



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 Paint -smooth- (Sumpfkalkfarbe)

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

Identified uses of the substance or mixture: Wall paint

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

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

Website: www.kreidezeit.de

1.4 Emergency telephone number

Giftinformationszentrum-Nord der Länder Bremen, Telephone: +49 (0) 228 19 240 bzw.
+49 (0) 228 287 332 11

Hamburg, Niedersachsen und Schleswig-Holstein (GIZ-Nord)

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:

Skin Irrit. 2; H315, Eye Dam. 1; H318

Directive 67/548/EEC:

Xi; R41

2.2 Label elements

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

Hazard pictograms:



GHS05

Signal word:	Danger
H phrases:	315 Causes skin irritation. 318 Causes serious eye damage..
P phrases:	264 Wash .? thoroughly after handling. 280 Wear protective gloves/protective clothing/eye protection/face protection. 302+352 IF ON SKIN: Wash with plenty of water/.?. 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/doctor/.?. 321 Specific treatment (see .? on this label). 332+313 If skin irritation occurs: Get medical advice/attention. 362 Take off contaminated clothing.

2.2.2 Labelling according to Directive 67/548/EEC

Hazard symbols:



R phrases:	Xi Irritant. 41 Risk of serious damage to eyes.
S phrases:	26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 28 After contact with skin, wash immediately with plenty of .?. 37/39 Wear suitable gloves and eye/face protection.

2.3 Other hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

3. Composition/information on ingredients

3.1 Chemical characterization of the substance or mixture

Powdered mineral mixtures.

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			< 20 wt-%	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	Xi; R37/38 Xi; R41

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

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. In case of irregular

	breathing or respiratory arrest provide artificial respiration. Immediately get medical attention.
After skin contact:	Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Immediately get medical attention.
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. No administration in cases of unconsciousness or cramps. Do not induce vomiting. 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:	Causes serious eye irritation. Causes skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Emergency aid:	No special measures are necessary.
Treatment:	Treat symptomatically.

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. High power water jet. Carbon dioxide (CO ₂). Foam. Dry extinguishing powder.
Unsuitable:	none

5.3 Special hazards arising from the substance or mixture

Can be released in case of fire:

5.4 Advice for fire fighters

Special protective equipment for fire-fighters

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

Additional information

none

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures are necessary.

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. Treat the assimilated material according to the section on waste disposal.

6.4 References to other sections

See protective measures under point 7 and 8.

7. Handling and storage

7.1 Precautions for safe handling

Information for safe handling

Avoid contact with skin and eyes.

Technical measures

Provide for sufficient ventilation and punctiform suction at critical points.

Precautions against fire and explosion

Usual measures for fire prevention.

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 container tightly closed.

Information about storing together in storage facility

Do not store together with: acid. Keep away from food, drink and animal feedingstuffs.

Further information concerning storage conditions

none

Storage class: 12 non-combustible liquids.

7.3 Specific end use(s)

Observe instructions for use.

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:
Calciumhydroxid	1305-62-0	GESTIS International Limit Values	LT: 2 mg/m ³ (AT (E)); 3 mg/m ³ (SE); 5 mg/m ³ (AU, BE, CA, DK, EU, FR, HU, NZ, SG, CH (E), USA, UK).	ST: 4 mg/m ³ (AT (E)); 6 mg/m ³ (SE); 10 mg/m ³ (DK)	

8.1.2 DNEL and PNEC values

DNEL-values

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

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

Control-Banding

none

8.1.4 Additional information

E: Inhalable fraction

8.2 Exposure controls

Occupational exposure controls

none

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

Respiratory protection required in case of: Formation of aerosol. gas filtering equipment (EN 141).

Hand protection

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374 Suitable material: NBR (Nitrile rubber). CR (polychloroprenes, Chloroprene rubber). Butyl rubber. FKM (fluororubber). PVC (Polyvinyl chloride).

Eye protection

Tightly sealed safety glasses.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Only wear fitting, comfortable and clean protective clothing. Barrier creams are not substitutes for body protection.

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: liquid
Colour: white
Odour: No data available
Odour threshold: none

Safety relevant basis data

Parameter	Value	Unit	Remark
Density:			No data available
Package density:			No data available
pH:			not applicable
Melting point / range:			No data available
Boiling temperature / range:			No data available
Flash point:			not applicable
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:			not applicable
Decomposition temperature:			not applicable
Oxidizing characteristics:			not applicable
Vapour pressure:			not applicable
Relative vapour density:			not applicable
Speed of vaporization/evaporation rate:			not applicable
Solubility in water:			insoluble
Fat solubility:			insoluble
Solubility in Hydrogen fluoride.	:		easily soluble.
log P O/W (n-octanol / water):			not applicable
Viscosity:			not applicable
Solvent separation test:			not applicable
Solvent content:			not applicable

9.2 Other information

There are no data available on the mixture itself.

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

none

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Can be released in case of fire:

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
Calciumhydroxid	1305-62-0	Acute Toxicity, LD50 (oral): 7340 mg/kg (Rat)

Specific symptoms in laboratory animals

none

11.2 Irritation and etching

Irritant effect on the skin

irritant.

Irritant effect on the eye

strong irritant.

Irritant effect on the respiratory tract

mild irritant.

Etching

not corrosive

11.3 Sensitization

May cause an allergic skin reaction.

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

none

Practical experience

No information available.

Other observations

none

Additional information

none

12. Ecological information

12.1 Toxicity

There are no data available on the mixture itself.

Eco toxicity

Substance:	CAS-No.:	Ecotoxicity
Calciumhydroxid	1305-62-0	Acute fish toxicity, LC50 (96h): 195 mg/l (median value)

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

none

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

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 10 - packaging containing residues of or contaminated by dangerous substances

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

12 non-combustible liquids.

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:** -

For this substance a chemical safety assessment is not required.

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

373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Directive 67/548/EEC

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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
