



Special oil-soluble grinding paste

Print date 27.03.2024
Revision date 27.03.2024
Version 1.0 (en)

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

1.1 Product identifier

Trade name/designation Special oil-soluble grinding paste

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

Sector of uses [SU]

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU3 Industrial uses

Product Categories [PC]

Abrasive

Use of the substance/mixture

Cutting, grinding, polishing

Uses advised against

No data available

1.3 Details of the supplier of the safety data sheet

Supplier

joke Technology GmbH
Asselborner Weg 14-16
D-51249 Bergisch Gladbach
Telephone +49 (0) 22 04 / 8 39-0
Telefax +49 (0) 22 04 / 8 39-60
E-mail info@joke.de
Website <https://www.joke-technology.com/>

Department responsible for information:

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E-mail (competent person):
sida@joke.de

1.4 Emergency telephone number

Vergiftungs-I-Z. Freiburg (Sprache / Language: DE, EN) +49 (0) 761 / 1 92 40
REACH and CLP UK CA Help Desk +44 171 635 9191

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Remark

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

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

Special rules on packaging

This information is not available.

Other labelling

not applicable



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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.

Endocrine disrupting properties

Effective dose	Method, Evaluation	Source, Remark
		This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 3: Composition / information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Additional information

This mixture does not contain any notifiable substances according to the criteria of 3.2 of Annex II of the REACH Regulation.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

This information is not available.

Following skin contact

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

Rub greasy ointment into the skin.

In case of skin irritation, consult a physician.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.

If eye irritation persists: seek medical attention (eye specialist or occupational physician).

Remove contact lenses, if possible

Following ingestion

Do NOT induce vomiting.

Seek medical advice immediately.

Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

This information is not available.

Effects

This information is not available.



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4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

This information is not available.

Special treatment

If the product has been injected into or under the skin or into any part of the body, the person should be immediately the appearance or size of the wound, the person should be immediately evaluated by a physician as a surgical emergency.

Although symptoms from injection at high pressure may initially be minimal or non-existent, early surgical treatment within the first few hours can significantly reduce the final extent of the injury. significantly reduce the final extent of the injury.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam

Water mist

Extinguishing powder

Carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In the event of fire the following can be released:

Carbon monoxide

Carbon dioxide (CO₂)

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

Wear full chemical protective clothing.

Additional information

Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Provide adequate ventilation.

Use personal protection equipment.

For emergency responders

Remove persons to safety.

Personal protection equipment

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

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6.3 Methods and material for containment and cleaning up

For containment

Take up mechanically and send for disposal.

For cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Clean contaminated articles and floor according to the environmental legislation.

6.4 Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Avoid:

Eye contact

Skin contact

Wear personal protection equipment (refer to section 8).

Prevent small spills (danger of slipping)

Advices on general occupational hygiene

Thorough skin-cleansing after handling the product.

When using do not eat, drink, smoke, sniff.

Remove contaminated, saturated clothing immediately.

Wash hands and face before breaks and after work and take a shower if necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.

Keep container tightly closed.

Materials to avoid

Oxidising agent

Further information on storage conditions

Protect from heat and direct solar radiation.

7.3 Specific end use(s)

Recommendation

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available



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8.2 Exposure controls

Personal protection equipment

Hand protection

Tested protective gloves must be worn

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

NBR (Nitrile rubber)

Body protection:

Protective clothing

Respiratory protection

When used properly and under normal conditions, respiratory protection is not required

Thermal hazards

This information is not available.

Environmental exposure controls

Technical measures to prevent exposure

See section 7. No additional measures necessary.

Remark

Avoid release into the environment.

Consumer exposure controls

Remark

To date, no national critical limit values exist.

Additional information

No national limits have been set so far

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

Paste

Colour

brown

Odour

characteristic

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	> 360 °C		
flammability	not determined		
Lower and upper explosion limit	not determined		

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	Value	Method	Source, Remark
Flash point	> 200 °C		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	not determined		
Solubility(ies)	Water solubility		practically insoluble
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	< 0.013 hPa (20°C)		
Density and/or relative density	> 1.5 g/cm ³ (20°C)		
Relative vapour density	not determined		
particle characteristics	not determined		

9.2 Other information**Other safety characteristics**

	Value	Method	Source, Remark
Solid content	approx. 50 %		
Explosive properties			The product is not explosive.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

High temperatures, ignition sources, incompatible materials

10.5 Incompatible materials

Oxidising agent, strong

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**



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Animal data

	Effective dose	Method,Evaluation	Source, Remark
Acute oral toxicity	ATEmix calculated: > 2000 mg/kg		
Acute dermal toxicity	ATEmix calculated: > 2000 mg/kg		
Acute inhalation toxicity	Acute inhalation toxicity (vapour) ATEmix calculated: > 20 mg/L Acute inhalation toxicity (dust/mist) ATEmix calculated: > 5 mg/L		

Assessment/classification

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Assessment/classification

Based on available data, the classification criteria are not met.
In rare cases, the product may cause temporary reddening of the skin.

Serious eye damage/irritation

Assessment/classification

Based on available data, the classification criteria are not met.

Sensitisation to the respiratory tract

Assessment/classification

no

Skin sensitisation

Assessment/classification

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Assessment/classification

Based on available data, the classification criteria are not met.

Carcinogenicity

Assessment/classification

Based on available data, the classification criteria are not met.

Reproductive toxicity

Assessment/classification

Based on available data, the classification criteria are not met.

STOT-single exposure

STOT SE 1 and 2

Assessment/classification

Based on available data, the classification criteria are not met.



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STOT SE 3

Irritation to respiratory tract

Assessment/classification

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Other information

No data available

Assessment/classification

Based on available data, the classification criteria are not met.

Aspiration hazard

Remark

Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Other information

The product may causes temporary reddening of the skin in rare cases.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

	Effective dose	Method,Evaluation	Source, Remark
Acute (short-term) fish toxicity	not determined		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	not determined		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	not determined		
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Assessment/classification

No data available

12.4 Mobility in soil

Assessment/classification

No data available



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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 Endocrine disrupting properties

	Effective dose	Method, Evaluation	Source, Remark
Endocrine disrupting properties			This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other adverse effects

Additional ecotoxicological information

Additional information

This information is not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste codes/waste designations according to EWC/AVV

Waste code product	Waste name
120121	spent grinding bodies and grinding materials other than those mentioned in 12 01 20

Appropriate disposal / Product

Dispose of waste according to applicable legislation.

Appropriate disposal / Package

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID 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

This information is not available.

14.7 Maritime transport in bulk according to IMO instruments

This information is not available.

All transport carriers

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.



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Land transport (ADR/RID)

Remark

Not classified for this transport carrier.

Sea transport (IMDG)

Remark

Not classified for this transport carrier.

Air transport (ICAO-TI / IATA-DGR)

Remark

Not classified for this transport carrier.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Authorisations

No data available

Restrictions on use

No data available

15.2 Chemical Safety Assessment

National regulations

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Indication of changes

* Data changed compared with the previous version

Abbreviations and acronyms

CLP: Classification, Labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service

DNEL: derived no-effect level

PBT: persistent and bioaccumulative and toxic

vPvB: very persistent, very bioaccumulative

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Dangerous goods regulations for transport by rail

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

SVHC: Substance of Very High Concern

Key literature references and sources for data

Datasheets of the manufacturer

Training advice

none

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Additional information

National and local regulations concerning chemicals shall be observed.

This safety data sheet complies with the requirements of Commission Regulation (EU) 2020/878 amending Regulation (EC) No 1907/2006.

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.