



# Safety Data Sheet

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

Version: 1

Language: EN

Revision date: 18.11.2013

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Lime Wall Finish -smooth-** (Kalkglätte)

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

**Identified uses of the substance or mixture:** Wall plaster, for interior use

**Not recommended uses of the substance or mixture:** Other

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

#### Manufacturer / Supplier

KREIDEZEIT Naturfarben GmbH

Cassemuehle 3  
D 31196 Sehlem

**Telephone:** +49 (0) 506 0 608 06 50

**Fax:** +49 (0) 506 0 608 06 80

#### Information contact

KREIDEZEIT Naturfarben GmbH

**Information Telephone:** +49 (0) 506 0 608 06 50

**Information fax:** +49 (0) 506 0 608 06 80

**E-mail (competent person):** info@kreidezeit.de

**Website:** www.kreidezeit.de

### 1.4 Emergency telephone number

Giftinformationszentrum-Nord der Länder Bremen, Hamburg, Niedersachsen und Schleswig-Holstein (GIZ-Nord) **Telephone:** +49 (0) 551 19 240

### 1.5 Dept. responsible for information

KREIDEZEIT Naturfarben GmbH

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008:  
Eye Dam. 1; H318, Skin Irrit. 2; H315, STOT SE 3; H335

Directive 67/548/EEC:  
Xi; R37, Xi; R38, Xi; R41

### 2.2 Label elements

#### 2.2.1 Labelling according to Regulation (EC) No 1272/2008

**Hazard pictograms:**



**Signal word:** GHS05, GHS07  
Danger

<b>H phrases:</b>	315	Causes skin irritation.
	318	Causes serious eye damage..
	335	May cause respiratory irritation.
<b>P phrases:</b>	261	Avoid breathing dust/fume/gas/mist/vapours/spray.
	264	Wash with water and soap thoroughly after handling.
	271	Use only outdoors or in a well-ventilated area.
	280	Wear protective gloves/protective clothing/eye protection/face protection.
	302+352	IF ON SKIN: Wash with plenty of soap and water.
	304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	310	Immediately call a POISON CENTER or doctor/physician.
	312	Call a POISON CENTER or doctor/physician if you feel unwell.
	321	Specific treatment (see information on this label).
	332+313	If skin irritation occurs: Get medical advice/attention.
	362	Take off contaminated clothing and wash before reuse.
	403+233	Store in a well-ventilated place. Keep container tightly closed.
405	Store locked up.	
501	Dispose of contents/container to waste disposal.	

## 2.2.2 Labelling according to Directive 67/548/EEC

Hazard symbols:



<b>R phrases:</b>	Xi	Irritant.
	37/38	Irritating to respiratory system and skin.
<b>S phrases:</b>	41	Risk of serious damage to eyes.
	8	Keep container dry.
	22	Do not breathe dust.
	24	Avoid contact with skin.
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	39	Wear eye/face protection.

## 2.3 Other hazards

See attached safety data sheets and/or usage instructions.

## 3. Composition/information on ingredients

### 3.1 Chemical characterization of the substance or mixture

Mixture of different minerals.

### 3.2 Composition of the substance or mixture

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:
Calcium hydroxide	215-137-3	1305-62-0			25 - 50 % (w/w)	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	Xi; R37/38 Xi; R41
Calcite	215-279-6	1317-65-3			> 50 % (w/w)		

#### Ingredients with EC exposure limits

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:

(The wording of the listed risk phrases is given in Chapter 16)

### 3.3 Additional information

none

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## 4. First aid measures

### 4.1 Description of first aid measures

**General information:** In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

**Following inhalation:** Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.

**After skin contact:** After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

**Following eye contact:** In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion:** Rinse mouth immediately and drink large quantities of water. Do not induce vomiting. No administration in cases of unconsciousness or cramps. Immediately get medical attention.

**Self-protection:** No special measures are necessary.

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

**Symptoms:** No symptoms known up to now.

**Nature of Hazard:** No risks worthy of mention.

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

**Emergency aid:** Let water be swallowed in little sips (dilution effect). Do not induce vomiting.

**Treatment:** First Aid, decontamination, treatment of symptoms.

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## 5. Fire fighting measures

### 5.1 General information

Extinguishing materials should be selected according to the surrounding area. The product itself is not combustible.

### 5.2 Extinguishing media

**Suitable:** Water fog. Carbon dioxide (CO<sub>2</sub>). Foam. Dry extinguishing powder.

**Unsuitable:** High power water jet.

### 5.3 Special hazards arising from the substance or mixture

none

### 5.4 Advice for fire fighters

#### Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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## 6. Accidental release measures

## 6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Guide people to safety.

## 6.2 Environmental precautions

Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

## 6.3 Methods and materials for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.

## 6.4 References to other sections

See protective measures under point 7 and 8.

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## 7. Handling and storage

### 7.1 Precautions for safe handling

#### Information for safe handling

Avoid contact with skin and eyes. Avoid generation of dust. Do not breathe dust.

#### Technical measures

No special technical protective measures are necessary.

#### Precautions against fire and explosion

No special fire protection measures are necessary.

#### Additional information

none

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

#### Technical measures and storage conditions

No special technical protective measures are necessary.

#### Packaging materials

Keep/Store only in original container.

#### Requirements for storerooms and containers

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

#### Information about storing together in storage facility

Keep away from food, drink and animal feedingstuffs.

#### Further information concerning storage conditions

none

**Storage class:** 13 Non-combustible solids.

### 7.3 Specific end use(s)

Observe instructions for use.

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## 8. Exposure controls / personal protection

### 8.1 Control parameters

#### 8.1.1 Limits for occupational exposure

**Exposure limit values**

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:

**EC exposure limit values**

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:

**8.1.2 DNEL and PNEC values****DNEL-values**

Substance:	CAS-No.:	DNEL/DMEL	Industry	Professional	consumer

**PNEC-values**

Substance:	CAS-No.:	PNEC	Worker, industry	Worker, professional	consumer

**8.1.3 Control-Banding****Control-Banding**

none

**8.1.4 Additional information**

none

**8.2 Exposure controls****Occupational exposure controls**

Provide for sufficient ventilation and punctiform suction at critical points. Technical measures and the application of adequate working methods take priority over the use of personal protection equipment.

**Chemical handling**

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Apply skin care products after work. Wash contaminated clothing prior to re-use.

**Personal protection equipment**

Only wear fitting, comfortable and clean protective clothing.

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

**Hand protection**

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374

**Eye protection**

Tightly sealed safety glasses.

**Skin protection**

Skin protection: not required.

**Environmental exposure controls**

refer to chapter 7. No further action is necessary.

**Consumer exposure controls**

refer to chapter 7. No further action is necessary.

**8.3 Exposure scenario**

none

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

State of matter:	solid: Powder
Colour:	white
Odour:	characteristic
Odour threshold:	No data available

#### Safety relevant basis data

	Parameter	Value	Unit	Remark
Density:				No data available
Package density:				No data available
pH:				No data available
Melting point / range:				No data available
Boiling temperature / range:				No data available
Flash point:				none
Flammability:				not applicable
Lower flammability limit:				not applicable
Upper flammability limit:				not applicable
Explosion hazard:				not explosive.
Lower explosion limit:				not applicable
Upper explosion limit:				not applicable
Ignition temperature:				none
Decomposition temperature:				No data available
Oxidizing characteristics:				Not oxidizing.
Vapour pressure:				not applicable
Relative vapour density:				not applicable
Speed of vaporization/evaporation rate:				not applicable
Solubility in water:				No data available
Fat solubility:				insoluble
Solubility in log P O/W (n-octanol / water):	:			not applicable
Viscosity:				No data available
Solvent separation test:				not applicable
Solvent content:				not applicable

### 9.2 Other information

none

## 10. Stability and reactivity

### 10.1 Reactivity

none

### 10.2 Chemical stability

With proper storage and handling the product is stable.

### 10.3 Possibility of hazardous reactions

Violent reaction with: Acid.

### 10.4 Conditions to avoid

moisture. heat.

### 10.5 Incompatible materials

Acid.

## 10.6 Hazardous decomposition products

none

## 10.7 Additional information

none

## 11. Toxicological information

### 11.1 Information on toxicological effects

There are no data available on the mixture itself.

#### Acute toxicity

Substance:	CAS-No.:	Toxicological information
Calcium hydroxide	1305-62-0	Acute toxicity, oral LD50: 7340 mg/kg (Rat.)

#### Specific symptoms in laboratory animals

none

### 11.2 Irritation and etching

#### Irritant effect on the skin

mild irritant.

#### Irritant effect on the eye

irritant.

#### Irritant effect on the respiratory tract

irritant.

#### Etching

Only the wet product is caustic.

### 11.3 Sensitization

no danger of sensitization.

### 11.4 Repeated dose toxicity

No information available.

### 11.5 CMR effects

#### Carcinogenicity

No indications of human carcinogenicity exist.

#### Mutagenicity

No indications of human germ cell mutagenicity exist.

#### Reproductive toxicity

No indications of human reproductive toxicity exist.

### 11.6 General remarks

There are no data available on the preparation/mixture itself.

#### Practical experience

No information available.

#### Other observations

none

#### Additional information

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none

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## 12. Ecological information

### 12.1 Toxicity

There are no data available on the mixture itself.

#### Eco toxicity

Substance:	CAS-No.:	Ecotoxicity
Calcium hydroxide	1305-62-0	Acute fish toxicity LC50: 195 mg/l/96 h (African sharptooth catfish. [Clarias gariepinus.]

### 12.2 Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

### 12.3 Bio accumulative potential

No indication of bio-accumulation potential.

### 12.4 Mobility in soil

If product enters soil, it will be mobile and may contaminate groundwater

### 12.5 Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

### 12.6 Other adverse effects

none

### 12.7 Further ecological information

none

### 12.8 Further details

none

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## 13. Disposal considerations

### 13.1 Waste treatment methods

#### Appropriate disposal/Product

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

#### Appropriate disposal/ packaging

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

#### Control report for waste code/ waste marking according to EAKV

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

**Waste key product:** 08 01 12 - waste paint and varnish other than those mentioned in 08 01 11

**Waste key packaging:** 15 01 06 - mixed packaging

#### Remark

Waste disposal according to official state regulations.



## 14. Transport information

### 14.1 Overland transport (ADR/RID)

Proper Shipping name

-

-

UN No.: -

Label: - Packing Group: - Classification code: -

Remark: Not a hazardous material with respect to these transportation regulations.

### 14.2 Transport by sea (IMDG)

Proper Shipping name

-

-

UN-No.: -

Label: - Packing Group: -

EmS-No: - MFAG: - Marine pollutant: -

Special Provisions: Keep away from food, drink and animal feedingstuffs.

Remark: Not a hazardous material with respect to these transportation regulations.

### 14.3 Air transport (ICAO-TI / IATA-DGR)

Proper Shipping name

-

-

UN/ID-No.: -

Label: - Packing Group: -

Remark: Not a hazardous material with respect to these transportation regulations.

### 14.4 Mail

Not a hazardous material with respect to these transportation regulations.

## 15. Regulatory information

### 15.1 Labelling

Hazardous component(s) for labelling

Calcium hydroxide

Special labelling of particular preparations

Safety data sheet available for professional user on request.

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

EU-Regulations

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL)

none

Regulation (EC) No 2037/2000 on substances that deplete the ozone layer

none

Regulation (EC) No 850/2004 on persistent organic pollutants

none

Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals

none

**Regulation (EC) No 648/2004 (Detergents regulation)**

none

**Restrictions under Title VIII of Regulation (EC) No 1907/2006**

none

**National regulations**

Moreover, national legislation has to be observed!

**Informations on working limitations**

none

**Major Accidents Ordinance**

Not subject to StörfallVO.

**Storage class according to VCI**

13 Non-combustible solids.

**Water Hazard Class according to VwVwS**

1 weak water pollutant (WGK 1)

**Technical Instructions on Air Quality Control (TA-Luft)**

Not subject to TA-Luft.

**Further regulations, limitations and legal requirements**

none

**15.3 Chemical safety assessment****For this preparation a chemical safety assessment has been carried out:** -

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

**16. Other information****16.1 Wording of the H and R-phrases under paragraph 3****Regulation (EC) No 1272/2008**

- 315 Causes skin irritation.
- 318 Causes serious eye damage..
- 335 May cause respiratory irritation.

**Directive 67/548/EEC**

- 37/38 Irritating to respiratory system and skin.
- 41 Risk of serious damage to eyes.

**16.2 Training instructions**

none

**16.3 Recommended restrictions of use**

refer to chapter 1.

**16.4 Further remarks**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

### **16.5 Documentation of changes**

none

### **16.6 Data sources**

Data arise from reference works and literature.

### **16.7 Key and definition**

none

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