portland Cement [Cement (Portland)]
OEL TWA	1 mg/m <sup>3</sup> R (Respirable Fraction)
Remark	Advisory OELV (Advisory Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024
<b>Latvia - Occupational Exposure Limits</b>	
Local name	Cements (portlandcements)
OEL TWA	6 mg/m <sup>3</sup>
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2024. gada 26. martā noteikumiem Nr. 191).
<b>Poland - Occupational Exposure Limits</b>	
Local name	Cement portlandzki
NDS (OEL TWA)	6 mg/m <sup>3</sup> frakcja wdychalna 2 mg/m <sup>3</sup> frakcja respirabilna
Remark	Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która stwarza zagrożenie dla zdrowia po zdeponowaniu w drogach oddechowych. Frakcja respirabilna – frakcja aerozolu wnikająca do dróg oddechowych, która stwarza zagrożenie dla zdrowia po zdeponowaniu w obszarze wymiany gazowej. Równolegle oznacza się frakcję respirabilną krystalicznej krzemionki.

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Portland cement (65997-15-1)	
Regulatory reference	Dz. U. 2024 poz. 1017 wraz z późn. zm.
Portugal - Occupational Exposure Limits	
Local name	Cimento Portland
OEL TWA	1 mg/m <sup>3</sup> E (O valor aplica-se a partículas sem amianto e contendo menos de 1 % de sílica cristalina), R (Fração respirável)
Remark	A4 (Agente não classificável como carcinogénico no Homem)
Regulatory reference	Norma Portuguesa NP 1796:2014
Spain - Occupational Exposure Limits	
Local name	Cemento Portland
VLA-ED (OEL TWA)	4 mg/m <sup>3</sup> Fracción respirable
Remark	e (Este valor es para la materia particulada que no contenga amianto ni sílice cristalina), d (Véase UNE EN 481: Atmósferas en los puestos de trabajo. Definición de las fracciones por el tamaño de las partículas para la medición de aerosoles).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2025. INSHT
Flue dust, portland cement (68475-76-3)	
Austria - Occupational Exposure Limits	
Local name	Portlandzement (Zement) (Staub)
MAK (OEL TWA)	5 mg/m <sup>3</sup> (E)
Regulatory reference	BGBl. II Nr. 339/2025
calcium sulfate (7778-18-9)	
Austria - Occupational Exposure Limits	
Local name	Calciumsulfat
MAK (OEL TWA)	5 mg/m <sup>3</sup> (A)
MAK (OEL STEL)	10 mg/m <sup>3</sup> (A, 2x 60(Miw) min)
Regulatory reference	BGBl. II Nr. 339/2025
Belgium - Occupational Exposure Limits	
Local name	Calcium (sulfate de) (anhydrate) # Calciumsulfaat (anhydraat)
OEL TWA	10 mg/m <sup>3</sup>
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
Czech Republic - Occupational Exposure Limits	
Local name	Sádra
PEL (OEL TWA)	10 mg/m <sup>3</sup> (pro celkovou koncentraci)
Remark	Prachy s převážně nespecifickým účinkem.
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 330/2023 Sb.)
France - Occupational Exposure Limits	
VLEP 8h (OEL TWA)	10 mg/m <sup>3</sup>
Greece - Occupational Exposure Limits	
Local name	Ασβέστιο θειικό
OEL TWA	10 mg/m <sup>3</sup>
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	
Local name	KALCIUM-SZULFÁT
AK (OEL TWA)	1.5 mg/m <sup>3</sup> respirabilis frakció 4 mg/m <sup>3</sup>

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

calcium sulfate (7778-18-9)	
Remark	N (Irritáló anyagok, egyszerű fojtógázok, csekély egészségkárosító hatással bíró anyagok)
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
Ireland - Occupational Exposure Limits	
Local name	Calcium sulphate
OEL TWA	10 mg/m <sup>3</sup>
Remark	Advisory OELV (Advisory Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024
Latvia - Occupational Exposure Limits	
Local name	Kalcija sulfāts (hidrogenēts; ģipša puteklī)
OEL TWA	4 mg/m <sup>3</sup>
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2024. gada 26. martā noteikumiem Nr. 191).
Poland - Occupational Exposure Limits	
Local name	Siarczan(VI) wapnia (gips)
NDS (OEL TWA)	10 mg/m <sup>3</sup> frakcja wdychalna
Remark	Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która stwarza zagrożenie dla zdrowia po zdeponowaniu w drogach oddechowych. Równolegle oznacza się frakcję respirabilną krystalicznej krzemionki.
Regulatory reference	Dz. U. 2024 poz. 1017 wraz z późn. zm.
Portugal - Occupational Exposure Limits	
Local name	Sulfato de cálcio
OEL TWA	10 mg/m <sup>3</sup> I (Fração inalável)
Regulatory reference	Norma Portuguesa NP 1796:2014
Slovakia - Occupational Exposure Limits	
Local name	Síran vápenatý (anhydrid)
NPHV (OEL TWA)	4 mg/m <sup>3</sup> inhalovateľná frakcia 1.5 mg/m <sup>3</sup> respirabilná frakcia
Regulatory reference	Nariadenie vlády č. 355/2006 Z. z. (122/2024 Z. z.)
Slovenia - Occupational Exposure Limits	
Local name	kalcijev sulfat
OEL TWA	6 mg/m <sup>3</sup>
Regulatory reference	Uradni list RS, št. 26/2025 z dne 18.4.2025 - Pravilnik o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu
Spain - Occupational Exposure Limits	
Local name	Sulfato de calcio anhidro
VLA-ED (OEL TWA)	10 mg/m <sup>3</sup>
Remark	e (Este valor es para la materia particulada que no contenga amianto ni sílice cristalina).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2025. INSHT
Calcium carbonate (1317-65-3)	
Belgium - Occupational Exposure Limits	
Local name	Calcium (carbonate de) # Calciumcarbonaat
OEL TWA	10 mg/m <sup>3</sup>
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Calcium carbonate (1317-65-3)	
<b>Bulgaria - Occupational Exposure Limits</b>	
Local name	Калциев карбонат
OEL TWA	10 mg/m <sup>3</sup>
Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр. 28 от 2024 г., в сила от 05.04.2024 г.)
<b>Croatia - Occupational Exposure Limits</b>	
Local name	Kalcijev karbonat
GVI (OEL TWA)	10 mg/m <sup>3</sup> U (ukupna prašina) 4 mg/m <sup>3</sup> R (respirabilna prašina)
Regulatory reference	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, граниčnim vrijednostima izloženosti i biološkim граниčnim vrijednostima (NN 148/2023)
<b>Czech Republic - Occupational Exposure Limits</b>	
Local name	Vápenec, mramor
PEL (OEL TWA)	10 mg/m <sup>3</sup> (pro celkovou koncentraci)
Remark	Prachy s převážně nespecifickým účinkem.
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 330/2023 Sb.)
<b>Estonia - Occupational Exposure Limits</b>	
Local name	Kaltsiumkarbonaat
OEL TWA	10 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> peentolm
Regulatory reference	Vabariigi Valitsuse 20. märtsi 2001. a määruse nr 105 (RT I, 02.04.2024, 13)
<b>Greece - Occupational Exposure Limits</b>	
Local name	Μάρμαρο (ανθρακικό ασβέστιο)
OEL TWA	10 mg/m <sup>3</sup> εισπν. 5 mg/m <sup>3</sup> αναπν.
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
<b>Hungary - Occupational Exposure Limits</b>	
Local name	KALCIUM-KARBONÁT
AK (OEL TWA)	10 mg/m <sup>3</sup>
Remark	N (Irritáló anyagok, egyszerű fojtógázok, csekély egészségkárosító hatással bíró anyagok)
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Calcium carbonate [Limestone, Marble]
OEL TWA	10 mg/m <sup>3</sup> total inhalable dust 4 mg/m <sup>3</sup> respirable dust
Remark	Advisory OELV (Advisory Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024
<b>Latvia - Occupational Exposure Limits</b>	
Local name	Kalcija karbonāts
OEL TWA	6 mg/m <sup>3</sup>
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2024. gada 26. martā noteikumiem Nr. 191).
<b>Poland - Occupational Exposure Limits</b>	
Local name	Węglan wapnia

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

<b>Calcium carbonate (1317-65-3)</b>	
NDS (OEL TWA)	10 mg/m <sup>3</sup> frakcija wdychalna
Remark	Frakcja wdychalna – frakcja aerozolu wnikaćca przez nos i usta, która stwarza zagrożenie dla zdrowia po zdeponowaniu w drogach oddechowych.
Regulatory reference	Dz. U. 2024 poz. 1017 wraz z późn. zm.
<b>Quartz (14808-60-7)</b>	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Local name	Silica crystalline (Quartz)
IOEL TWA	0.05 mg/m <sup>3</sup> (respirable dust)
Remark	(Year of adoption 2003)
Regulatory reference	SCOEL Recommendations
<b>Austria - Occupational Exposure Limits</b>	
Local name	Quarzfeinstaub (alveolengängiges kristallines Siliziumdioxid): Siliciumdioxid
MAK (OEL TWA)	0.15 mg/m <sup>3</sup>
Remark	Krebserzeugend: III
OEL chemical category	Group C Carcinogen alveolar dust
Regulatory reference	BGBI. II Nr. 339/2025
<b>Austria - Biological limit values</b>	
Local name	Quarzhaltigen Staub
Remark	Eignung mit vorzeitiger Folgeuntersuchung: Bei Vorliegen einer wesentlichen Beeinträchtigung der Lungenfunktion. Diese liegt jedenfalls vor, wenn nach mehrmaliger Messung der beste gemessene Wert den für den/die Untersuchte/n maßgebenden Sollwert um 20% unterschreitet bzw. den MEF50-Sollwert um 50% unterschreitet. Eine vorzeitige Folgeuntersuchung ist jedoch nicht erforderlich, wenn im Vergleich zu Vorbefunden der altersabhängige physiologische Abfall der 1-Sekundenkapazität (FEV1) von 40 ml/Jahr nicht überschritten wird oder aus der Beurteilung des Kurvenverlaufes der Forcierten Vitalkapazität (FVC) eine eingeschränkte Mitarbeit des Untersuchten/der Untersuchten ersichtlich ist. Der Zeitabstand zwischen den Untersuchungen beträgt bei Eignung: zwei Jahre bzw. für die Röntgenuntersuchung 4 Jahre; bei Eignung mit vorzeitiger Folgeuntersuchung: ein Jahr. Sofern eine vorzeitige Folgeuntersuchung lediglich auf Grund veränderter Lungenfunktionswerte erfolgt, ist die Lungenfunktionsprüfung durchzuführen, jedoch keine Röntgen-Aufnahme anzufertigen.
Regulatory reference	Verordnung über die Gesundheitsüberwachung am Arbeitsplatz 2024 (VGÜ)
<b>Belgium - Occupational Exposure Limits</b>	
Local name	Silices cristallines: quartz (poussières alvéolaires) # Siliciumdioxide (kristallijn): kwarts (inadembaar stof)
OEL TWA	0.05 mg/m <sup>3</sup>
Remark	(poussières alvéolaires)
OEL chemical category	Carcinogen alveolar dust
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
<b>Croatia - Occupational Exposure Limits</b>	
Local name	Kristalni SiO <sub>2</sub> , kvarc
GVI (OEL TWA)	0.1 mg/m <sup>3</sup>
Regulatory reference	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 148/2023)
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	0.1 mg/m <sup>3</sup> (dust)
<b>Denmark - Occupational Exposure Limits</b>	
Local name	Kvarts

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Quartz (14808-60-7)	
8-timers grænseværdi (OEL TWA)	0.3 mg/m <sup>3</sup> (inhalable aerosol) 0.1 mg/m <sup>3</sup> (K, respirable aerosol)
Korttidsgrænseværdi (OEL STEL)	0.6 mg/m <sup>3</sup> (inhalable aerosol) 0.2 mg/m <sup>3</sup> (K, respirable aerosol)
Remark	Kvarts, respirabel: K (betyder, at stoffet anses for at kunne være kræftfremkaldende og omfattet af bekendtgørelse om foranstaltninger til forebyggelse af risikoen ved arbejde med kræftfremkaldende, mutagene eller reproduktionstoksiske stoffer og materialer)
Regulatory reference	BEK nr 1356 af 19/11/2025
Finland - Occupational Exposure Limits	
Local name	Kvartsi
HTP (OEL TWA)	0.05 mg/m <sup>3</sup>
Regulatory reference	HTP-ARVOT 2025 (Sosiaali- ja terveystieteistön)
France - Occupational Exposure Limits	
Local name	Quartz (Silice cristalline)
VLEP 8h (OEL TWA)	0.1 mg/m <sup>3</sup> (fraction alvéolaire)
Remark	Valeurs réglementaires contraignantes. Les travaux exposant à la poussière de silice cristalline alvéolaire issue de procédés de travail sont considérés comme cancérogènes (arrêté du 26 octobre 2020 modifié)
OEL chemical category	Carcinogen categories 1A, 1B, 2 activities involving exposure to respirable crystalline silica dust from industrial processes
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 6443, 2022; Outil65; Décret n° 2019-1487; Décret n° 2020-1546; Décret n° 2021-434; Décret n° 2021-1849; Décret n° 2024-307)
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	0.15 mg/m <sup>3</sup>
Ireland - Occupational Exposure Limits	
Local name	Quartz, respirable dust
OEL TWA	0.1 mg/m <sup>3</sup>
OEL STEL	0.3 mg/m <sup>3</sup>
Remark	BOELV (Binding Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024
Lithuania - Occupational Exposure Limits	
Local name	Įkvepiamojo kristalinio silicio dioksido dulkių (išskyrus kristobalitą ir tridimitą)
IPRV (OEL TWA)	0.1 mg/m <sup>3</sup> (alveolinė frakcija) 0.1 ppm (Silicon dioxide variation-respirable fraction)
Remark	Kristalinio silicio dioksido formos yra šios: alfa kvarcas, beta kvarcas, alfa tridimitas, beta tridimitas, alfa kristobalitas, beta kristobalitas, kititas, koesitas, stišovitas ir moganitas. Kristobalitui ir tridimitui RD nustatytas atskirai.
Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-457/A1-154, 2022-07-18)
Netherlands - Occupational Exposure Limits	
Local name	Respirabel kristallijn silicastaof: – kwarts
Grenswaarde TGG 8H (mg/m <sup>3</sup> )	0.075 mg/m <sup>3</sup>
Remark	(Voor respirabel stof) (kankerverwekkende stoff)
Regulatory reference	Arbeidsomstandighedenregeling 2026
Portugal - Occupational Exposure Limits	
Local name	Silica, cristalina α-Quartzo
OEL TWA	0.025 mg/m <sup>3</sup> R (Fração respirável)
OEL chemical category	A2 - Suspected Human Carcinogen

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Quartz (14808-60-7)	
Remark	A2 (Agente carcinogénico confirmado nos animais de laboratório con relevância desconhecida no Homem)
Regulatory reference	Norma Portuguesa NP 1796:2014
Spain - Occupational Exposure Limits	
Local name	Sílíce Cristalina: Cuarzo
VLA-ED (OEL TWA)	0.1 mg/m <sup>3</sup>
Remark	(respirable aerosol)
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2025. INSHT
Sweden - Occupational Exposure Limits	
Local name	Kvarts
NGV (OEL TWA)	0.1 mg/m <sup>3</sup>
Remark	C (Ämnet är cancerframkallande); M (Medicinska kontroller kan krävas för hantering av ämnet); 24 (Ämnet har ett bindande EU-gränsvärde); 25 (Med inhalerbar och respirabel fraktion menas de dammfractioner som definieras i svensk standard SS-EN 481, Arbetsplatsluft – Partikelstorleksfraktioner för mätning av luftburna partiklar (utgåva 1, 1993). Med totaldamm menas de partiklar (aerosoler) som fastnar på ett filter i en totaldammprovtagare)
OEL chemical category	Carcinogen
Regulatory reference	Arbetsmiljöverkets föreskrifter och allmänna råd (AFS 2023:14) om gränsvärden för luftvägsexponering i arbetsmiljön

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station. Eye fountain.

#### Personal protection equipment

##### Personal protective equipment:

Gloves. Safety glasses.

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



#### Eye and face protection

##### Eye protection:

Safety glasses. DIN EN 166

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing. ISO 13688

#### Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF ISO 374-1 or equivalent)

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Nitrile rubber (NBR), Butyl rubber, Polyvinylchloride (PVC)	6 (> 480 minutes)	≥ 0,11		ISO 374-1

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Respiratory protection

#### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. EN 143

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Colour	: Grey.
Appearance	: Powder.
Odour	: odourless.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not applicable
Boiling point	: Not available
Flammability	: Non flammable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Not available
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	: Not available
Relative vapour density at 20°C	: Not applicable
Particle size	: Not available

### 9.2. Other information

No additional information available

## 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

No additional information available

### 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)

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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

### calcium sulfate (7778-18-9)

LD50 oral rat	> 1584 mg/kg bodyweight (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral)
LC50 Inhalation - Rat	> 2.61 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental value, Inhalation (dust))

### Calcium carbonate (1317-65-3)

LD50 oral rat	> 2000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight

Skin corrosion/irritation : Causes skin irritation.

### calcium sulfate (7778-18-9)

pH	6 – 7.6 (20 %)
----	----------------

Serious eye damage/irritation : Causes serious eye damage.

### calcium sulfate (7778-18-9)

pH	6 – 7.6 (20 %)
----	----------------

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

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)

### Quartz (14808-60-7)

IARC group	1 - Carcinogenic to humans
------------	----------------------------

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

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

### Portland cement (65997-15-1)

STOT-single exposure	May cause respiratory irritation.
----------------------	-----------------------------------

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

STOT-single exposure	May cause respiratory irritation.
----------------------	-----------------------------------

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

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

### Cementitious LCS

Viscosity, kinematic	Not applicable
----------------------	----------------

## 11.2. Information on other hazards

### Endocrine disrupting properties

Adverse health effects 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 substance(s) are 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 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)

### Cement, alumina, chemicals (65997-16-2)

LC50 - Fish [1]	> 100 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout)
-----------------	---

### calcium sulfate (7778-18-9)

LC50 - Fish [1]	2980 mg/l (96 h, <i>Lepomis macrochirus</i> )
-----------------	---

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 12.2. Persistence and degradability

#### Cementitious LCS

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

#### Cement, alumina, chemicals (65997-16-2)

Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
-------------------------------	--

#### Portland cement (65997-15-1)

Persistence and degradability	Biodegradability in water: no data available.
-------------------------------	---

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

Persistence and degradability	Biodegradability in water: no data available.
-------------------------------	---

#### calcium sulfate (7778-18-9)

Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
-------------------------------	--

Biochemical oxygen demand (BOD)	Not applicable
---------------------------------	----------------

Chemical oxygen demand (COD)	Not applicable
------------------------------	----------------

ThOD	Not applicable
------	----------------

BOD (% of ThOD)	Not applicable
-----------------	----------------

#### Calcium carbonate (1317-65-3)

Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
-------------------------------	--

#### Quartz (14808-60-7)

Persistence and degradability	Biodegradability in water: no data available.
-------------------------------	---

### 12.3. Bioaccumulative potential

#### calcium sulfate (7778-18-9)

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

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 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 substance(s) are 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

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.

Ecological waste information : Avoid release to the environment.

HP Code : HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
<b>14.1. UN number or ID number</b>			
Not regulated for transport			
<b>14.2. UN proper shipping name</b>			
Not regulated	Not regulated	Not regulated	Not regulated

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG	IATA	RID
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
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

#### 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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

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

##### REACH Annex XIV (Authorisation List)

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

##### REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List < 0.1% or SCL.

##### 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 (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### Explosives Precursors Regulation (EU 2019/1148)

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

##### Drug Precursors Regulation (EC 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)

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### National regulations

#### Denmark

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with it.  
If an employee is pregnant or breastfeeding and the person in question uses or is exposed to this product at work, the employer must always carry out a risk assessment of the work. The assessment must both deal with the dangerousness of the impact and its strength and duration. The employer's decision that a pregnant or lactating woman can perform a specific work task must therefore be made in the context of her specific working conditions. See also WEA-Guideline A.1.8-7 on the working environment of pregnant and breastfeeding workers.  
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

#### France

Occupational diseases	
Code	Description
RG 25	Diseases resulting from the inhalation of mineral dust containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite or coal.

#### 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 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).

#### Netherlands

ABM category

: A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen

: Cement, alumina, chemicals, Flue dust, portland cement are listed

SZW-lijst van mutagene stoffen

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

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Poland

#### Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).  
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).  
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).  
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).  
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488).  
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).  
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891).  
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes

Section	Changed item	Comments
2.1	Adverse physicochemical, human health and environmental effects	<b>Modified</b>
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	<b>Modified</b>
2.2	EUH-statements	<b>Added</b>
2.2	Hazard pictograms (CLP)	<b>Modified</b>
2.2	Precautionary statements (CLP)	<b>Modified</b>
2.2	Hazard statements (CLP)	<b>Modified</b>
4.2	Symptoms/effects after skin contact	<b>Modified</b>
8.2	Skin and body protection	<b>Modified</b>
11	Adverse health effects caused by endocrine disrupting properties	<b>Added</b>
12.6	Adverse effects on the environment caused by endocrine disrupting properties	<b>Added</b>

### Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
IATA	International Air Transport Association

# Cementitious LCS

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Abbreviations and acronyms:	
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Data sources

: ECHA (European Chemicals Agency).

Other information

: REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
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
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
EUH208	Contains Flue dust, portland cement. May produce an allergic reaction.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method

This Safety Data Sheet is compiled by: ChemPros B.V. | +31(0)858881927 | info@chemprosbv.nl