



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

1.1. Product identifier

Name of product Strahlmittel Siliciumcarbid

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

Recommended intended purpose(s)

Blasting shots

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

joke Technology GmbH
Asselborner Weg 14-16, D-51429 Bergisch Gladbach
Phone +49 (0) 22 04 – 8 39 - 0, Fax +49 (0) 22 04 – 8 39 - 60
E-Mail info@joke.de
Internet www.joke.de

Advice

Markus Abstoss
Phone +49 (0) 22 04 – 8 39 - 577
Fax +49 (0) 22 04 – 8 39 - 60
E-mail (competent person):
m.abstoss@joke.de

1.4. Emergency telephone number

Emergency advice

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

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

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

Additional hints

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

Precautionary Statements

Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.

2.3. Other hazards

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
409-21-2	206-991-8	Siliciumcarbid (SiC)	ca. 98	

REACH

CAS No	Name	REACH registration number
409-21-2	Siliciumcarbid (SiC)	01-2119402892-42-xxxx

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 the event of symptoms refer for medical treatment.

In case of skin contact

Rinse with plenty of water.

In case of eye contact

Remove contact lenses, if possible
In case of contact with eyes rinsing with plenty of lukewarm water carefully and seek for medical treatment.

In case of ingestion

Do not induce vomiting.
Refer to medical treatment.
Rinse out mouth and give plenty of water to drink.



4.2. Most important symptoms and effects, both acute and delayed
Physician's information / possible symptoms
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
Product does not burn, fire-extinguishing activities according to surrounding.

Unsuitable extinguishing media
No information available.

5.2. Special hazards arising from the substance or mixture
No information available.

5.3. Advice for firefighters
Special protective equipment for fire-fighters
no

Additional information
no

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
For non-emergency personnel
Avoid dust formation.
Use personal protective clothing.

6.2. Environmental precautions
no

6.3. Methods and material for containment and cleaning up
Take up mechanically and send for disposal.

Additional Information
Informations for safe handling see chapter 7.
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
Avoid the formation of dust.

General protective measures
No information available.



Hygiene measures

No information available.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special measures required.

Advice on storage compatibility

No information available.

Further information on storage conditions

Store in a dry place.

Information on storage stability

not determined

Storage group 13

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

When air limits are exceeded, especially the general one
Dust limit value (respirable dust content below 1.25 mg / m³), select appropriate protective equipment.
In case of dust formation wear micro dust mask.

Hand protection

Leather gloves

Eye protection

tightly fitting goggles

Other protection measures

protective clothing

Limitation and surveillance of the environment

See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

solid

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	not applicable				
Boiling temperature / boiling range	not applicable				
melting point	ca. 2300 °C				
Flash point	not applicable				
Vapourisation rate	not applicable				
Flammable (solid)	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	not applicable				
Self ignition temperature	not applicable				
Lower explosion limit	not applicable				
Upper explosion limit	not applicable				
Vapour pressure	not applicable				
Relative density	3,2 g/cm ³				
Vapour density	not applicable				
Solubility in water					insoluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not applicable				
Viscosity	not applicable				

Oxidising properties

No data available

Explosive properties

Das Produkt ist nicht explosionsgefährlich, jedoch ist die Bildung explosionsfähiger Dampf-/Luftgemische möglich.

9.2. Other information

No information available.



SECTION 10: Stability and reactivity

10.1. Reactivity

no

10.2. Chemical stability

stable

10.3. Possibility of hazardous reactions

no

10.4. Conditions to avoid

no

10.5. Incompatible materials

Substances to avoid

no

10.6. Hazardous decomposition products

No data available

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	No data available			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Subacute Toxicity				No data available



Value	Species	Method	Validation
Subchronic Toxicity			No data available
Chronic Toxicity			No data available
Mutagenicity			No data available
Reproduction-Toxicity			No data available
Carcinogenicity			no
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

Ecotoxicological effects

Value	Species	Method	Validation
Fish			The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.
Daphnia			No data available
Algae			No data available
Bacteria			No data available

12.2. Persistence and degradability

Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability No data available			
Biological degradability No data available			



	Elimination rate	Method of analysis	Method	Validation
Degradability	No data available			

12.3. Bioaccumulative potential

Because of its consistency the product cannot be dispersed in the environment. Adverse ecological effects are therefore unlikely on the basis of current knowledge.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

12 01 17

Name of waste

waste blasting material other than those mentioned in 12 01 16

Recommendations for the product

Remove in accordance with local 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)

No data available

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

nwh - not water hazardous

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Training advice

No data available

Further information