

Safety Data Sheet

according to Regulation (EC) No.
1907/2006/Article 31 (REACH)

STALOC Schmiermetall Kupferpaste 1 kg

Version: 1 Language: EN
Product No.:

Revision date: 21.03.2013

Print date: 21/03/2013
Specification No.:

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

1.1 Product identifier

STALOC Schmiermetall Kupferpaste 1 kg

CAS number: -
EC number (EINECS/ELINCS): -
EC index number: -
REACH registration number: -

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

Identified uses of the substance or mixture: Lubricants, greases, release products
Not recommended uses of the substance or mixture: -

1.3 Details of the supplier of the safety data sheet

Manufacturer

STALOC
Flachenuergutstraße 8

Telephone: +43 (0)732 221877

Fax: +43 (0)732 222489

A 4020 Linz

Supplier

STANKOVSKY Handels-GmbH
Flachenuergutstraße 8

Telephone: +43 (0)732 221877

Fax: +43 (0)732 222489

A 4020 Linz

Information contact

STANKOVSKY Handels-GmbH

Information Telephone: +43 (0)732 221877

Information fax: +43 (0)732 222489

E-mail (competent person): office@staloc.com

Website: <http://www.staloc.com>

National contact

STANKOVSKY Handels-GmbH

Information Telephone: +43 (0)732 221877

Information fax: +43 (0)732 222489

E-mail (competent person): office@staloc.com

Website: <http://www.staloc.com>

1.4 Emergency telephone number

Giftinformationszentrale Wien
24 h/d - 7 d/w

Telephone: +43 (0) 1 4064343

1.5 Dept. responsible for information

Abteilung Produktsicherheit

2. Hazards identification

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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

-

3. Composition/information on ingredients

3.1 Chemical characterization of the substance or mixture

Preparation related information

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:
copper		7440-50-8			5-15%		
calciumhydroxid	215-137-3	1305-62-0			<3%	Eye Dam. 1; H318	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:
copper		7440-50-8			5-15%		
calciumhydroxid	215-137-3	1305-62-0			<3%	Eye Dam. 1; H318	Xi; R41

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

3.3 Additional information

Full text of R-phrases: see section 16.

4. First aid measures

4.1 Description of first aid measures

General information: Remove contaminated clothing immediately and dispose off safely.

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Following inhalation: Provide fresh air. In case of allergic symptoms especially in the breathing area, seek medical advice immediately.

After skin contact: After contact with skin, wash immediately with plenty of water and soap.

Following eye contact: If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion: Rinse mouth immediately and drink large quantities of water. Do not induce vomiting. In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

Self-protection: -

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: -

Nature of Hazard: -

4.3 Indication of any immediate medical attention and special treatment needed

Emergency aid: -

Treatment: -

5. Fire fighting measures**5.1 General information**

-

5.2 Extinguishing media

Suitable: Extinguishing materials should be selected according to the surrounding area.

Unsuitable: -

5.3 Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

5.4 Advice for fire fighters**Special protective equipment for fire-fighters**

In case of fire: Wear self-contained breathing apparatus. Do not inhale explosion and combustion gases.

Additional information

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

Waste disposal according to official state regulations.

6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

High slip hazard because of leaking or spilled product.

6.2 Environmental precautions

Do not empty into drains or the aquatic environment. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3 Methods and materials for containment and cleaning up

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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.

6.4 References to other sections

See protective measures under point 7 and 8. Do not use a brush or compressed air for cleaning surfaces or clothing.

7. Handling and storage

7.1 Precautions for safe handling

Information for safe handling

-

Technical measures

-

Precautions against fire and explosion

-

Additional information

-

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

-

Packaging materials

-

Requirements for storerooms and containers

-

Information about storing together in storage facility

-

Further information concerning storage conditions

-

Storage class:

7.3 Specific end use(s)

-

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:

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copper	7440-50-8				
calciumhydroxid	1305-62-0				

EC exposure limit values

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
copper	7440-50-8				
calciumhydroxid	1305-62-0				

8.1.2 DNEL and PNEC values

DNEL-values

Substance:	CAS-No.:	DNEL/DMEL	Industry	Professional	consumer
copper	7440-50-8	Ingestion short term (acute)			
		Ingestion Long Term (repeated)			
		Skin contact short term (acute)			
		Skin contact Long Term (repeated)			
		Inhalation short term (acute)			
		Inhalation Long Term (repeated)			
calciumhydroxid	1305-62-0	Ingestion short term (acute)			
		Ingestion Long Term (repeated)			
		Skin contact short term (acute)			
		Skin contact Long Term (repeated)			
		Inhalation short term (acute)			
		Inhalation Long Term (repeated)			

PNEC-values

Substance:	CAS-No.:	PNEC	Worker, industry	Worker, professional	consumer
copper	7440-50-8	PNEC water short term (single use)			
		PNEC water Long Term (continuous)			
		PNEC soil short term (single use)			
		PNEC soil Long Term (continuous)			
		PNEC air short term (single use)			
		PNEC air Long Term (continuous)			
calciumhydroxid	1305-62-0	PNEC water short term (single use)			
		PNEC water Long Term (continuous)			
		PNEC soil short term (single use)			
		PNEC soil Long Term (continuous)			
		PNEC air short term (single use)			
		PNEC air Long Term (continuous)			

8.1.3 Control-Banding

Control-Banding

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8.1.4 Additional information

-

8.2 Exposure controls

Occupational exposure controls

-

Chemical handling

Wash hands before breaks and at the end of work.

Personal protection equipment

-

Respiratory protection

-

Hand protection

-

Eye protection

Avoid contact with eyes.

Skin protection

-

Environmental exposure controls

-

Consumer exposure controls

-

8.3 Exposure scenario

-

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

State of matter:	Paste
Colour:	copper
Odour:	characteristic
Odour threshold:	not determined

Safety relevant basis data

	Parameter	Value	Unit	Remark
Density:		1,2	g/cm ³	
Package density:				No data available
pH:				No data available
Melting point / range:		>190°C		
Boiling temperature / range:		>316°C		

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Flash point:	>260°C	
Flammability:		No data available
Lower flammability limit:		No data available
Upper flammability limit:		No data available
Explosion hazard:		not explosive.
Lower explosion limit:		No data available
Upper explosion limit:		No data available
Ignition temperature:		No.
Decomposition temperature:		No data available
Oxidizing characteristics:		No data available
Vapour pressure:		No data available
Relative vapour density:		No data available
Speed of vaporization/evaporation rate:		No data available
Solubility in water:		No data available
Fat solubility:		No data available
Solubility in :		not miscible
log P O/W (n-octanol / water):		No data available
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

-

10.2 Chemical stability

-

10.3 Possibility of hazardous reactions

Violent reaction with: Oxidizing agents, strong.

10.4 Conditions to avoid

-

10.5 Incompatible materials

-

10.6 Hazardous decomposition products

-

10.7 Additional information

-

11. Toxicological information

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11.1 Information on toxicological effects

-

Acute toxicity

Substance:	CAS-No.:	Toxicological information
copper	7440-50-8	
calciumhydroxid	1305-62-0	

Specific symptoms in laboratory animals

-

11.2 Irritation and etching**Irritant effect on the skin**

Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye

ZZZZ

Irritant effect on the respiratory tract

ZZZZ

Etching

ZZZZ

11.3 Sensitization

none/none

11.4 Repeated dose toxicity

ZZZZ

11.5 CMR effects**Carcinogenicity**

ZZZZ

Mutagenicity

ZZZZ

Reproductive toxicity

ZZZZ

11.6 General remarks

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

Practical experience

ZZZZ

Other observations

ZZZZ

Additional information

ZZZZ

12. Ecological information**12.1 Toxicity**

-

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Eco toxicity

Substance:	CAS-No.:	Ecotoxicity
copper	7440-50-8	
calciumhydroxid	1305-62-0	

12.2 Persistence and degradability

-

12.3 Bio accumulative potential

-

12.4 Mobility in soil

-

12.5 Results of PBT and vPvB assessment

-

12.6 Other adverse effects

-

12.7 Further ecological information

Do not empty into drains or the aquatic environment.

12.8 Further details

-

13. Disposal considerations**13.1 Waste treatment methods**

Appropriate disposal/Product

-

Appropriate disposal/ packaging

-

Control report for waste code/ waste marking according to EAKV

-

Waste key product:

-

Waste key packaging:

-

Remark

Waste disposal according to official state regulations.

14. Transport information**14.1 Overland transport (ADR/RID)**

Proper Shipping name

Umweltgefährdender Stoff, flüssig, n.a.g., Flp. > 60 °C

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Product No.:

Specification No.:

UN No.: 3082

Label: 9

Packing Group:

Classification code:

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

14.2 Transport by sea (IMDG)

Proper Shipping name

Environmentally hazardous substance, liquid, n.o.s., fl.p. > 60 °C (copper)

UN-No.: 3082

Label: 9

Packing Group:

EmS-No: F-A,S-F

MFAG:

Marine pollutant: p

Special Provisions: -

Remark: -

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

Proper Shipping name

Environmentally hazardous substance, liquid, n.o.s., fl.p. > 60 °C

UN/ID-No.: 3082

Label: 9

Packing Group:

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

14.4 Mail

-

15. Regulatory information

15.1 Labelling

Hazardous component(s) for labelling

copper

Special labelling of particular preparations

According to EC directives or the corresponding national regulations the product does not have to be labelled.

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)

-

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

-

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

-

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

-

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

-

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

-

National regulations

Moreover, national legislation has to be observed!

Informations on working limitations

-

Major Accidents Ordinance

-

Storage class according to VCI**Water Hazard Class according to VwVwS**

2 water pollutant (WGK 2)

Technical Instructions on Air Quality Control (TA-Luft)

-

Further regulations, limitations and legal requirements

-

15.3 Chemical safety assessment

For this preparation a chemical safety assessment has been carried out:

-

16. Other information**16.1 Wording of the H and R-phrases under paragraph 3**

Regulation (EC) No 1272/2008

Directive 67/548/EEC

41 Risk of serious damage to eyes.

16.2 Training instructions

-

16.3 Recommended restrictions of use

-

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

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of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

16.5 Documentation of changes

-

16.6 Data sources

-

16.7 Key and definition

-

17. Appendix**17.1 Exposure scenario**

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