

Trade name: einzA Mur

Product no.: 0075000

Current version : 2.0.0, issued: 28.04.2021

Replaced version: 1.0.0, issued: 26.03.2020

Region: GB

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name

**einzA Mur**

Substance name	Calcium sulfate
REACH registration no.	01-2119444918-26

**Identification numbers**

CAS no.	7778-18-9
EC no.	231-900-3

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

filling agent

**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 information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

**2.2 Label elements**

Not relevant

**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****Chemical characterization**

Substance name	Calcium sulfate
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**Identification numbers**

CAS no.	7778-18-9
EC no.	231-900-3

**3.2 Mixtures**

Not applicable. The product is not a mixture.

**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**

**Trade name:** einzA Mur**Product no.:** 0075000**Current version :** 2.0.0, issued: 28.04.2021**Replaced version:** 1.0.0, issued: 26.03.2020**Region:** GB

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**

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

**Unsuitable extinguishing media**

No data available.

**5.2 Special hazards arising from the substance or mixture**

None known.

**5.3 Advice for firefighters**

No special measures necessary.

**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**

Take up 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**

Trade name: einzA Mur

Product no.: 0075000

Current version : 2.0.0, issued: 28.04.2021

Replaced version: 1.0.0, issued: 26.03.2020

Region: GB

## 8.1 Control parameters

### Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	Dust		
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Dust respirable			
	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 sulfate			7778-18-9 231-900-3	
	inhalative	Long term (chronic)	systemic	21.17	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	5082	mg/m <sup>3</sup>

#### DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	Calcium sulfate			7778-18-9 231-900-3	
	oral	Long term (chronic)	systemic	1.52	mg/kg/day
	oral	Short term (acut)	systemic	11.4	mg/kg/day
	inhalative	Long term (chronic)	systemic	5.29	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	3811	mg/m <sup>3</sup>

#### PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	Calcium sulfate		7778-18-9 231-900-3	
	sewage treatment plant	-	100	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. Particle filter half mask, filter FFP1

##### 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

Trade name: einzA Mur

Product no.: 0075000

Current version : 2.0.0, issued: 28.04.2021

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Region: GB

<b>Form/Colour</b>			
Powder			
various			
<b>Odour</b>			
neutral			
<b>pH value</b>			
Value	6	-	8
Comments	aqueous solution		
<b>Boiling point / boiling range</b>			
Not applicable			
<b>Melting point/freezing point</b>			
Value		1450	°C
<b>Decomposition temperature</b>			
Value	appr.	1000	°C
<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>Bulk density</b>			
Value	800	-	1000 kg/m <sup>3</sup>
<b>Solubility in water</b>			
Value	8.8		g/L
Reference temperature	20		°C
<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

Trade name: einzA Mur

Product no.: 0075000

Current version : 2.0.0, issued: 28.04.2021

Replaced version: 1.0.0, issued: 26.03.2020

Region: GB

**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**

Protect from humid air and water.

**10.5 Incompatible materials**

Acids; Oxidizing agents; Alkalies

**10.6 Hazardous decomposition products**

Sulfur trioxide; Calcium oxide

**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 sulfate	7778-18-9	231-900-3
LD50	>	1581	mg/kg bodyweight
Species	rat		
Method	OECD 420		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Acute dermal toxicity			
No data available			
Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Calcium sulfate	7778-18-9	231-900-3
LC50	>	2.61	mg/l
Duration of exposure		4	h
State of aggregation	Dust		
Species	rat		
Method	OECD 403		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Calcium sulfate	7778-18-9	231-900-3
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Calcium sulfate	7778-18-9	231-900-3
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Calcium sulfate	7778-18-9	231-900-3
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
Germ cell mutagenicity			
No data available			
Reproduction toxicity			
No data available			

Trade name: einzA Mur

Product no.: 0075000

Current version : 2.0.0, issued: 28.04.2021

Replaced version: 1.0.0, issued: 26.03.2020

Region: GB

<b>Carcinogenicity</b>
No data available
<b>STOT - single exposure</b>
No data available
<b>STOT - repeated exposure</b>
No data available
<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 data available
<b>Toxicity to fish (chronic)</b>
No data available
<b>Toxicity to Daphnia (acute)</b>
No data available
<b>Toxicity to Daphnia (chronic)</b>
No data available
<b>Toxicity to algae (acute)</b>
No data available
<b>Toxicity to algae (chronic)</b>
No data available
<b>Bacteria toxicity</b>
No data available

**12.2 Persistence and degradability**

No data available.

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

<b>Results of PBT and vPvB assessment</b>	
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**

<b>Other information</b>
Do not allow to enter drains or water courses.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product**

Waste code 17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01  
 The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final

Trade name: einzA Mur

Product no.: 0075000

Current version : 2.0.0, issued: 28.04.2021

Replaced version: 1.0.0, issued: 26.03.2020

Region: GB

decision must be made 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

**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)**

In accordance with the REACH regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorisation.

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

In accordance with article 57 and article 59 of the Reach regulation (EC) 1907/2006, this substance is not considered as subject to listing in annex XIV, inventory of substances requiring authorisation ("Authorization list").

**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**

The substance is not subject to the provisions of annex XVII (restriction entries) of the Reach regulation (EC) 1907/2006.

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

This substance 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**

UMCO GmbH

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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.

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**Current version :** 2.0.0, issued: 28.04.2021

**Replaced version:** 1.0.0, issued: 26.03.2020

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

Alterations/supplements:

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