



# Stucco plaster

## Product Safety Information Sheet

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis  
Issue date: 7/8/2024 Revision date: 7/8/2024 Supersedes version of: 5/11/2022 Version: 8.1

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

#### 1.1. Product identifier

Product form : Substance  
Substance name : Stucco plaster  
EC-No. : 600-067-1  
CAS-No. : 10034-76-1  
REACH registration No. : 01-2119444918-26  
Product code : 10271\_0010

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

##### Relevant identified uses

Use of the substance/mixture : Construction materials  
Construction materials additives

##### Uses advised against

Restrictions on use : Not to be used for any purpose other than the one the product was designed for

#### 1.3. Details of the supplier of product safety information sheet

##### Manufacturer

Knauf Gips KG  
Am Bahnhof 7  
DE 97346 Iphofen, Bayern  
Germany  
T +49 9323/31-0, F +49 9323/31-277  
[sds-info@knauf.com](mailto:sds-info@knauf.com), [www.knauf.com](http://www.knauf.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

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

No additional information available

#### 2.2. Label elements

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

No labelling applicable

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII  
Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

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The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is 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

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Name : Stucco plaster  
CAS-No. : 10034-76-1  
EC-No. : 600-067-1

Name	Product identifier	%
calcium sulfate, dihydrate	CAS-No.: 10101-41-4 EC-No.: 600-148-1	≤ 100

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution. Get medical advice/attention.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell. Rinse mouth out with water.

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

No additional information available

#### 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 : The product is not flammable. If there is a fire close by, use suitable extinguishing agents. Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Strong water jet.

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

Fire hazard : Not combustible.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

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

General measures : Avoid dust formation. Avoid contact with skin and eyes.

##### For non-emergency personnel

Emergency procedures : Ventilate spillage area.

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### 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. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Avoid dust formation.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

7.1. Precautions for safe handling. 8. Exposure controls/personal protection. For further information refer to 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 dust formation. Wear personal protective equipment.  
Hygiene measures : 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 : Store in a well-ventilated place. Keep cool. Store under dry conditions.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Wear suitable protective clothing.

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



#### Eye and face protection

##### Eye protection:

Safety glasses with side shields. In case of dust production: protective goggles. Wear eye protection

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

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### Hand protection

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
In case of repeated or prolonged contact wear gloves	Butyl rubber, Nitrile rubber (NBR)				

### Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. If dust are formed :

### Respiratory protection

Device	Filter type	Condition	Standard
Dust mask	Type P2	Short term exposure, Dust protection	

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Colour	: White. Yellow. Grey.
Appearance	: Crystalline solid. Powder.
Molecular mass	: 136.14 g/mol
Odour	: Odourless.
Odour threshold	: Not available
Melting point	: 1450 °C
Freezing point	: Not available
Boiling point	: Not applicable (melting point > 300 °C)
Flammability	: Not available
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable (solid)
Auto-ignition temperature	: Not applicable
Decomposition temperature	: > 1450 °C
pH	: 6 – 7.6 (20 %)
pH solution	: Not available
Viscosity, kinematic	: Not applicable (solid)
Viscosity, dynamic	: Not applicable (solid)
Solubility	: Poorly soluble in water. Substance sinks in water. Soluble in glycerol. Soluble in acids. Water: 0.24 g/100ml (OECD 105: Water Solubility)
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not applicable (solid)
Vapour pressure at 50°C	: Not available
Density	: 2960 kg/m <sup>3</sup> (20 °C)
Relative density	: 2.96 (20 °C)
Relative vapour density at 20°C	: Not applicable (solid)
Particle size	: Not available

### 9.2. Other information

#### Other safety characteristics

VOC content	: Not applicable (inorganic)
Other properties	: Hygroscopic, Neutral reaction

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### 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)

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

##### Stucco plaster (10034-76-1)

LD50 oral rat > 2000 mg/kg bodyweight (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))

LC50 Inhalation - Rat > 2.61 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Converted value, Inhalation (dust), 14 day(s))

##### calcium sulfate, dihydrate (10101-41-4)

LD50 oral rat > 2000 mg/kg bodyweight (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral)

LC50 Inhalation - Rat > 3.26 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (dust))

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 6 – 7.6 (20 %)

##### calcium sulfate, dihydrate (10101-41-4)

pH 7 (5.0 %)

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 6 – 7.6 (20 %)

##### calcium sulfate, dihydrate (10101-41-4)

pH 7 (5.0 %)

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)

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)

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)

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### Stucco plaster (10034-76-1)

Viscosity, kinematic	Not applicable (solid)
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### 11.2. Information on other hazards

#### Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is 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

#### Other information

Potential adverse human health effects and symptoms : Not irritant to skin, Not irritant to eyes

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.

Ecology - air : Not included in the list of substances which may contribute to the greenhouse effect (IPCC). Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014). Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009).

Ecology - water : Acute toxicity crustacea (Daphnia): insufficient data available. Not harmful to fishes. No inhibition of activated sludge.

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)

### Stucco plaster (10034-76-1)

LC50 - Fish [1]	2980 mg/l (96 h, Lepomis macrochirus, Literature study)
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### calcium sulfate, dihydrate (10101-41-4)

LC50 - Fish [1]	2980 mg/l (96 h, Lepomis macrochirus, Anhydrous form)
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### 12.2. Persistence and degradability

#### Stucco plaster (10034-76-1)

Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

#### calcium sulfate, dihydrate (10101-41-4)

Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

### 12.3. Bioaccumulative potential

#### Stucco plaster (10034-76-1)

Bioaccumulative potential	No bioaccumulation data available.
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### calcium sulfate, dihydrate (10101-41-4)

Bioaccumulative potential	No bioaccumulation data available.
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### 12.4. Mobility in soil

#### Stucco plaster (10034-76-1)

Surface tension	No data available in the literature
Ecology - soil	No (test)data on mobility of the substance available.

### 12.5. Results of PBT and vPvB assessment

#### Stucco plaster (10034-76-1)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is 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.

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Do not dispose of the packaging without first carrying out the necessary cleaning.
Additional information	: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Waste Codes are only suggestions.
European List of Waste (LoW, EC 2000/532)	: 17 08 02 - gypsum-based construction materials other than those mentioned in 17 08 01

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

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### 14.6. Special precautions for user

**Overland transport**

Not applicable

**Transport by sea**

Not applicable

**Air transport**

Not applicable

**Inland waterway transport**

Not applicable

**Rail transport**

Not applicable

### 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)**

Not listed on REACH Annex XVII

**REACH Annex XIV (Authorisation List)**

Not listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Not listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Not listed on the PIC list (Regulation EU 649/2012)

**POP Regulation (Persistent Organic Pollutants)**

Not listed on the POP list (Regulation EU 2019/1021)

**Ozone Regulation (1005/2009)**

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

**Dual-Use Regulation (428/2009)**

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

**VOC Directive (2004/42)**

VOC content : Not applicable (inorganic)

**Explosives Precursors Regulation (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 (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)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out



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### SECTION 16: Other information

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Indication of changes		
Section	Changed item	Comments
	Revision date	<b>Modified</b>
	Supersedes	<b>Modified</b>
	Issue date	<b>Modified</b>
	Adverse health effects caused by endocrine disrupting properties	<b>Added</b>
1.1	Name	<b>Modified</b>
1.2	Restrictions on use	<b>Added</b>
2.2	Precautionary statements (CLP)	<b>Removed</b>
12.2	Chemical oxygen demand (COD)	<b>Added</b>
12.4	Ecology - soil	<b>Added</b>
12.6	Adverse effects on the environment caused by endocrine disrupting properties	<b>Added</b>
13.1	Product/Packaging disposal recommendations	<b>Modified</b>
13.1	Additional information	<b>Added</b>
15.2	Chemical safety assessment	<b>Added</b>
16	Abbreviations and acronyms	<b>Added</b>
16	Other information	<b>Removed</b>

Abbreviations and acronyms:	
CAS-No.	Chemical Abstract Service number
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit
ATE	Acute Toxicity Estimate
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

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### Abbreviations and acronyms:

IOELV	Indicative Occupational Exposure Limit Value
LC50	Median lethal concentration
LD50	Median lethal dose
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
TRGS	Technical Rules for Hazardous Substances
ThOD	Theoretical oxygen demand (ThOD)
VOC	Volatile Organic Compounds
WGK	Water Hazard Class
vPvB	Very Persistent and Very Bioaccumulative

KNAUF SDS EU (REACH Annex II)