



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

Paint Stripper Paste (Abbeizpaste)

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

Identified uses of the substance or mixture: Etchant and acids

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:
Skin Corr. 1B; H314

Directive 67/548/EEC:
C; R35

2.2 Label elements

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

Hazard pictograms:



Signal word: GHS05
Danger

H phrases:	314	Causes severe skin burns and eye damage.
P phrases:	102	Keep out of reach of children.
	260	Do not breathe dust/fume/gas/mist/vapours/spray.
	264	Wash with water and soap thoroughly after handling.
	270	Do not eat, drink or smoke when using this product.
	280	Wear protective gloves/protective clothing/eye protection/face protection.
	301+330+331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
	303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	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.
	321	Specific treatment (see information on this label).
	363	Wash contaminated clothing before reuse.
	405	Store locked up.
	501	Dispose of contents/container to waste disposal.

2.2.2 Labelling according to Directive 67/548/EEC

Hazard symbols:



R phrases:	C	Corrosive.
S phrases:	35	Causes severe burns.
	1/2	Keep locked up and out of the reach of children.
	13	Keep away from food, drink and animal feedingstuffs.
	20/21	When using do not eat, drink or smoke.
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	45	In case of accident or if you feel unwell, seek medical advice immediately (show this label if possible).

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

Aqueous paste with the following hazardous materials and nonhazardous additions.

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
Potassium hydroxide	215-181-3	1310-58-3	019-002-00-8		5 - 10 % (w/w)	Acute Tox. 4; H302 Skin Corr. 1B; H314	Xn; R22 C; R35

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). Take off immediately all contaminated clothing.
- Following inhalation:** Move victim to fresh air. Put victim at rest and keep warm. Immediately get medical attention.
- After skin contact:** 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:** First aid assistant: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms:** Nausea. Belly-ache.
- Nature of Hazard:** Causes severe skin burns and eye damage. Danger of severe chemical burns that lead to perforation of oesophagus and stomach.

4.3 Indication of any immediate medical attention and special treatment needed

- Emergency aid:** Let water be swallowed in little sips (dilution effect).
- 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. Use water spray/stream to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

5.2 Extinguishing media

- Suitable:** Water fog. Carbon dioxide (CO₂). Foam. Dry extinguishing powder.
- Unsuitable:** High power water jet.

5.3 Special hazards arising from the substance or mixture

Fire fighting water forms corrosive alkaline solutions - slip hazard! Can be released in case of fire: Pyrolysis products, toxic.

5.4 Advice for fire fighters

Special protective equipment for fire-fighters

Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information

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

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Guide people to safety. High slip hazard because of leaking or spilled product.

6.2 Environmental precautions

Prevent spreading over great surfaces (e.g. by damming or installing oil booms). 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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Avoid generation of dust. Clear contaminated area thoroughly.

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

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 container tightly closed and in a well-ventilated place.

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

Protect against: frost.

Storage class: 8 B Non-combustible corrosive substances.

7.3 Specific end use(s)

Observe technical data sheet.

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

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2 Exposure controls

Occupational exposure controls

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

Respiratory protection required in case of: Formation of aerosol. Suitable respiratory protective equipment: Combination filter device (DIN EN 141)..

Hand protection

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374 Suitable material: CR (polychloroprenes, Chloroprene rubber). Butyl rubber. 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:	Paste
Colour:	whitish
Odour:	pungent
Odour threshold:	No data available

Safety relevant basis data

	Parameter	Value	Unit	Remark
Density:		~ 1	g/cm ³	No data available
Package density:				not applicable
pH:		> 11,5		
Melting point / range:		< 0	°C	
Boiling temperature / range:		> 100	°C	
Flash point:				none/none
Flammability:				none/none
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/none
Decomposition temperature:				No data available
Oxidizing characteristics:				Not oxidizing.
Vapour pressure:				No data available
Relative vapour density:				No data available
Speed of vaporization/evaporation rate:				No data available
Solubility in water:				partially soluble
Fat solubility:				partially soluble
Solubility in log P O/W (n-octanol / water):	:			not applicable
Viscosity:				No data available
Solvent separation test:				No data available
Solvent content:		0	% by weight	No data available

9.2 Other information

none

10. Stability and reactivity

10.1 Reactivity

Exothermic reactions with: Acid.

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

heat. frost.

10.5 Incompatible materials

Acid.

10.6 Hazardous decomposition products

Can be released in case of fire: Pyrolysis products, toxic.

10.7 Additional information

none

11. Toxicological information

11.1 Information on toxicological effects

Data apply to the principal component.

Acute toxicity

Substance:	CAS-No.:	Toxicological information
Calcium hydroxide	1305-62-0	Acute toxicity, oral LD50: 7340 mg/kg (Rat.)
Potassium hydroxide	1310-58-3	Acute toxicity, oral LD50: 273 mg/kg (Rat.)

Specific symptoms in laboratory animals

none

11.2 Irritation and etching

Irritant effect on the skin

strong irritant.

Irritant effect on the eye

strong irritant.

Irritant effect on the respiratory tract

mild irritant.

Etching

corrosive.

11.3 Sensitization

no danger of sensitization.

11.4 Repeated dose toxicity

none

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

none

Other observations

none

Additional information

none

12. Ecological information

12.1 Toxicity

Ecological information refers to main component.

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. The organic part of the product is biodegradable.

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

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: 11 01 07 - pickling bases

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**

PAINT, CORROSIVE
POTASSIUM HYDROXIDE

UN No.: 3066

Label: 8

Packing Group: II

Classification code: C9

Remark: Special provisions: 163
Limited quantity (LQ): 22/23
Tunnel restriction code: 2(E)

14.2 Transport by sea (IMDG)**Proper Shipping name**

PAINT, CORROSIVE
POTASSIUM HYDROXIDE

UN-No.: 3066

Label: 8

Packing Group: II

Marine pollutant: YES (P)

EmS-No: F-A, S-B

MFAG: -

Special Provisions: Materials to avoid: acid. Keep away from food, drink and animal feeding stuffs.

Remark: Special provisions: 163
Limited quantity (LQ): 22/23

14.3 Air transport (ICAO-TI / IATA-DGR)**Proper Shipping name**

PAINT, CORROSIVE
POTASSIUM HYDROXIDE

UN/ID-No.: 3066

Label: 8

Packing Group: II

Remark: Limited quantity (LQ): 22/23

14.4 Mail

Overland transport (ADR/RID)

15. Regulatory information**15.1 Labelling****Hazardous component(s) for labelling**

Potassium 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)**

Volatile organic compounds (VOC) in percentage by weight: 0

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)

Contains: soft soap

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

Potassium hydroxide: 2000 kg

Storage class according to VCI

8 B Non-combustible corrosive substances.

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**

302 Harmful if swallowed.

314 Causes severe skin burns and eye damage.

315 Causes skin irritation.

318 Causes serious eye damage..

335 May cause respiratory irritation.

Directive 67/548/EEC

22 Harmful if swallowed.
35 Causes severe burns.
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
