

Trade name: einzA mineralit Edelputz K**Product no.:** 0024112**Current version :** 2.0.1, issued: 29.08.2024**Replaced version:** 2.0.0, issued: 17.01.2022**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**

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Junkersstraße 13

30179 Hannover

Telephone no. +49 (0)511 67490-0

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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.

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P501Store locked up.
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	CALCIUM DIHYDROXIDE		
	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	Portland cement		
	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 mixtureIn the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear protective clothing.

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SECTION 6: Accidental release measures**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	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
List of approved workplace exposure limits (WELs) / EH40			
Calcium hydroxide			
	WEL long-term (8-hr TWA reference period)	5	mg/m ³
List of approved workplace exposure limits (WELs) / EH40			
Calcium hydroxide (Respirable fraction)			
	WEL short-term (15 min reference period)	4	mg/m ³
	WEL long-term (8-hr TWA reference period)	1	mg/m ³
2017/164/EU			
Calcium dihydroxide			
	WEL short-term (15 min reference period)	4 (9)	mg/m ³
	WEL long-term (8-hr TWA reference period)	1 (9)	mg/m ³
2	Portland cement	65997-15-1	266-043-4
List of approved workplace exposure limits (WELs) / EH40			
Portland Cement			
	total inhalable dust		
	WEL long-term (8-hr TWA reference period)	10	mg/m ³
List of approved workplace exposure limits (WELs) / EH40			
Portland Cement			
	respirable dust		
	WEL long-term (8-hr TWA reference period)	4	mg/m ³
3	Dust		

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List of approved workplace exposure limits (WELs) / EH40		
Dust respirable		
WEL long-term (8-hr TWA reference period)	4	mg/m³
Comments	see Definition 44 "Dust"	
List of approved workplace exposure limits (WELs) / EH40		
Dust inhalable		
WEL long-term (8-hr TWA reference period)	10	mg/m³
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 ³
	inhalative	Short term (acute)	local	4 mg/m ³

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 ³
	inhalative	Short term (acute)	local	4 mg/m ³

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
	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**

State of aggregation
solid
Form
Powder
Colour

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

9.2 Other information

Other information	
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

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None, when used as directed.

10.4 Conditions to avoid

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		

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Method	OECD 476
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Reproduction toxicity	
No data available	
Carcinogenicity	
No data available	
STOT - single exposure	
No data available	
STOT - repeated exposure	
No	Substance name
1	CALCIUM DIHYDROXIDE
	CAS no. 1305-62-0
	EC no. 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.
Aspiration hazard	
Not applicable	
Endocrine disrupting properties	
No data available	
Delayed and immediate effects as well as chronic effects from short and long-term exposure	
Inhalation of dusts may irritate the respiratory tract. Contact with the skin and eyes may cause mechanical irritation.	

11.2 Information on other hazards

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
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		
Toxicity to fish (chronic)			
No data available			
Toxicity to Daphnia (acute)			
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		
Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	CALCIUM DIHYDROXIDE	1305-62-0	215-137-3
NOEC		32	mg/l
Duration of exposure		14	day(s)
Species	Daphnia		
Method	OECD 211		
Source	ECHA		
Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.

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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		
Toxicity to algae (chronic)			
No data available			
Bacteria toxicity			
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	
Product Name	
einza mineralit Edelputz K	
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 UN number or ID number**

Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

14.3 Transport hazard class(es)

Not classified as dangerous in the meaning of transport regulations.

14.4 Packing group

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Not classified as dangerous in the meaning of transport regulations.

14.5 Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

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

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

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.

REACH candidate list of substances of very high concern (SVHC) for authorisation

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.

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

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.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

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.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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