



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

Coniferous Wood Leach (Nadelholzlauge)

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

Identified uses of the substance or mixture: Washing and cleaning products (including solvent based products) The product is intended for private 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

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Information contact

KREIDEZEIT Naturfarben GmbH

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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, 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; R34

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:	260	Do not breathe dust/fume/gas/mist/vapours/spray.
	264	Wash with water and soap thoroughly after handling.
	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:	34	Causes burns.
	1/2	Keep locked up and out of the reach of children.
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	37/39	Wear suitable 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

Liquid detergent with the following hazardous substances:

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:
Sodium hydroxide	215-185-5	1310-73-2	011-002-00-6		1 - 10 % (w/w)	Skin Corr. 1B; H314	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

Product is: corrosive.

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. In case of irregular breathing or respiratory arrest provide artificial respiration. Position and transport victim on their side. In case of respiratory distress, bring into semi-upright, seated position. 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:** 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 skin irritation. Causes serious eye irritation. 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:** Rinse immediately carefully and thoroughly with eye-bath or water. Let water be swallowed in little sips (dilution effect).
- Treatment:** First Aid, decontamination, treatment of symptoms.

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. alcohol resistant foam. Dry extinguishing powder. Carbon dioxide (CO₂).
- Unsuitable:** Water fog. High power water jet. Water.

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. Wear 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. Provide adequate ventilation. Keep away

from unprotected people. Keep upwind.

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

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. Do not breathe gas/fumes/vapour/spray.

Technical measures

Provide for sufficient ventilation and punctiform suction at critical points.

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

Ensure adequate ventilation of the storage area.

Packaging materials

Keep/Store only in original container. Keep container tightly closed.

Requirements for storerooms and containers

Keep in a cool, 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

none

Storage class: 8 B Non-combustible corrosive substances.

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:

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

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. Eye-shade.

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:	colourless
Odour:	pungent
Odour threshold:	No data available

Safety relevant basis data

	Parameter	Value	Unit	Remark
Density:				No data available
Package density:				not applicable
pH:				No data available
Melting point / range:				No data available
Boiling temperature / range:				No data available
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:				No data available
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:				highly soluble.
Fat solubility:				No data available
Solubility in log P O/W (n-octanol / water):	:			not applicable
Viscosity:				No data available
Solvent separation test:				No data available
Solvent content:				No data available

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

none

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
Sodium hydroxide	1310-73-2	Acute toxicity, oral LD50: 325 mg/kg bw (Rabbit.)

Specific symptoms in laboratory animals

No information available.

11.2 Irritation and etching

Irritant effect on the skin

corrosive.

Irritant effect on the eye

corrosive.

Irritant effect on the respiratory tract

strong irritant.

Etching

Causes severe skin burns and eye damage.

11.3 Sensitization

No information available.

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

There are no data available on the mixture itself.

Eco toxicity

Substance:	CAS-No.:	Ecotoxicity
Sodium hydroxide	1310-73-2	Acute fish toxicity, LC50: 145 mg/l/24 h (Poecilia reticulata) Acute invertebrates toxicity, EC50: 40,4 mg/l/48 h (Ceriodaphnia sp.)

12.2 Persistence and degradability

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

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

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: 20 01 29 - detergents containing dangerous substances

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**

Sodium hydroxide, aqueous solution, conc. <= 10 %

UN No.: 1824

Label: 8

Packing Group: III

Classification code: C5

Remark: Special provisions: -
Limited quantity (LQ): 5 L/E1
Tunnel restriction code: 3(E)

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

Sodium hydroxide, aqueous solution, conc. <= 10 %

UN-No.: 1824

Label: 8

Packing Group: III

EmS-No: F-A, S-B

MFAG: -

Marine pollutant: NO

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

Remark: Special provisions: -
Limited quantity (LQ): 5 L/E1

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

Sodium hydroxide, aqueous solution, conc. <= 10 %

UN/ID-No.: 1824

Label: 8

Packing Group: III

Remark: Limited quantity (LQ): 5 L/E1

14.4 Mail

Overland transport (ADR/RID)

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

Sodium 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

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**

314 Causes severe skin burns and eye damage.

Directive 67/548/EEC

35 Causes severe burns.

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
