

**Diamant-Kunststoff-Feinstpoliermittel joke Magic**

Print date 04.01.2023  
Revision date 04.01.2023  
Version 1.9 (en)  
replaces version of 09.04.2019 (1.8)



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

### **1.1 Product identifier**

**Trade name/designation** Diamant-Kunststoff-Feinstpoliermittel joke Magic

### **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**

Cutting, grinding, polishing  
Polishing agent

**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-51429 Bergisch Gladbach  
Telephone +49 (0) 22 04 / 8 39-0  
Telefax +49 (0) 22 04 / 8 39-60  
E-mail [info@joke.de](mailto:info@joke.de)  
Website [www.joke.de](http://www.joke.de)

Department responsible for information:

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

E-mail (competent person):

[safety-data-sheet@joke.de](mailto:safety-data-sheet@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

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## **\* 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]**

**Supplemental hazard information**

This information is not available.

#### **\* Special rules for supplemental label elements for certain mixtures**

EUH210 Safety data sheet available on request.

**special rules for labelling of plant protection products**

This information is not available.

**Special rules on packaging**

This information is not available.

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

**2.3 Other hazards**

**Adverse physicochemical effects**

This information is not available.

**Adverse human health effects and symptoms**

This information is not available.

**Adverse environmental effects**

This information is not available.

**Other adverse effects**

This information is not available.

**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.	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
9038-95-3	618-542-	Oxiran, 2-methyl-, polymer mit Oxiran, monobutyl ether	50 - 90 weight-%	Acute Tox. 4; H302	ATE(oral): 1843 mg/kg ATE(dermal): > 8000 mg/kg

\* **SECTION 4: First aid measures**

\* **4.1 Description of first aid measures**

**General information**

If threatening unconsciousness, position and transport in recovery position  
In the event of persistent symptoms receive medical treatment.

**Following inhalation**

Remove casualty to fresh air and keep warm and at rest.  
If breathing is irregular or stopped, administer artificial respiration.

**Following skin contact**

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

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**After eye contact**

Remove contact lenses, if possible  
After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist 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**

Foam  
Dry extinguishing powder  
Carbon dioxide (CO<sub>2</sub>)  
Water spray jet

**Unsuitable extinguishing media**

Full water jet

\* **5.2 Special hazards arising from the substance or mixture**

\* **Hazardous combustion products**

Carbon monoxide  
Dangerous smoke can arise.  
Carbon dioxide (CO<sub>2</sub>)

**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**

Use water spray jet to protect personnel and to cool endangered containers.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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\* **SECTION 6: Accidental release measures**

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

\* **For non-emergency personnel**

Use personal protection equipment.  
Remove persons to safety.  
Provide adequate ventilation.

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**For emergency responders**

Ensure adequate ventilation.  
Remove persons to safety.  
Personal protection equipment

**6.2 Environmental precautions**

Do not allow to enter into surface water or drains.  
In case of pollution of waters or sewers, inform the competent authorities.

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

**For containment**

Wipe up with absorbent material (e.g., cloth, fleece).  
Suitable material for taking up:  
Kieselguhr  
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**

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Avoid:

Inhalation of vapours or spray/mists  
Skin contact  
Eye contact

**Advices on general occupational hygiene**

When using do not eat, drink, smoke, sniff.  
Wash contaminated clothing immediately.  
Work in rooms with good ventilation.  
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.

**\* Storage class**

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

**\* Materials to avoid**

Do not store together with:  
Food and feedingstuffs

**\* Further information on storage conditions**

Store only in original container at temperature of 30°C maximum (=86°F).  
Protect from sun.  
Do not keep at temperatures below 5°C.

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**7.3 Specific end use(s)**

**Recommendation**

This information is not available.

**Industrial sector specific solutions**

This information is not available.

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**\* 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

**\* Hand protection**

Recommended glove brands DIN EN 374, skin protection plan: Lanex, Danak, TH30

Angaben zum Handschuhmaterial [Art/Typ, Dicke, Durchdringzeit/Tragedauer, Benetzungsstärke]: EN 374, NBR (Nitrilkautschuk), 480 min., 0,35mm

**\* Body protection:**

Suitable protective clothing:  
Overall

**\* Respiratory protection**

Respiratory protection necessary at:  
insufficient ventilation  
high concentrations

**Environmental exposure controls**

**Technical measures to prevent exposure**

Take appropriate protective measures to limit or prevent emissions.

**\* Additional information**

The national and local legal regulations are to be observed.

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**\* SECTION 9: Physical and chemical properties**

**\* 9.1 Information on basic physical and chemical properties**

**Physical state**

liquid

**Colour**

grey

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**Odour**

characteristic

**Safety relevant basis data**

	Value	Method	Source, Remark
Odour threshold:			No data available
Melting point/freezing point			No data available
Boiling point or initial boiling point and boiling range	100 °C		
flammability			No data available
flammability			No data available
Lower and upper explosion limit			No data available
Lower and upper explosion limit			No data available
Flash point	180 °C		
Auto-ignition temperature			No data available
Auto-ignition temperature			No data available
Decomposition temperature			No data available
pH	in delivery state		not applicable
Viscosity	kinematic 12 s	DIN 53211	
Solubility(ies)	Water solubility		miscible
Solubility(ies)			No data available
Partition coefficient n-octanol/water (log value)			No data available
Vapour pressure	0.03 mbar		
Density and/or relative density	0.98 g/cm <sup>3</sup>		
Density and/or relative density			No data available
Relative vapour density			No data available
particle characteristics	not determined		

**\* 9.2 Other information****\* Other safety characteristics**

	Value	Method	Source, Remark
Evaporation rate			No data available
Solvent content			No data available
Water content			No data available
Solid content	2 weight-%		
Solvent separation test			No data available
Explosive properties			No information available.
Oxidising properties			No information available.

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**Other information**

This information is not available.

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**\* SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No hazardous reactions known.

**10.2 Chemical stability**

stable

**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**

Alkali (lye)  
Acid  
Oxidising agent, strong

**\* 10.6 Hazardous decomposition products**

In case of fire: carbon monoxide and carbon dioxide.

**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	CAS No. 9038-95-3 Oxiran, 2-methyl-, polymer mit Oxiran, monobutyl ether LD50: 1843 mg/kg Species Rat	LD50	
Acute dermal toxicity	CAS No. 9038-95-3 Oxiran, 2-methyl-, polymer mit Oxiran, monobutyl ether LD50: > 8000 mg/kg Species Rabbit	LD50	
Acute inhalation toxicity	not determined		

**\* Skin corrosion/irritation**

**\* Practical experience/human evidence**

No data available

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**Animal data**

Result / Evaluation	Method	Source, Remark
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No data available		
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**Serious eye damage/irritation****Animal data**

Result / Evaluation	Method	Source, Remark
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No data available		
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**Sensitisation to the respiratory tract****Assessment/classification**

No data available
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**Skin sensitisation****Animal data**

Result / Evaluation	Dose / Concentration	Method	Source, Remark
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No data available			
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**\* Repeated dose toxicity (subacute, subchronic, chronic)**

Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Subacute oral toxicity				not determined
Subacute dermal toxicity				not determined

**Germ cell mutagenicity**

Value	Method	Result / Evaluation	Remark
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In vitro mutagenicity/genotoxicity		No data available	
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**\* Carcinogenicity****Animal data**

Value	Method	Result / Evaluation	Remark
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Carcinogenicity		No data available	
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**\* Assessment/classification**

Based on available data, the classification criteria are not met.
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**\* Reproductive toxicity****Animal data**

Value	Method	Result / Evaluation	Remark
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Reproductive toxicity		No data available	
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**\* Assessment/classification**

Based on available data, the classification criteria are not met.
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**\* STOT-single exposure**



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\* **STOT SE 1 and 2****Animal data**

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (single exposure)					No data available
Dermal specific target organ toxicity (single exposure)					No data available
Inhalative specific target organ toxicity (single exposure)					No data available

**Other information**

No data available

\* **Assessment/classification**

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

\* **STOT-repeated exposure****Animal data**

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (repeated exposure)					No data available
Oral specific target organ toxicity (repeated exposure)					No data available
Dermal specific target organ toxicity (repeated exposure)					No data available
Dermal specific target organ toxicity (repeated exposure)					No data available
Inhalative specific target organ toxicity (repeated exposure)					No data available
Inhalative specific target organ toxicity (repeated exposure)					No data available

**Other information**

No data available

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\* **Assessment/classification**

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

\* **Aspiration hazard**\* **Assessment/classification**

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

**Remark**

No data available

**11.2 Information on other hazards**

No data available

\* **SECTION 12: Ecological information**\* **12.1 Toxicity**\* **Aquatic toxicity**

	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) fish toxicity	CAS No. 9038-95-3 Oxiran, 2-methyl-, polymer mit Oxiran, monobutyl ether LC50: 3200 mg/L Species Pimephales promelas (fathead minnow) Test duration 96 h		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	CAS No. 9038-95-3 Oxiran, 2-methyl-, polymer mit Oxiran, monobutyl ether EC50 4400 mg/L Species Daphnia magna (Big water flea) Test duration 48 h		
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**

	Value	Method	Source, Remark
Biodegradation			No data available
Biodegradation			No data available
Biodegradation			No data available

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**12.3 Bioaccumulative potential**

**Assessment/classification**

This information is not available.

**12.4 Mobility in soil**

**Assessment/classification**

This information is not 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**

	Value	Method	Source, Remark
Chemical oxygen demand (COD)			No data available
Biochemical oxygen demand			No data available
Total organic carbon (TOC):			No data available

**Additional information**

This information is not 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.

**\* Remark**

Dispose according to legislation.

**\* SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1 UN number or ID number</b>	-	-	-
<b>14.2 UN proper shipping name</b>	-	-	-
<b>14.3 Transport hazard class(es)</b>	-	-	-
<b>14.4 Packing group</b>	-	-	-
<b>14.5 Environmental hazards</b>	-	-	-

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**14.6 Special precautions for user**

This information is not available.

**14.7 Maritime transport in bulk according to IMO instruments**

not applicable

**\* All transport carriers**

not applicable

**\* Land transport (ADR/RID)**

**\* Remark**

not applicable

**\* Sea transport (IMDG)**

**\* Remark**

not applicable

**\* Air transport (ICAO-TI / IATA-DGR)**

**\* Remark**

not applicable

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**\* SECTION 15: Regulatory information**

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

**\* EU legislation**

**Authorisations**

This information is not available.

**Restrictions on use**

This information is not available.

**\* Other regulations (EU)**

**\* Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive] VOC**

VOC content, delivery state 1 %

**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**

**Key literature references and sources for data**

European Chemicals Agency, <http://echa.europa.eu/>.

**Training advice**

none

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**Additional information**

National and local regulations concerning chemicals shall be observed.  
This safety data sheet has been prepared or amended in accordance with Regulation (EC) No. 1907/2006 (REACH) taking into account all of its currently valid amendments.

**Relevant H- and EUH-phrases (Number and full text)**

H302 Harmful if swallowed.

**Indication of changes**

\* Data changed compared with the previous version