



Lapping agent aluminum oxide

Print date 25.03.2024

Revision date 25.03.2024

Version 1.0 (en)

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

1.1 Product identifier

Trade name/designation Lapping agent aluminum oxide

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

Use of the substance/mixture

Means for fine polishing

Uses advised against

This information is not 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:

Telephone +49 (0) 22 04 / 8 39-0

Telefax +49 (0) 22 04 / 8 39-60

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

No data available

2.2 Label elements

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

Remark

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

Additional information

The mixture does not contain substances listed for endocrine disrupting properties according to REACH Article 59(1) or it has been determined according to the criteria of Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 that it does not contain substances with endocrine disrupting properties in a concentration equal to or greater than 0.1%.

Additional information

For this product, a hazard label is not required according to section 1.3.4 of Annex I of the CLP regulation.

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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.

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

In the event of persistent symptoms receive medical treatment.

Following inhalation

Provide fresh air.

If intensive inhalation of dust seek medical treatment immediately.

Following skin contact

In case of contact with skin wash off with warm water.

In case of skin irritation, consult a physician.

After eye contact

Eye rinsing with water carefully while protecting unhurt eye.

Remove contact lenses, if possible

Following 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

Symptoms

This information is not available.

Effects

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures



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5.1 Extinguishing media

Suitable extinguishing media

Foam

Carbon dioxide (CO₂)

Extinguishing powder

Water spray jet

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire formation of dangerous gases possible.

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

Ensure adequate ventilation.

Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

Avoid release into the environment

6.3 Methods and material for containment and cleaning up

For containment

Take up mechanically and send for disposal.

Wipe up with absorbent material (e.g., cloth, fleece).

6.4 Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Use only in well-ventilated areas.

Keep away from sources of ignition - No smoking.



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Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.
Remove contaminated, saturated clothing immediately.
Thorough skin-cleansing after handling the product.
Keep away from food and drink.

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.
Ensure adequate ventilation of the storage area.

Materials to avoid

Do not store together with:
Food and feedingstuffs

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place.
Handle and open container with care.
Protect from direct solar radiation.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

Technical measures to prevent exposure
ventilation system

Personal protection equipment

Eye/face protection

Eye glasses with side protection

Hand protection

Gloves with long cuffs

Body protection:

Protective clothing

Respiratory protection

Respiratory protection necessary at:
insufficient ventilation
In case of dust formation wear micro dust mask.

Thermal hazards

This information is not available.

Environmental exposure controls

Technical measures to prevent exposure

No data available

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Remark

Avoid release into the environment.

Additional information

The national and local legal regulations are to be observed.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Physical state**

liquid

Colour

white

Odour

odourless

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	not determined		
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	not determined		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	not determined		
Solubility(ies)	not determined		
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	not determined		
Relative vapour density	not determined		
particle characteristics	not determined		

9.2 Other information

No data available

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

No hazardous reactions known.

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10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

none

10.4 Conditions to avoid

This information is not available.

10.5 Incompatible materials

This information is not available.

10.6 Hazardous decomposition products

none

Additional information

This information is not available.

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

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	not determined		
Acute dermal toxicity	not determined		
Acute inhalation toxicity	not determined		

Assessment/classification

This information is not available.

Skin corrosion/irritation**Animal data**

Result / Evaluation	Method	Source, Remark
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Assessment/classification

This information is not available.

Serious eye damage/irritation**Assessment/classification**

This information is not available.

Sensitisation to the respiratory tract**Assessment/classification**

No data available

Skin sensitisation**Assessment/classification**

This information is not available.

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Germ cell mutagenicity

Assessment/classification

This information is not available.

Carcinogenicity

Assessment/classification

This information is not available.

Reproductive toxicity

Assessment/classification

This information is not available.

STOT-single exposure

STOT SE 1 and 2

Other information

No data available

STOT-repeated exposure

Other information

No data available

Aspiration hazard

Remark

No data available

11.2 Information on other hazards

Additional information

This information is not available.

Other information

No data available

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		

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	Effective dose	Method, Evaluation	Source, Remark
Toxicity to microorganisms	not determined		

Assessment/classification

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

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

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

No data available

12.7 Other adverse effects**Additional ecotoxicological information****Additional information**

No data available

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Appropriate disposal / Product**

Dispose of waste according to applicable legislation.

Appropriate disposal / Package

Dispose of according to official regulations.

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	-	-	-

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14.6 Special precautions for user

No data available

14.7 Maritime transport in bulk according to IMO instruments

not applicable

All transport carriers

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

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

Other regulations (EU)

To follow:

No data available

15.2 Chemical Safety Assessment

National regulations

A chemical safety assessment was not carried out.

SECTION 16: Other information

Indication of changes

* Data changed compared with the previous version

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Abbreviations and acronyms

PBT: persistent and bioaccumulative and toxic

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

STOT: Specific Target Organ Toxicity

SVHC: Substance of Very High Concern

TRGS: Technical Rules for Hazardous Substances

vPvB: very persistent, very bioaccumulative

CFR: Code of Federal Regulations

Key literature references and sources for data

Datasheets of the manufacturer

Training advice

No data available

Additional information

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.

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