



Bio-diamond emulsion NEOLAP, oil-soluble

Print date 10.10.2024
Revision date 10.10.2024
Version 1.0 (en)

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

1.1 Product identifier

Trade name/designation Bio-diamond emulsion NEOLAP, oil-soluble

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

Abrasive

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-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

Remark

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

Additional information

The mixture does not contain substances listed for endocrine disrupting properties according to REACH Article 59(1) or it has been determined according to the criteria of Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 that it does not contain substances with endocrine disrupting properties in a concentration equal to or greater than 0.1%.

2.2 Label elements

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

Precautionary statements

This information is not available.

Supplemental hazard information

This information is not available.



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Special rules for supplemental label elements for certain mixtures

This information is not available.

special rules for labelling of plant protection products

This information is not available.

Special rules on packaging

This information is not available.

Other labelling

not applicable

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 | Index No | Substance name | Concentration | Classification according to Regulation (EC) No 1272/2008 [CLP] | SCL/ M/ ATE |
|-----------|-----------|--------------|------------------------------|------------------|--|--|
| 2634-33-5 | 220-120-9 | 613-088-00-6 | 1,2-benzisothiazol-3(2H)-one | < 0.015 weight-% | Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 | Skin Sens. 1; H317: (0,05 <=C<=100) ATE(oral): 1020 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.

Following skin contact

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

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After eye contact

In case of contact with eyes rinse thoroughly with warm water.

Following ingestion

If swallowed seek medical advice immediately and show the doctor packing or label.

4.2 Most important symptoms and effects, both acute and delayed

Effects

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

Dry 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

In the event of fire the following can be released:

Possible release of toxic fumes.

5.3 Advice for firefighters

Special protective equipment for firefighters

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

Protective clothing.

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 appropriate respiratory protection.

6.2 Environmental precautions

Avoid release into the environment

6.3 Methods and material for containment and cleaning up

For containment

Soak up spilled liquid with absorbent.



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For cleaning up

Dispose of substances or residual quantities in solid form to an approved facility.

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

Wear personal protection equipment (refer to section 8).

Use only in well-ventilated areas.

Advices on general occupational hygiene

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

Wash hands and face before breaks and after work and take a shower if necessary.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Keep in a cool, well-ventilated place.

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

Ensure good ventilation of the workplace.

Personal protection equipment

Eye/face protection

tightly fitting goggles

Hand protection

Tested protective gloves must be worn

Body protection:

Protective clothing

Respiratory protection

Respiratory protection necessary at:
insufficient ventilation

Environmental exposure controls

Remark

Avoid release into the environment.



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Colour

white

Odour

This information is not available.

Safety relevant basis data

| | Value | Method | Source, Remark |
|--|---------------------------|--------|----------------|
| Odour threshold: | not determined | | |
| Melting point/freezing point | Freezing point 0 °C | | |
| Boiling point or initial boiling point and boiling range | 100 °C | | |
| flammability | not determined | | |
| Lower and upper explosion limit | not determined | | |
| Flash point | > 100 °C | | |
| Auto-ignition temperature | not determined | | |
| Decomposition temperature | not determined | | |
| pH | in delivery state 6- 8 | | |
| Viscosity | not determined | | |
| Solubility(ies) | Water solubility | | soluble |
| Partition coefficient n-octanol/water (log value) | not determined | | |
| Vapour pressure | not determined | | |
| Density and/or relative density | not determined | | |
| Relative vapour density | not determined | | |
| particle characteristics | not determined | | |

9.2 Other information

Other information

This information is not 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 stable under normal conditions.



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10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No hazardous reactions known.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

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 No2634-33-5 1,2-benzisothiazol-3(2H)-one LD50: 1020 mg/kg Species Rat | | |
| Acute dermal toxicity | not determined | | |
| Acute inhalation toxicity | not determined | | |

Skin corrosion/irritation

not determined

Serious eye damage/irritation

not determined

Sensitisation to the respiratory tract

Assessment/classification

No data available

Skin sensitisation

not determined

Germ cell mutagenicity

not determined

Carcinogenicity

not determined

Reproductive toxicity

not determined

STOT-single exposure

STOT SE 1 and 2

Other information

No data available



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STOT-repeated exposure

Other information

No data available

Aspiration hazard

Remark

No data available

11.2 Information on other hazards

Other information

This information is not available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

| | Effective dose | Method, Evaluation | Source, Remark |
|---|--|--------------------|----------------|
| Acute (short-term) fish toxicity | CAS No2634-33-5 1,2-benzisothiazol-3(2H)-one LC50: 2.18 mg/L Species Oncorhynchus mykiss (Rainbow trout) | | |
| Chronic (long-term) fish toxicity | not determined | | |
| Acute (short-term) toxicity to crustacea | CAS No2634-33-5 1,2-benzisothiazol-3(2H)-one EC50 2.94 mg/L Species Daphnia magna (Big water flea) Test duration 72 h | | |
| Chronic (long-term) toxicity to aquatic invertebrate | not determined | | |
| Acute (short-term) toxicity to algae and cyanobacteria | EC50 0.11 mg/L Species Pseudokirchnerella subcapitata 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 | | | CAS No2634-33-5 1,2-benzisothiazol-3(2H)-one Product is biodegradable. |



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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

Additional information

The product is not considered harmful to aquatic organisms nor does it cause long-term damage to the environment.

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

This information is not available.

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

not applicable



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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

Authorisations

This information is not available.

Restrictions on use

This information is not available.

Other regulations (EU)

To follow:

Contains no REACH candidate substance.

Contains no substance listed in REACH Annex XIV.

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

VOC content, delivery state 0 %

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



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Abbreviations and acronyms

JArbSchG: Youth Labor Protection Act (DE)
MuSchRiV: Maternity Protection Guideline Ordinance (DE)
vPvB: very persistent, very bioaccumulative
LC50: Lethal (fatal) Concentration 50%
LD50: Lethal (fatal) Dose 50%
EC50: Effective Concentration 50%
PBT: persistent and bioaccumulative and toxic
Acute Tox. 4, H302: Acute Toxicity (oral), Category 4
Skin Irrit. 2: Skin irritation, Category 2
Eye Dam. 1: Serious eye damage, Category 1
Skin Sens. 1: Skin sensitizer, Category 1
Aquatic Acute 1: Short-term (acute) aquatic hazard, Category 1

Key literature references and sources for data

Datasheets of the manufacturer

Training advice

none

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.

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.

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

| | |
|------|--------------------------------------|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H400 | Very toxic to aquatic life. |