



Diamond Gel joke Magic® WS

Print date 30.01.2024
Revision date 30.01.2024
Version 1.1 (en)
replaces version of 30.01.2024 (1.0)

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

1.1 Product identifier

Trade name/designation Diamond Gel joke Magic® WS

Hazard components

2,2' -oxybisethanol, Polyalkylene glycol

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

Product Categories [PC]

PC31 Polishes and wax blends

Use of the substance/mixture

Polishing agent for the treatment of metallic surfaces and painted surfaces
Polishing agent

Uses advised against

No data 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

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

Acute Tox. 4, H302

STOT RE 2, H373

Hazard statements for health hazards

H302 Harmful if swallowed.

H373 May cause damage to organs through prolonged or repeated exposure.



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2.2 Label elements

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

Hazard components

2,2' -oxybisethanol, Polyalkylene glycol

Hazard pictograms



GHS07



GHS08

Signal word

Warning

Hazard statements

H302 Harmful if swallowed.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 Rinse mouth.

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents and containers in accordance with local, regional, national and international regulations.

2.3 Other hazards

Endocrine disrupting properties

Effective dose	Method,Evaluation	Source, Remark
		The product does not contain substances with endocrine disrupting properties .

SECTION 3: Composition / information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Description

Mixture of the following substances and non-hazardous substances

Hazardous ingredients

CAS No	EC No	Index No	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
111-46-6	203-872-2	603-140-00-6	2,2' -oxybisethanol	45 - 65 weight-%	Acute Tox. 4; H302 STOT RE 2; H373	ATE(oral): 12565 mg/kg ATE(dermal): 11890 mg/kg ATE(Acute inhalation toxicity): > 4.6 mg/L
7782-40-3	231-953-2	NA	Diamant	0.125 - 15 weight-%		

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CAS No	EC No	Index No	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
9038-95-3	NA	NA	Polyalkylene glycol	1.5 - 3 weight-%	Acute Tox. 4; H302	ATE(oral): 1843 mg/kg ATE(dermal): > 8000 mg/kg
REACH No.		Substance name				
01-2119457857-21		2,2' -oxybisethanol				
01-2119852677-24		Diamant				

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

Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

Following inhalation

In case of inhalation remove the casualty into fresh air and seek medical advice.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap.

In case of skin reactions, consult a physician.

Take off contaminated clothing.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

In case of eye irritation consult an ophthalmologist.

Following ingestion

Do NOT induce vomiting.

Call a physician immediately.

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.

4.3 Indication of any immediate medical attention and special treatment needed**Notes for the doctor**

Treat symptomatically.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Foam

Water spray

Dry extinguishing powder

Carbon dioxide (CO₂)



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Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide
Carbon dioxide (CO₂)

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.
Wear full chemical protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

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

For emergency responders

Remove persons to safety.
Personal protection equipment
Remove all sources of ignition.

6.2 Environmental precautions

In case of pollution of waters or sewers, inform the competent authorities.
Do not allow to enter into surface water or drains.
Suppress gases/vapours/mists with water spray jet.

6.3 Methods and material for containment and cleaning up

For containment

Send in suitable containers for recovery or disposal.
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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Keep away from sources of ignition - No smoking.
Wear personal protection equipment (refer to section 8).
Use only in well-ventilated areas.
When using do not eat, drink, smoke, sniff.
Avoid:
Eye contact
Skin contact
Do not inhale gases/vapours/aerosols.



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Advices on general occupational hygiene

Remove contaminated, saturated clothing immediately.
Thorough skin-cleansing after handling the product.
Work in rooms with good ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Packaging materials:

It is recommended to test the compatibility with certain plastic materials.

Requirements for storage rooms and vessels

Store in tightly closed containers.
Ensure adequate ventilation of the storage area.
Only use containers specifically approved for the substance/product.

Materials to avoid

Keep at distance to ignition device, water and alkalies.

Further information on storage conditions

Keep container tightly closed and in a well-ventilated place.
Recommended storage temperature: room temperature.

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

Remark

Emergency eye showers and rescue showers should be available in the immediate vicinity of any potential exposure
be available.

Personal protection equipment

Eye/face protection

tightly fitting goggles
EN 166

Hand protection

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.

Since the product is a preparation of several substances, the resistance of the glove materials cannot be calculated in advance and must therefore be checked before use.
Gloves with long cuffs

Body protection:

Impermeable protective clothing

Respiratory protection

Suitable respiratory protection apparatus:
Self-contained respirator (breathing apparatus)

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Remark

Check leak tightness/impermeability prior to use.
 Breakthrough times and swelling properties of the material must be taken into consideration.

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

various

Odour

odourless

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	Melting point -7.8 °C		
Boiling point or initial boiling point and boiling range	100- 250 °C		
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	> 100 °C		
Auto-ignition temperature			The product is not self-igniting.
Decomposition temperature	not determined		
pH	not determined		
Viscosity	dynamic 3500- 18000 mPa*s (20°C)		
Solubility(ies)	Water solubility		completely miscible
Partition coefficient n-octanol/water (log value)	1.98		CAS No111-46-6 2,2' -oxybisethanol
Vapour pressure	not determined		
Density and/or relative density	Relative density 1.04		
Relative vapour density particle characteristics	not determined		Heavier than air

9.2 Other information



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Other safety characteristics

	Value	Method	Source, Remark
Solvent content	45- 65 %		
Explosive properties			The product is not explosive.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

stable

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

High temperatures, ignition sources, incompatible materials

10.5 Incompatible materials

Acid
 Oxidising agent, strong

10.6 Hazardous decomposition products

Carbon monoxide
 Carbon dioxide
 Hydrocarbons

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 No111-46-6 2,2' - oxybisethanol		
	LD50: 12565 mg/kg		
	Species Rat		
Acute dermal toxicity	CAS No9038-95-3 Polyalkylene glycol		
	LD50: 1843 mg/kg		
	Species Rat		
Acute dermal toxicity	LD50: 61433- 122867 mg/kg		
	Species Rat		
	CAS No111-46-6 2,2' - oxybisethanol		
	LD50: 11890 mg/kg		
	Species Rabbit		



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	Effective dose	Method,Evaluation	Source, Remark
Acute inhalation toxicity	CAS No9038-95-3 Polyalkylene glycol LD50: > 8000 mg/kg Species Rabbit		
	CAS No111-46-6 2,2' - oxybisethanol LC50: > 4.6 mg/L Species Rat Exposure time 4 h		

Assessment/classification
 May be harmful if swallowed

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.

Overall Assessment on CMR properties

The mixture is not classified as mutagenic / not classified as carcinogenic / not classified as toxic for reproduction

STOT-single exposure

STOT SE 1 and 2

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



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STOT-repeated exposure

Animal data

	Effective dose	Method	Specific effects:	Organs affected:	Source, Remark
Oral specific target organ toxicity (repeated exposure)	CAS No111-46-6 2,2' - oxybisethanol NOAEL(C): 1160 mg/kg bw/day Species Rat				
Oral specific target organ toxicity (repeated exposure)	CAS No111-46-6 2,2' - oxybisethanol NOAEL(C): 1210 mg/kg bw/day Species Rat				
Oral specific target organ toxicity (repeated exposure)	CAS No111-46-6 2,2' - oxybisethanol LOAEL(C): 40000 mg/kg bw/day Species Rat				

Other information

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Remark

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

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 No111-46-6 2,2' - oxybisethanol LC50: 75200 mg/L Species Pimephales promelas (fathead minnow)		
	CAS No9038-95-3 Polyalkylene glycol LC50: 3200 mg/L Species Pimephales promelas (fathead minnow) Test duration 96 h	OECD 203	
Chronic (long-term) fish toxicity	not determined		



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	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) toxicity to crustacea	CAS No111-46-6 2,2' - oxybisethanol EC50 > 10000 mg/L Species Daphnia magna (Big water flea) Test duration 24 h		
	CAS No9038-95-3 Polyalkylene glycol EC50 4400 mg/L Species Daphnia magna (Big water flea) Test duration 48 h	OECD 202	
Chronic (long-term) toxicity to aquatic invertebrate	CAS No111-46-6 2,2' - oxybisethanol NOEC ≥ 1000 mg/L Test duration 23 d		
Acute (short-term) toxicity to algae and cyanobacteria	CAS No111-46-6 2,2' - oxybisethanol EC50 9362 mg/L CAS No111-46-6 2,2' - oxybisethanol EC50 6500- 13000 mg/L Species Pseudokirchnerella subcapitata Test duration 96 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			CAS No9038-95-3 Polyalkylene glycol Readily biodegradable (to OECD criteria)

12.3 Bioaccumulative potential

	Value	Method	Source, Remark
Bioconcentration factor (BCF)	Bioconcentration factor (BCF) 100		CAS No111-46-6 2,2' - oxybisethanol

Assessment/classification
 No data available

12.4 Mobility in soil

Assessment/classification
 No data available



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12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

	Effective dose	Method,Evaluation	Source, Remark
Endocrine disrupting properties			The product does not contain substances with endocrine disrupting properties .

12.7 Other adverse effects

Additional ecotoxicological information

	Value	Method	Source, Remark
Chemical oxygen demand (COD)	1.51 mgO ₂ /g		CAS No111-46-6 2,2' - oxybisethanol
Biochemical oxygen demand	0.02 mgO ₂ /g		CAS No111-46-6 2,2' - oxybisethanol

Additional information

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

Dispose of waste according to applicable legislation.
 Must not be disposed together with household garbage.

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

This information is not available.

14.7 Maritime transport in bulk according to IMO instruments

No data available

All transport carriers

This information is not available.



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Land transport (ADR/RID)

Remark

This information is not available.

Sea transport (IMDG)

Remark

This information is not available.

Air transport (ICAO-TI / IATA-DGR)

Remark

This information is not available.

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-value 45- 65 %

15.2 Chemical Safety Assessment

National regulations

A chemical safety assessment was not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service

VOC: Volatile organic compounds

LC50: Lethal (fatal) Concentration 50%

LD50: Lethal (fatal) Dose 50%

PBT: persistent and bioaccumulative and toxic

vPvB: very persistent, very bioaccumulative

STOT RE 2: Specific target organ toxicity (repeated exposure), Category 2

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.



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

H302 Harmful if swallowed.
H373 May cause damage to organs through prolonged or repeated exposure.