



Diamond paste joke Magic water and alcohol soluble

Print date 02.03.2023
Revision date 02.03.2023
Version 1.7 (en)
replaces version of 05.06.2020 (1.6)

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

1.1 Product identifier

Trade name/designation Diamond paste joke Magic water and alcohol soluble

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

Sector of uses [SU]

SU3 Industrial uses

Use of the substance/mixture

Cutting, grinding, polishing
Polishing agent

*** 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 +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]**

*** Precautionary statements**

none

Special rules on packaging

This information is not available.

Other labelling

not applicable

2.3 Other hazards

Adverse human health effects and symptoms

This information is not available.



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- * **Results of PBT and vPvB assessment**
No data available
-

* **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.
If unconscious but breathing normally, place in recovery position and seek medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.

* **Following inhalation**

Remove casualty to fresh air and keep warm and at rest.

* **Following skin contact**

After contact with skin, wash immediately with plenty of water and soap.
Remove contaminated, saturated clothing immediately.

After eye contact

Eye rinsing with water carefully while protecting unhurt eye.
Remove contact lenses, if possible
Seek medical advice immediately.

* **Following ingestion**

Rinse mouth immediately and drink plenty of water.

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

* **Symptoms**

Does not represent a significant hazard under the condition of normal conditions of use.

Effects

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.



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*** SECTION 5: Firefighting measures**

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam
Extinguishing powder
Carbon dioxide (CO₂)
Water spray jet

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Dangerous smoke can arise.
Inhaling hazardous decomposition products can cause serious health hazards.

*** 5.3 Advice for firefighters**

*** Special protective equipment for firefighters**

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

*** Additional information**

Co-ordinate fire-fighting measures to the fire surroundings.
Use water spray jet to protect personnel and to cool endangered containers.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

*** SECTION 6: Accidental release measures**

*** 6.1 Personal precautions, protective equipment and emergency procedures**

*** For non-emergency personnel**

Provide adequate ventilation.

*** For emergency responders**

Personal protection equipment
Use breathing apparatus if exposed to vapours/dust/aerosol.

*** 6.2 Environmental precautions**

Do not allow to enter into surface water or drains.

*** 6.3 Methods and material for containment and cleaning up**

*** For containment**

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
After taking up the material dispose according to regulation.

*** 6.4 Reference to other sections**

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13



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* **SECTION 7: Handling and storage**

* **7.1 Precautions for safe handling**

* **Protective measures**

Avoid the formation and deposition of dust.
Handle and open container with care.
Usual measures for fire prevention.
Keep in a cool, well-ventilated place.
Avoid:
Eye contact
Skin contact
Do not inhale dust/fumes/aerosols.

Advices on general occupational hygiene

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

* **7.2 Conditions for safe storage, including any incompatibilities**

* **Requirements for storage rooms and vessels**

Keep container tightly closed.
Keep/Store only in original container.
Ensure adequate ventilation of the storage area.

* **Storage class**

10 Combustible liquids that cannot be assigned to any of the above storage classes

* **Materials to avoid**

Keep away from:
Food and feedingstuffs

* **Further information on storage conditions**

Do not keep at temperatures above 30°C.
Recommended storage temperature
10 - 25 °C
Protect from frost.

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

* **8.2 Exposure controls**

Appropriate engineering controls

Technical measures to prevent exposure
ventilation system

* **Personal protection equipment**

Eye/face protection
tightly fitting goggles



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* **Hand protection**
 By short-term hand contact
 NBR (Nitrile rubber)
 Thickness of the glove material 0,4mm
 Breakthrough time: 30 min
 By long-term hand contact
 Information on glove material [type / type, thickness, permeation time / duration of wetting, wetting strength]:
 butyl rubber; 0.7 mm; 480 min.

* **Body protection:**
 Light protective clothing.

Respiratory protection
 Respiratory protection necessary at:
 insufficient ventilation

Environmental exposure controls

Technical measures to prevent exposure
 See section 7. No additional measures necessary.
 Take appropriate protective measures to limit or prevent emissions.

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
 Paste

* **Colour**
 grey

* **Odour**
 odourless

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	Pour point approx. 6 °C	ASTM D97	
Melting point/freezing point	solidifying range 4- 8 °C		
Boiling point or initial boiling point and boiling range	> 200 °C		
flammability	solid		
Lower and upper explosion limit	not determined		
Flash point	240 °C	DIN 51376 (09/1981: replaced by DIN ISO 2592)	
Auto-ignition temperature	360 °C	DIN 51794	

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	Value	Method	Source, Remark
Decomposition temperature	not determined		
pH	5- 7 (20°C) Concentration 100 g/L	DIN 19261	
Viscosity	not determined		
Solubility(ies)	Water solubility		miscible
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	< 0.1 hPa (20°C)		
Density and/or relative density	Density 1.126 g/cm ³ (20°C)	DIN 51757	
Relative vapour density	not determined		
particle characteristics	not determined		

9.2 Other information**Other safety characteristics**

	Value	Method	Source, Remark
Evaporation rate			not determined
Solvent content			No data available
Water content			not determined
Solid content			not determined
Solvent separation test			No data available
Explosive properties			No data available
Oxidising properties			No data available

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

This material is considered to be non-reactive under normal use conditions.

*** 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 reaction when handled and stored according to provisions.

*** 10.4 Conditions to avoid**

Evolution of heat.

*** 10.5 Incompatible materials**

Oxidising agent
 Acid
 Alkali (lye)



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* **10.6 Hazardous decomposition products**

Thermal decomposition can lead to the escape of irritating gases and vapours.
 Carbon dioxide
 Carbon monoxide
 Decomposition temperature: 360 °C

* **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**

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.

* **Serious eye damage/irritation**

* **Assessment/classification**

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

* **Sensitisation to the respiratory tract**

* **Assessment/classification**

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

* **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**



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* **STOT SE 1 and 2**

* **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.

* **Symptoms related to the physical, chemical and toxicological characteristics**

* **In case of ingestion**

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

* **In case of skin contact**

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

* **In case of inhalation**

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

11.2 Information on other hazards

* **Additional information**

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

* **Other information**

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

* **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	EC0 > 12.5 g/L Test duration 3 h	OECD 209	
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**

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

* **12.2 Persistence and degradability**

	Value	Method	Source, Remark
Biodegradation	Degradation rate > 80 % Test duration 28 d	OECD 301E/ EEC 92/69/V, C.4-B	Readily biodegradable (to OECD criteria)

* **12.3 Bioaccumulative potential**

* **Assessment/classification**

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

* **12.4 Mobility in soil**

* **Assessment/classification**

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

* **12.5 Results of PBT and vPvB assessment**

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

* **Additional ecotoxicological information**

	Value	Method	Source, Remark
Chemical oxygen demand (COD)	1858 mgO ₂ /g	DIN 38409 H41	
Total organic carbon (TOC):	0.492 mg/L		

* **Additional information**

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

Dispose of waste according to applicable legislation.
 Product rests: send for disposal, e.g. special waste incineration.
 Dispose of waste according to "Kreislaufwirtschaftsgesetz (KrWG)".

Appropriate disposal / Package

Completely emptied packages can be recycled.



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*** 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	No	No	No

*** 14.6 Special precautions for user**

Corresponding information under section 6 to 8

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.

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

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.



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* **SECTION 16: Other information**

* **Indication of changes**

* Data changed compared with the previous version

* **Abbreviations and acronyms**

SU: use category
vPvB: very persistent, very bioaccumulative
PBT: persistent and bioaccumulative and toxic
REACH: Registration, Evaluation and Authorization of Chemicals
CO₂: Carbon dioxide
NBR: Brazilian Regulatory Standard
ASTM: American Society for Testing and Materials
DIN: German Institute for Standardization / German Industrial Standard
ISO: International Organization for Standardization
OECD: Organisation for Economic Cooperation and Development
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
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
DGR: Dangerous Goods Regulations (IATA)
WGK: water hazard class

Key literature references and sources for data

Datasheets of the manufacturer

* **Additional information**

National and local regulations concerning chemicals shall be observed.
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.

* **Indication of changes**

* Data changed compared with the previous version