according to Regulation (EC) No. 1907/2006 (REACH)

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

1.1 Product identifier

Trade name Registration number (REACH) Unique formula identifier (UFI)

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not relevant (mixture) 09GA-76SJ-Q00S-S0C1

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

Relevant identified uses

Uses advised against

Mortar Observe technical data sheet Observe technical data sheet

1.3 Details of the supplier of the safety data sheet

Baumit Beteiligungen GmH Wopfing 156 2754 Waldegg Austria

Telephone: +43 5 01881 0 e-mail: office@baumit.com

e-mail (competent person)

office@baumit.com

1.4 Emergency telephone number

ſ

Poison centre			
Country	Name	Postal code/ city	Telephone
Austria	Vergiftungsinformationszentrale an der 1. Medizinischen Universitätsklinik 24h Notruf Mo-So	1090 Wien	+43 (0)1 4064 343-0



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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)

Section	Hazard class	Cat- egory	Hazard class and category	Hazard statement
3.3	serious eye damage/eye irritation	1	Eye Dam. 1	H318

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

- Signal word: danger

- Pictograms:





- Hazard statements:

H318

Causes serious eye damage.

- Precautionary	statements:
-----------------	-------------

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P260	Do not breathe dust.
P280	Wear protective gloves/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.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container in accordance with local/regional/national/inter- national regulations.

- Hazardous ingredients for labelling:

Calciumdihydroxid Ca(OH)2, Portland cement clinker (a)

2.3 Other hazards

Of no significance.

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SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Calciumdihydroxid Ca(OH)2	CAS No 1305-62-0 EC No 215-137-3 REACH Reg. No 01-2119475151-45- xxxx 01-2119862018-38- xxxx	3-<5	Skin Irrit. 2 / H315 Eye Dam. 1 / H318 STOT SE 3 / H335	
Portland cement clinker (a)	CAS No 65997-15-1 EC No 266-043-4	1-<3	Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Skin Sens. 1 / H317 STOT SE 3 / H335	

(a) Portland Cement Clinker is exempt from registration under Article 2.7 (b) and Annex V.10 of Regulation (EC) No 1907/2006 (REACH). C&L notification No. 02-2119682167-31-0000 (Notification update of July 1, 2013 - Submission of Report No. QJ420702-40). For full text of abbreviations: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

- General notes

Avoid contact with skin and eyes. Avoid breathing dust. Prevent skin contact. In all cases of doubt, or when symptoms persist, seek medical advice.

- Following skin contact

Rinse skin with water/shower. In all cases of doubt, or when symptoms persist, seek medical advice.

- Following eye contact

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

- Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Call a POISON CENTER.

4.2 Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.

Extended inhalation at levels above the occupational exposure limit values can cause irreversible damage to the lungs.



according to Regulation (EC) No. 1907/2006 (REACH)

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4.3 Indication of any immediate medical attention and special treatment needed

There is no additional information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media

Non-combustible.

- Unsuitable extinguishing media

Not relevant.

5.2 Special hazards arising from the substance or mixture

None.

Deposited combustible dust has considerable explosion potential. Not dust explosion capable. Non-combustible.

Hazardous combustion products Carbon monoxide (CO), Carbon dioxide (CO2)

5.3 Advice for firefighters

Non-combustible.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

- For emergency responders

[In case of inadequate ventilation] wear respiratory protection.

6.2 Environmental precautions

Keep away from drains, surface and ground water (PH (value)) Disposal considerations: see section 13.

6.3 Methods and material for containment and cleaning up

- Advice on how to contain a spill

Collect spillage. Use appropriate container to avoid environmental contamination. Wet clean or vacuum up solids. Don't use a brush or compressed air for cleaning surfaces or clothing.

- Advice on how to clean up a spill

Take up mechanically.

- Other information relating to spills and releases

Place in appropriate containers for disposal.

6.4 Reference to other sections

See also to sections 8 and 13 of the safety data sheet. Section 7.





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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Recommendations

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

- Measures to prevent fire as well as aerosol and dust generation

Non-combustible.

- Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room.

- Handling of incompatible substances or mixtures

Do not mix with other chemicals.

- Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink.

7.2 Conditions for safe storage, including any incompatibilities

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

Removal of dust deposits.

7.3 Specific end use(s)

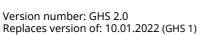
See section 16 for a general overview.



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Coun- try	Name of agent	CAS No	Identi- fier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Ceiling-C [mg/m³]	Nota- tion	Source
AT	biologically inert suspended solids		MAK		10		20 (60 min)		i	GKV
AT	biologically inert suspended solids		MAK		5		10 (60 min)		r	GKV
AT	calcium dihydrox- ide	1305-62-0	MAK		1			4 (5 min)	i	GKV
AT	portland cement	65997-15-1	MAK		5				i, dust	GKV
AT	calcium sulfate	7778-18-9	MAK		5		10 (60 min)		r	GKV
EU	calcium dihydrox- ide	1305-62-0	IOELV		1		4		r	2017/ 164/EU

Notation

 Ceiling-C
 ceiling value is a limit value above which exposure should not occur

 dust
 as dust

 i
 inhalable fraction

 r
 respirable fraction

 STEL
 short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

 TWA
 time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs of components of the mixture								
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time		
Calciumdihydroxid Ca(OH)2	1305-62-0	DNEL	1 mg/m³	human, inhalatory	worker (industry)	chronic - local effects		
Calciumdihydroxid Ca(OH)2	1305-62-0	DNEL	4 mg/m ³	human, inhalatory	worker (industry)	acute - local effects		

Relevant PNECs of components of the mixture								
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time		
Calciumdihydroxid Ca(OH)2	1305-62-0	PNEC	0,49 ^{mg} / _l	aquatic organisms	freshwater	short-term (single in- stance)		
Calciumdihydroxid Ca(OH)2	1305-62-0	PNEC	0,32 ^{mg} / _l	aquatic organisms	marine water	short-term (single in- stance)		
Calciumdihydroxid Ca(OH)2	1305-62-0	PNEC	3 ^{mg} / _l	aquatic organisms	sewage treatment plant (STP)	short-term (single in- stance)		
Calciumdihydroxid Ca(OH)2	1305-62-0	PNEC	1.080 ^{mg} / _{kg}	terrestrial organ- isms	soil	short-term (single in- stance)		



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8.2 Exposure controls

- Appropriate engineering controls

Use local and general ventilation

- Individual protection measures (personal protective equipment)



Wear eye/face protection



Wear protective gloves

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.



Sicherheitsschuhe tragen.



Wear respiratory protection

If the exposure limit values are exceeded (e.g. during open handling of powdery product), a suitable respiratory protection mask must be used (e.g. according to EN 149). As a rule, particle-filtering half masks of type FFP1 or FFP2 are to be used (see table).

- Environmental exposure controls

Avoid release to the environment. Refer to special instructions/safety data sheets. Before discharge of the waste water into a municipal waste water treatment facility the product normally needs to be neutralised.



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	solid
Colour	whitish
Odour	odourless
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not determined
Flammability	this material is combustible, but will not ignite readily
Lower and upper explosion limit	30 g/m³ - 11.000 g/m³
Flash point	not applicable
Auto-ignition temperature	>400 °C
Decomposition temperature	not relevant
pH (value)	12 – 13 (in aqueous solution: 80 % (^w / _w), 20 °C) ^(base)
Kinematic viscosity	not relevant
Solubility(ies)	not determined

Partition coefficient

Partition coefficient n-octanol/water (log value) this information is not available

Vapour pressure	not determined
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Density and/or relative density

Density	not determined
Relative vapour density	information on this property is not available

Particle characteristics	no data available
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Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant	
Other safety characteristics		
Solvent content	16 %	
Solid content	84,29 %	

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The product develops an alkaline pH value with moisture and can cause irritation. Reactivity with water.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Protect from moisture.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.5 Incompatible materials

Oxidisers.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.

according to Regulation (EC) No. 1907/2006 (REACH)

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

- Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

- Classification according to GHS (1272/2008/EC, CLP)

- Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if swallowed or if inhaled.

- Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

- Serious eye damage/eye irritation

Causes serious eye damage.

- Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

- Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

- Carcinogenicity

Shall not be classified as carcinogenic.

- Reproductive toxicity

Shall not be classified as a reproductive toxicant.

- Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

- Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

- Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

There is no additional information.



according to Regulation (EC) No. 1907/2006 (REACH)

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SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

- **12.2 Persistence and degradability** Data are not available.
- **12.3 Bioaccumulative potential** Data are not available.
- **12.4 Mobility in soil** Data are not available.
- **12.5 Results of PBT and vPvB assessment** Data are not available.
- **12.6 Endocrine disrupting properties** None of the ingredients are listed.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Wet clean or vacuum up solids.

- Waste codes/waste designations according to LoW:

17 08 02: Gypsum-based construction materials other than those mentioned in 17 08 01

- Schlüsselnummer nach nationaler Abfallverzeichnisverordnung (ÖNORM S2100):

31438: Plaster

- Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

- Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

- Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.





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SECTION 14: Transport information

14.1 UN number or ID number

- 14.2 UN proper shipping name
- 14.3 Transport hazard class(es)
- 14.4 Packing group
- 14.5 Environmental hazards

not subject to transport regulations

not relevant

none

not assigned

non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

- Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information

Not subject to ADR, RID and ADN.

- International Maritime Dangerous Goods Code (IMDG) - Additional information Not subject to IMDG.

- International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information Not subject to ICAO-IATA.



according to Regulation (EC) No. 1907/2006 (REACH)

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SECTION 15: Regulatory information

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

- Relevant provisions of the European Union (EU)

- Restrictions according to REACH, Annex XVII

Dangerous substances with restrictions (REACH, Annex XVII)

Name of substance	Name acc. to inventory	Restriction
Portland cement clinker (a)	chromium(VI) compounds	R47

Legend R47

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.

4. The standard adopted by the European Committee for Standardization (CEN) for testing the water-soluble chromium (VI) content of cement and cement-containing mixtures shall be used as the test method for demonstrating conformity with paragraph 1.

Leather articles coming into contact with the skin shall not be placed on the market where they contain chromium VI in concentrations equal to or greater than 3 mg/kg (0,0003 % by weight) of the total dry weight of the leather.
 Articles containing leather parts coming into contact with the skin shall not be placed on the market where any of those leather parts contains chromium VI in concentrations equal to or greater than 3 mg/kg (0,0003 % by weight) of the skin shall not be placed on the market where any of those leather parts contains chromium VI in concentrations equal to or greater than 3 mg/kg (0,0003 % by weight) of the total dry

weight of that leather part. 7. Paragraphs 5 and 6 shall not apply to the placing on the market of second-hand articles which were in end-use in the Union before 1 May 2015.

- List of substances subject to authorisation (REACH, Annex XIV)

/ SVHC - candidate list

None of the ingredients are listed.

- Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

None of the ingredients are listed.

- Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

Water Framework Directive (WFD)

List of pollutants (WFD)

Name of substance	CAS No	Listed in	Remarks
Calciumdihydroxid Ca(OH)2		A)	

Legend

A)Indicative list of the main pollutants

- Regulation on the marketing and use of explosives precursors

Not relevant.

- Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.



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- National regulations (Austria)

- Ordinance on combustible liquids (VbF)

Not applicable.

- National inventories

Coun- try	Inventory	Status
EU	REACH Reg.	not all ingredients are listed

Legend

REACH Reg. REACH registered substances

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.



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SECTION 16: Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety- relev- ant
1.1	Unique formula identifier (UFI): A300-V0PU-900S-GW2R 09GA-76SJ-Q00S-S0C1	Unique formula identifier (UFI): 09GA-76SJ-Q00S-S0C1	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2017/164/EU	Commission Directive establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/ 161/EU
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de naviga- tion intérieures (European Agreement concerning the International Carriage of Dangerous Goods by In- land Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concern- ing the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identi- fier of substances commercially available within the EU (European Union)
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Na- tions
GKV	Grenzwerteverordnung
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
IOELV	Indicative occupational exposure limit value
LoW	List of Wastes
NLP	No-Longer Polymer
РВТ	Persistent, Bioaccumulative and Toxic

according to Regulation (EC) No. 1907/2006 (REACH)

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Abbr.	Descriptions of used abbreviations
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regula- tions concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
STEL	Short-term exposure limit
STOT SE	Specific target organ toxicity - single exposure
SVHC	Substance of Very High Concern
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture. Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

End of safety data sheet.