



! SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Name of product	Läppmittel, Siliciumcarbid
Name of substance	Siliciumcarbid (SiC)
EC No	206-991-8
REACH registration number	01-2119402892-42-xxxx
CAS No	409-21-2

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

Identified uses

Sector of uses [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites

Product categories [PC]

Polishing agent

Recommended intended purpose(s)

Cutting, grinding, polishing

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor	joke Technology GmbH Asselborner Weg 14-16, D-51249 Bergisch Gladbach Phone +49 (0) 22 04 - 839-0, Fax +49 (0) 22 04 - 839-60 E-Mail info@joke.de Internet www.joke.de
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Advice

Phone +49 (0) 22 04 - 839-0
E-mail (competent person):
info@joke.de

1.4. Emergency telephone number

Emergency advice	Vergiftungs-I-Z. Freiburg Phone Telefon: +49 (0)761 - 19240 REACH and CLP UK CA Help Desk; Telephone: +44 171 635 9191
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard statements for physical hazards

no

Hazard statements for health hazards

no

Hazard statements for environmental hazards

no

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



Hazard statements for physical hazards

no

Hazard statements for health hazards

no

Hazard statements for environmental hazards

no

2.3. Other hazards

Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

SECTION 3: Composition/ information on ingredients

3.1. Substances

CAS No 409-21-2

Siliciumcarbid (SiC)

EC No 206-991-8

REACH registration number 01-2119402892-42-xxxx

3.2. Mixtures

not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the event of persistent symptoms receive medical treatment.

In case of inhalation

Ensure of fresh air.

In case of skin contact

Consult a doctor if skin irritation persists.

In case of eye contact

Eye rinsing with water carefully while protecting unhurt eye.

Remove contact lenses, if possible

In case of ingestion

If swallowed seek medical advice immediately and show the doctor packing or label.

4.2. Most important symptoms and effects, both acute and delayed

Physician's information / possible symptoms

No information available.

Physician's information / possible dangers

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)

Treat symptoms.



SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

Foam

Dry fire-extinguishing substance

water mist

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.

Avoid dust formation.

Use personal protective clothing.

High risk of slipping due to leakage/spillage of product.

6.2. Environmental precautions

No data available

6.3. Methods and material for containment and cleaning up

Take up mechanically and send for disposal.

Additional Information

Informations for personal protective equipment see chapter 8.

6.4. Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas.

Hygiene measures

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Wash skin thoroughly and immediately after handling the product.

Keep away from food and drink.

Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

Avoid formation of dust.



7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.
Ventilate store-rooms thoroughly.

Advice on storage compatibility

Do not store together with animal feedstuffs.
Do not store together with food.

Further information on storage conditions

Keep container tightly closed, store at cool and aired place, open and handle carefully.
Protect from direct solar radiation.
Protect from heat/overheating.

Information on storage stability

not determined

Storage group No storage classification.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice

The national and local legal regulations are to be observed.

8.2. Exposure controls

Respiratory protection

If ventilation insufficient, wear respiratory protection.
In case of dust formation wear micro dust mask.

Hand protection

Protective gloves

Eye protection

safety goggles with side protection

Other protection measures

antistatic boots
protective clothing

Thermal hazards

No information available.

Limitation and surveillance of the environment

No data available

Appropriate engineering controls

ventilation system

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
powder

Colour
various, depending on coloration

Odour
odourless



Odour threshold

No data available

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	No data available				
Boiling temperature / boiling range	No data available				
Melting point / Freezing point	No data available				
Flash point	No data available				
Vapourisation rate	No data available				
Flammable (solid)	no				
Flammability (gas)	no				
Ignition temperature	No data available				
Self ignition temperature	No data available				
Lower explosion limit	No data available				
Upper explosion limit	No data available				
Vapour pressure	No data available				
Relative density	3,2 - 3,22 g/cm ³				
Bulk density	500 - 1900 kg/m ³				
Vapour density	No data available				
Solubility in water					insoluble
Solubility/other	No data available				
Partition coefficient n-octanol/water (log P O/W)	No data available				



	Value	Temperature	at	Method	Remark
Decomposition temperature	No data available				
Viscosity	No data available				
Solvent separation test	No data available				
Solvent content	No data available				
Water content	No data available				
Solids content	No data available				
Combustion value	No data available				
Sensitiveness to impact	No data available				
Oxidising properties	No data available				
Explosive properties	No data available				
9.2. Other information	No information available.				

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known.

10.2. Chemical stability

Chemical stability

10.3. Possibility of hazardous reactions

no

10.4. Conditions to avoid

no

10.5. Incompatible materials

Substances to avoid

No information available.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

Additional information

No information available.



SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	No data available			
LD50 acute dermal	No data available			
LC50 acute inhalation	No data available			
Skin irritation	non-irritant			
Eye irritation	non-irritant			
Skin sensitization	non-sensitizing			
Sensitization respiratory system	not sensitizing			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Subacute Toxicity				No data available
Subchronic Toxicity				No data available
Chronic Toxicity				No data available
Mutagenicity				No data available
Reproduction-Toxicity				No data available
Carcinogenicity				No data available
Specific target organ toxicity (single exposure)	No data available			
Specific target organ toxicity (repeated exposure)	No data available			
Aspiration hazard	No data available			
Toxicity test (Additional information)	No data available			



Experiences made from practice

No data available

Additional information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	No data available			
Biological degradability	No data available			
Degradability	No data available			
Biological eliminability				No information available.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

No data available

Additional ecological information

	Value	Method	Remark
OC	not applicable		
COD	not applicable		
BOD	not applicable		

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

May be taken to household waste disposal or incineration plant, but care for official regulations.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.



SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-
14.6. Special precautions for user No data available			
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No data available			
Land and inland navigation transport ADR/RID No dangerous goods as defined by these transport regulations.			
Marine transport IMDG No dangerous goods as defined by these transport regulations.			
Air transport ICAO/IATA-DGR No dangerous goods as defined by these transport regulations.			
Transport/further information No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.			

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Authorizations**
No data available
- Application restrictions**
No data available
- Other regulations (EU)**
Contains no substance listed in REACH Annex XIV.
- VOC standard**
- Remark**
No data available
- National regulations**
- Restriction of occupation**
No data available



Other regulations, restrictions and prohibition regulations

No data available

Water hazard class - VwVws
nwh - not water hazardous

15.2. Chemical Safety Assessment

Eine Stoffsicherheitsbeurteilung wurde nicht durchgeführt.

SECTION 16: Other information

Training advice

No data available

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.2

Sources of key data used

Europäische Chemikalienagentur, <http://echa.europa.eu/>.