

Diamond lapping suspension joke Magic Star OS

Print date 16.01.2024
Revision date 16.01.2024
Version 2.7 (en)
replaces version of 05.06.2020 (2.6)

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

1.1 Product identifier

Trade name/designation Diamond lapping suspension joke Magic Star OS

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

PC 24 lubricant, lubricant and separating agent

Uses advised against

none

*** 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**

Classification according to Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Asp. Tox. 1, H304	

Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

*** 2.2 Label elements**

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

Hazard pictograms



GHS08

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Signal word

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P331 Do NOT induce vomiting.
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P405 Store locked up.
 P501 Dispose of contents and containers in accordance with local, regional, national and international regulations.

Supplemental hazard information

not applicable

*** 2.3 Other hazards***** Adverse human health effects and symptoms**

The mixture does not contain substances that are listed on the basis of endocrine disrupting properties according to REACH Article 59(1) or it has been determined in accordance with the criteria of Delegated Regulation (EU) 2017/2100 or of Commission Regulation (EU) 2018/605, it has been determined that there are no substances with endocrine disrupting properties in a concentration of at least 0.1%.

*** Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

*** SECTION 3: Composition / information on ingredients****3.1 Substances**

not applicable

*** 3.2 Mixtures***** Hazardous ingredients**

CAS No	EC No	Index No	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
1335203-17-2	934-956-3		Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy	50 - 100 weight-%	Asp. Tox. 1; H304	ATE(oral): 5000 mg/kg ATE(dermal): 3160 mg/kg ATE(inhalation gas): 5266 mg/m ³
677026-24-3	805-627-0		Alcohols, C16-18 and C18-unsatd., ethoxylated and propoxylated	2.5 - 5 weight-%	Skin Irrit. 2; H315 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	

*** Remark**

Full text of H- and EUH-phrases: see section 16.

*** SECTION 4: First aid measures***** 4.1 Description of first aid measures***** General information**

If threatening unconsciousness, position and transport in recovery position
 Call a physician immediately.
 In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).



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* **Following inhalation**
Remove casualty to fresh air and keep warm and at rest.
In case of difficulty in breathing, give oxygen.
If breathing is irregular or stopped, administer artificial respiration.

* **Following skin contact**
After contact with skin, wash immediately with plenty of water and soap.
In case of contact with skin wash off with warm water.
Remove contaminated, saturated clothing immediately.

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.
Seek medical advice immediately.

Following ingestion
Do NOT induce vomiting.
Observe the aspiration hazard.
Silence.
Seek medical advice immediately.
Rinse mouth thoroughly with water.

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

* **Effects**
May be fatal if swallowed and enters airways
Pulmonary oedema

* **4.3 Indication of any immediate medical attention and special treatment needed**

* **Notes for the doctor**
Treat symptomatically.
Medical surveillance at least 48 hours.

* **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
Strong 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.
Carbon dioxide (CO₂)
Carbon monoxide

5.3 Advice for firefighters

Special protective equipment for firefighters
In case of fire: Wear self-contained breathing apparatus.

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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.

* **SECTION 6: Accidental release measures**

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

* **For non-emergency personnel**

Provide adequate ventilation.
Avoid contact with skin and eyes.
Remove persons to safety.
Use personal protection equipment.
Remove all sources of ignition.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.
Special danger of slipping by leaking/spilling product.

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**

Send in suitable containers for recovery or disposal.
Wipe up with absorbent material (e.g., cloth, fleece).
Take up residues with absorbent material (e.g. kieselguhr).

* **For cleaning up**

Wipe up with absorbent material (eg. cloth, fleece).
Clean contaminated articles and floor according to the environmental legislation.

* **6.4 Reference to other sections**

Disposal: see section 13
Personal protection equipment: see section 8

* **SECTION 7: Handling and storage**

* **7.1 Precautions for safe handling**

* **Protective measures**

Do not inhale dust/fumes/aerosols.
Avoid skin contact.
Avoid:
Eye contact

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.
Remove contaminated, saturated 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.
Ensure adequate ventilation of the storage area.



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- * **Materials to avoid**
Do not store together with:
Food and feedingstuffs

- * **Further information on storage conditions**
Keep container tightly closed and in a well-ventilated place.
Protect from direct solar radiation.
Protect from heat/overheating.
Store at 5 to 40°C (=41 to 104°F).

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

Additional information on the design of technical systems see section 7.
ventilation system

* **Personal protection equipment**

- * **Eye/face protection**
tightly fitting goggles
EN 166

- * **Hand protection**
chemical-resistant gloves
Information on glove material [type / type, thickness, permeation time / duration of wetting, wetting strength]: EN 374, NBR (nitrile rubber), 480 min., 0,4 mm
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.

- * **Body protection:**
Protective clothing

- * **Respiratory protection**
Filter A or environment-independent breathing apparatus

* **Environmental exposure controls**

Technical measures to prevent exposure

Take appropriate protective measures to limit or prevent emissions.

- * **Remark**
Avoid release into the environment.

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

colourless

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	not determined		
flammability	not determined		
Lower and upper explosion limit	Upper explosion limit 6 Vol-%		
Lower and upper explosion limit	Lower explosion limit 1 Vol-%		
Flash point	74 °C		
Auto-ignition temperature	330 °C		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	10 s	DIN 53211, 4mm	
Solubility(ies)	Water solubility		practically insoluble
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	0.82 g/cm ³		
Relative vapour density	not determined		
particle characteristics	not determined		

*** 9.2 Other information**

*** Other safety characteristics**

	Value	Method	Source, Remark
Solid content	1 %		

*** SECTION 10: Stability and reactivity**

*** 10.1 Reactivity**

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



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* **10.2 Chemical stability**

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

* **10.3 Possibility of hazardous reactions**

No known hazardous reactions.

10.4 Conditions to avoid

High temperatures, ignition sources, incompatible materials

* **10.5 Incompatible materials**

Oxidising agent, strong
 Reactions with strong acids.
 Reactions with strong alkalies.

* **10.6 Hazardous decomposition products**

No hazardous decomposition products known.
 In case of fire: carbon monoxide and carbon dioxide.

* **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 No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy		
	LD50: 5000 mg/kg Species Rat		
Acute dermal toxicity	CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy		
	LD50: 3160 mg/kg Species Rabbit		
Acute inhalation toxicity	CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy		
	Acute inhalation toxicity (gas) LC50: 5266 mg/m ³ Species Rat Exposure time 4 h		

* **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.



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* **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**

* **STOT SE 1 and 2**
 * **Assessment/classification**
 Based on available data, the classification criteria are not met.

* **STOT-repeated exposure**

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

* **Aspiration hazard**

* **Remark**
 May be fatal if swallowed and enters airways.

11.2 Information on other hazards

* **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	CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy LL50 1028 mg/L Test duration 96 h		



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	Effective dose	Method, Evaluation	Source, Remark
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy 3193 mg/L Test duration 48 h		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy EL50 10000 mg/L Species Skeletonema costatum Test duration 72 h		
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	Degradation rate 74 % Test duration 28 d	OECD 306	CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy Readily biodegradable (to OECD criteria)

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**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

Additional ecotoxicological information

Additional information
 No data available



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*** 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	-	-	-

- * **14.6 Special precautions for user**
not applicable

- 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

*** SECTION 15: Regulatory information**

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

*** Other regulations (EU)**

- * **Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive] VOC**
VOC content, delivery state 96 %



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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**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP: Classification, Labelling and Packaging
DMEL: Derived Minimal Effect Level
DNEL: derived no-effect level
EC50: Effective Concentration 50%
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods
LC50: Lethal (fatal) Concentration 50%
LD50: Lethal (fatal) Dose 50%
LOAEL: Lowest Observed Adverse Effect Level
NOAEC: no observed adverse effect concentration
NOAEL: No Observed Adverse Effect Level
NOEC: No Observed Effect Concentration
NOEL: No Observed Effect Level
OECD: Organisation for Economic Cooperation and Development
PBT: persistent and bioaccumulative and toxic
PNEC: Predicted No Effect Concentration
REACH: Registration, Evaluation and Authorization of Chemicals
STP: sewage treatment plant
vPvB: very persistent, very bioaccumulative
Skin Irrit. 2: Skin irritation, Category 2
Asp. Tox. 1: Aspiration toxicity, Category 1
Aquatic Acute 1: Short-term (acute) aquatic hazard, Category 1
Aquatic Chronic 3: Long-term (chronic) aquatic hazard, Category 3

* **Key literature references and sources for data**

Datasheets of the manufacturer

* **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.
This is a safety information for steel with alloying materials without classification according to Regulation (EC) No. 1272/2008 (CLP)

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

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

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* Data changed compared with the previous version