

**Trade name:** einzA mineralit Edelputz K

**Product no.:** 0024112

**Current version :** 2.0.0, issued: 17.01.2022

**Replaced version:** 1.0.0, issued: 05.01.2022

**Region:** GB

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

### 1.1 Product identifier

Trade name

**einzA mineralit Edelputz K**

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

**Relevant identified uses of the substance or mixture**

Mortar

**Uses advised against**

No data available.

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

**Address**

einzA Farben GmbH & Co KG  
Junkersstraße 13  
30179 Hannover

Telephone no. +49 (0)511 67490-0  
Fax no. +49 (0)511 67490-20  
e-mail info@einza.com

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Eye Dam. 1; H318

Skin Irrit. 2; H315

STOT SE 3; H335

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

### 2.2 Label elements

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

**Hazard pictograms**



GHS05



GHS07

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

CALCIUM DIHYDROXIDE

Portland cement

**Hazard statement(s)**

H315

Causes skin irritation.

H318

Causes serious eye damage.

H335

May cause respiratory irritation.

**Precautionary statement(s)**

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P271

Use only outdoors or in a well-ventilated area.

P280

Wear protective gloves/eye 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.

P405

Store locked up.

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P501

Dispose of contents/container to a facility in accordance with local and national regulations.

**2.3 Other hazards**

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures**

Hazardous ingredients

No	Substance name		Additional information		%
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration		
1	<b>CALCIUM DIHYDROXIDE</b>				
	1305-62-0 215-137-3 - 01-2119475151-45	Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335	>=	10.00 - < 25.00	wt%
2	<b>Portland cement</b>				
	65997-15-1 266-043-4 - -	Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335	>=	5.00 - < 10.00	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice. Remove contaminated clothing and shoes and launder thoroughly before reusing.

**After inhalation**

Ensure supply of fresh air.

**After skin contact**

When in contact with the skin, clean with soap and water.

**After eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

**After ingestion**

Rinse the mouth thoroughly with water. Get medical attention if pain still persists.

**4.2 Most important symptoms and effects, both acute and delayed**

No data available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Water spray jet; Dry chemical extinguisher; Carbon dioxide; Foam

**Unsuitable extinguishing media**

No data available.

**5.2 Special hazards arising from the substance or mixture**In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear protective clothing.

**SECTION 6: Accidental release measures**

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## 6.1 Personal precautions, protective equipment and emergency procedures

### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid dust formation. Ensure adequate ventilation.

### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

## 6.2 Environmental precautions

Is not allowed to be released into the sewerage or water courses.

## 6.3 Methods and material for containment and cleaning up

Collect mechanically. When collected, handle material as described under the section heading "Disposal considerations".

## 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

For personal protection see section 8. Avoid the formation and deposition of dust.

#### General protective and hygiene measures

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream. Do not inhale dust. Remove soiled or soaked clothing immediately.

#### Advice on protection against fire and explosion

Avoid formation of dust. Keep away from sources of heat and ignition.

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

#### Technical measures and storage conditions

Comply with legal health and safety regulations; Store in a dry place. Protect from atmospheric moisture and water.

#### Requirements for storage rooms and vessels

Always keep in containers of same material as the original one. Keep container tightly closed. Observe label precautions.

#### Incompatible products

Do not store together with: oxidizing agents; Acids; Alkalies

### 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	<b>CALCIUM DIHYDROXIDE</b>	<b>1305-62-0</b>	<b>215-137-3</b>
	<b>2017/164/EU</b>		
	Calcium dihydroxide		
	WEL short-term (15 min reference period)	4 (Resp)	mg/m <sup>3</sup>
	WEL long-term (8-hr TWA reference period)	1 (Resp)	mg/m <sup>3</sup>
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Calcium hydroxide		
	WEL long-term (8-hr TWA reference period)	5	mg/m <sup>3</sup>
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Calcium hydroxide (Respirable fraction)		
	WEL short-term (15 min reference period)	4	mg/m <sup>3</sup>
	WEL long-term (8-hr TWA reference period)	1	mg/m <sup>3</sup>
2	<b>Portland cement</b>	<b>65997-15-1</b>	<b>266-043-4</b>
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Portland Cement		
	total inhalable dust		
	WEL long-term (8-hr TWA reference period)	10	mg/m <sup>3</sup>
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Portland Cement		
	respirable dust		
	WEL long-term (8-hr TWA reference period)	4	mg/m <sup>3</sup>
3	<b>Dust</b>		
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Dust respirable		

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WEL long-term (8-hr TWA reference period)	4	mg/m <sup>3</sup>
Comments	see Definition 44 "Dust"	
<b>List of approved workplace exposure limits (WELs) / EH40</b>		
Dust inhalable		
WEL long-term (8-hr TWA reference period)	10	mg/m <sup>3</sup>
Comments	see Definition 44 "Dust"	

**DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	CALCIUM DIHYDROXIDE			1305-62-0 215-137-3
	inhalative	Long term (chronic)	local	1 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	4 mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	CALCIUM DIHYDROXIDE			1305-62-0 215-137-3
	inhalative	Long term (chronic)	local	1 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	4 mg/m <sup>3</sup>

**PNEC values**

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	CALCIUM DIHYDROXIDE		1305-62-0 215-137-3
	water	fresh water	0.49 mg/L
	water	marine water	0.32 mg/L
	water	Aqua intermittent	0.49 mg/L
	soil	-	1080 mg/kg dry weight
	sewage treatment plant	-	3 mg/L

**8.2 Exposure controls****Appropriate engineering controls**

Provide good ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Personal protective equipment****Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event that workplace threshold values are not specified. Particle filter half mask, filter P2

**Eye / face protection**

Safety glasses with side protection shield (EN 166)

**Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

**Other**

Light protective clothing

**Environmental exposure controls**

Do not allow to enter drains or water courses.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>State of aggregation</b>
solid
<b>Form/Colour</b>
Powder
according to product name
<b>Odour</b>

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odourless
<b>pH value</b>
Value > 12
<b>Boiling point / boiling range</b>
Not applicable
<b>Melting point/freezing point</b>
Not applicable
<b>Decomposition temperature</b>
No data available
<b>Flash point</b>
Not applicable
<b>Ignition temperature</b>
No data available
<b>Oxidising properties</b>
Not applicable
<b>Explosive properties</b>
Not applicable
<b>Flammability</b>
Not applicable
<b>Lower explosion limit</b>
No data available
<b>Upper explosion limit</b>
No data available
<b>Vapour pressure</b>
No data available
<b>Relative vapour density</b>
No data available
<b>Relative density</b>
No data available
<b>Density</b>
No data available
<b>Solubility in water</b>
Comments miscible
<b>Solubility</b>
No data available
<b>Partition coefficient n-octanol/water (log value)</b>
No data available
<b>Viscosity</b>
Not applicable
<b>Solvent separation test</b>
Not applicable
<b>Particle characteristics</b>
No data available

**9.2 Other information**

<b>Other information</b>
No data available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

None, when used as directed.

**10.4 Conditions to avoid**

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Protect from humid air and water.

**10.5 Incompatible materials**

Acids; Oxidizing agents; Alkalies

**10.6 Hazardous decomposition products**

None if stored, handled and transported properly.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
LD50		> 2000	mg/kg bodyweight
Species		rat	
Method		OECD 425	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
LD50		> 2500	mg/kg bodyweight
Species		rabbit	
Method		OECD 402	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Acute inhalational toxicity			
No data available			
Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
Duration of exposure		4	h
Species		rabbit	
Method		OECD 404	
Source		ECHA	
Evaluation		irritant	
Evaluation/classification		Based on available data, the classification criteria are met.	
Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		corrosive	
Evaluation/classification		Based on available data, the classification criteria are met.	
Respiratory or skin sensitisation			
No data available			
Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
Type of examination		in vitro gene mutation study in bacteria	
Species		Salmonella typhimurium: TA 1535, TA 1537, TA 98, TA 100; Escherichia coli WP2 uvrA	
Method		OECD 471	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Type of examination		In vitro Mammalian Chromosomal Aberration Test	
Species		Human Lymphocyte	
Method		OECD 473	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Type of examination		in vitro gene mutation study in mammalian cells	
Species		Mouse lymphoma cells	
Method		OECD 476	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

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<b>Reproduction toxicity</b>			
No data available			
<b>Carcinogenicity</b>			
No data available			
<b>STOT - single exposure</b>			
No data available			
<b>STOT - repeated exposure</b>			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
Route of exposure		inhalational	
Species		rat	
Method		OECD 412	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		oral	
Species		rat	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
<b>Aspiration hazard</b>			
Not applicable			
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>			
Inhalation of dusts may irritate the respiratory tract. Contact with the skin and eyes may cause mechanical irritation.			

## 11.2 Information on other hazards

### Endocrine disrupting properties

No data available.

### Other information

No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

<b>Toxicity to fish (acute)</b>			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
LC50		50.6	mg/l
Duration of exposure		96	h
Species		Oncorhynchus mykiss	
Method		OECD 203	
Source		ECHA	
<b>Toxicity to fish (chronic)</b>			
No data available			
<b>Toxicity to Daphnia (acute)</b>			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
EC50		49.1	mg/l
Duration of exposure		48	h
Species		Daphnia magna	
Method		OECD 202	
Source		ECHA	
<b>Toxicity to Daphnia (chronic)</b>			
No data available			
<b>Toxicity to algae (acute)</b>			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
EC50		184.57	mg/l
Duration of exposure		72	h
Species		Pseudokirchneriella subcapitata	
Method		OECD 201	
Source		ECHA	
<b>Toxicity to algae (chronic)</b>			
No data available			
<b>Bacteria toxicity</b>			

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No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
EC50		300.4	mg/l
Duration of exposure		3	h
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

## 12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
Source	ECHA		
Evaluation	Not applicable for inorganic substances.		

## 12.3 Bioaccumulative potential

No data available.

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

## 12.6 Endocrine disrupting properties

No data available.

## 12.7 Other adverse effects

No data available.

## 12.8 Other information

Other information
Do not allow to enter drains or water courses.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

#### Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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

Not relevant



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## SECTION 15: Regulatory information

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

#### EU regulations

<b>Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)</b>
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According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.
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<b>REACH candidate list of substances of very high concern (SVHC) for authorisation</b>
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According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.
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<b>Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES</b>
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According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances subject to restriction as listed in Annex XVII of the REACH regulation (EC) 1907/2006.
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<b>Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances</b>
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This product is not subject to Part 1 or 2 of Annex I.
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#### National regulations

##### **Other national regulations**

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment.

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## SECTION 16: Other information

#### **Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

#### **Creation of the safety data sheet**

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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