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

1.1 Product identifier

Trade name/designation Diamond lip suspension joke Magic Star PKD, oil soluble

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

Sector of uses ISU1

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Classification procedure Regulation (EC) No 1272/2008

[CLP]

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



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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/m³
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		
рН	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		
Other information			
er 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/m³ 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
	Woulda, Evaluation	Course, Remark
CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy 3193 mg/L Test duration 48 h		
not determined		
CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy EL50 10000 mg/L Species Skeletonema costatum Test duration 72 h		
not determined		
not determined		
not determined		
Value	Method	Source, Remark
Degradation rate 74 % Test duration 28 d	OECD 306	CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy
	CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy 3193 mg/L Test duration 48 h not determined CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy EL50 10000 mg/L Species Skeletonema costatum Test duration 72 h not determined not determined Value Degradation rate 74 %	not determined CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy 3193 mg/L Test duration 48 h not determined CAS No1335203-17-2 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hydrocarbons, C15-20 Hy EL50 10000 mg/L Species Skeletonema costatum Test duration 72 h not determined not determined Value Method Degradation rate 74 % OECD 306

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.