



# 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

# Hardoil -pure solid-

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

**Identified uses of the substance or mixture:** Polishing agent and wax blends

**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

KREIDEZEIT Naturfarben GmbH  
(only during opening times)

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

### 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: -

Directive 67/548/EEC: -

### 2.2 Label elements

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

**Hazard pictograms:**

-  
**Signal word:** -

**H phrases:** -

**P phrases:** -

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

**Hazard symbols:**

-

**R phrases:**

-

**S phrases:**

-

**2.3 Other hazards**

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS]. The preparation is not dangerous in the sense of Directive 1999/45/EC.

**3. Composition/information on ingredients****3.1 Chemical characterization of the substance or mixture**

Mixture of oils and waxes.

**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:
Linseed oil	232-278-6	8001-26-1			40 - 60 % (w/w)		
Linseed oil, oxydated	272-038-8	68649-95-6		01-2119484875-20-0000	20 - 40 % (w/w)		
Resins, of polymerized glycerol ester	232-479-9	68475-37-6			< 20 % (w/w)		
Tung oil	232-272-3	8001-20-5			< 5 % (w/w)		
Solvent naphtha (petroleum), medium aliphatic	265-150-3	64742-88-7	649-405-00-X	01-2119537181-47-0000	< 5 % (w/w)	Asp. Tox. 1; H304	Xn; R65

**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. 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 thoroughly with water. Do not induce vomiting. No administration in cases of unconsciousness or cramps. 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:** 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).  
**Treatment:** First Aid, decontamination, treatment of symptoms.

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## 5. Fire fighting measures

### 5.1 General information

Use water spray/stream to protect personnel and to cool endangered containers.

### 5.2 Extinguishing media

**Suitable:** Water fog. alcohol resistant foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>).  
**Unsuitable:** High power water jet.

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

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

### 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. Provide adequate ventilation. High slip hazard because of leaking or spilled product.

### 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. Wash with generous amount of water.

### 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 eyes.

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**Technical measures**

No special technical protective measures are necessary.

**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**

Ensure adequate ventilation of the storage area.

**Packaging materials**

Keep/Store only in original container.

**Requirements for storerooms and containers**

Keep container tightly closed in a cool, well-ventilated place.

**Information about storing together in storage facility**

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

**Further information concerning storage conditions**

Protect against: heat.

**Storage class:** 10 Combustible liquids unless LGK 3A or 3B.

**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

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

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 Suitable material: NBR (Nitrile rubber). PVC (Polyvinyl chloride).

### 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:	Paste
Colour:	No data available
Odour:	No data available
Odour threshold:	No data available

#### Safety relevant basis data

	Parameter	Value	Unit	Remark
Density:				No data available
Package density:				not applicable
pH:				not applicable
Melting point / range:				No data available
Boiling temperature / range:				No data available
Flash point:				No data available
Flammability:				No data available
Lower flammability limit:				not applicable
Upper flammability limit:				not applicable
Explosion hazard:				not explosive.
Lower explosion limit:				not applicable

<b>Upper explosion limit:</b>	not applicable
<b>Ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Oxidizing characteristics:</b>	Not oxidizing.
<b>Vapour pressure:</b>	No data available
<b>Relative vapour density:</b>	No data available
<b>Speed of vaporization/evaporation rate:</b>	No data available
<b>Solubility in water:</b>	No data available
<b>Fat solubility:</b>	No data available
<b>Solubility in</b> :	not applicable
<b>log P O/W (n-octanol / water):</b>	No data available
<b>Viscosity:</b>	No data available
<b>Solvent separation test:</b>	No data available
<b>Solvent content:</b>	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

none

### 10.4 Conditions to avoid

heat.

### 10.5 Incompatible materials

Oxidizing agents.

### 10.6 Hazardous decomposition products

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

### 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

#### Specific symptoms in laboratory animals

No information available.

## 11.2 Irritation and etching

### Irritant effect on the skin

Not an irritant.

### Irritant effect on the eye

mild irritant.

### Irritant effect on the respiratory tract

Not an irritant.

### Etching

not corrosive

## 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

none

### Other observations

none

### Additional information

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

### 12.2 Persistence and degradability

Product is biodegradable.

### 12.3 Bio accumulative potential

No indication of bio-accumulation potential.

### 12.4 Mobility in soil

No information available.

### 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 26 - oil and fat other than those mentioned in 20 01 25

**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: NO

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**

-

**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**  
10 Combustible liquids unless LGK 3A or 3B.

**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.

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## 16. Other information

### 16.1 Wording of the H and R-phrases under paragraph 3

#### Regulation (EC) No 1272/2008

304 May be fatal if swallowed and enters airways.

#### Directive 67/548/EEC

65 Harmful: may cause lung damage if swallowed.

### 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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