



Trade name: Marabu-Decorlack 019, 50 ml

Version: 19 / GB

Date revised: 01.07.2020

Substance number: 113005019

Replaces Version: 18 / GB

Print date: 01.07.20

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

1.1. Product identifier

Marabu-Decorlack 019, 50 ml

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

Use of the substance/preparation

Paint

Identified Uses

SU21

Consumer uses: Private households (= general public = consumers)

PC9a

Coatings and paints, thinners, paint removers

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Marabu GmbH & Co. KG

Asperger Strasse 4

71732 Tamm

Germany

Telephone no. +49-7141/691-0

Fax no. +49-7141/691-147

Information provided Department product safety

by / telephone

E-mail address of PRSI@marabu.com

person responsible

for this SDS

1.4. Emergency telephone number

(+49) (0)621-60-43333

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

EUH208 Contains 2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated, 2-Methyl-2H-isothiazol-3-one, 1,2-Benzisothiazol-3(2h)-one, May produce an allergic reaction.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Paint based on acrylic resins and on water

Hazardous ingredients

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated

CAS No. 9014-85-1

EINECS no. 500-022-5

Registration no. 01-2119954393-33



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| | |
|-------------------|------|
| Acute Tox. 2 | H330 |
| Skin Corr. 1B | H314 |
| Eye Dam. 1 | H318 |
| Aquatic Acute 1 | H400 |
| Skin Sens. 1A | H317 |
| Aquatic Chronic 1 | H410 |
| Acute Tox. 3 | H311 |

Concentration limits (Regulation (EC) No. 1272/2008)

| | | |
|-----------------|------|-----------|
| Skin Sens. 1A | H317 | >= 0,0015 |
| Aquatic Acute 1 | H400 | M = 10 |

SECTION 4: First aid measures

4.1. Description of first aid measures

After skin contact

Wash with plenty of water and soap. Do NOT use solvents or thinners.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse mouth thoroughly with water. If larger amounts are swallowed or in the event of symptoms take medical treatment.

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

Until now no symptoms known so far.

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

Hints for the physician / treatment

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Foam, Sand, Water

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); dense black smoke

5.3. Advice for firefighters

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No particular measures required.

6.2. Environmental precautions

No particular measures required.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent - avoid use of solvents.

6.4. Reference to other sections



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Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid skin and eye contact. Smoking, eating and drinking shall be prohibited in application area.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in frostfree conditions.

7.3. Specific end use(s)

Paint

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Propane-1,2-diol

| | | |
|---------|------|-------------------|
| List | EH40 | |
| Type | OES | |
| Value | 10 | mg/m ³ |
| Status: | 2011 | |

Derived No/Minimal Effect Levels (DNEL/DMEL)

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated

| | | |
|----------------------|--------------------------------|-------------------|
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | oral | |
| Mode of action | Systemic effects | |
| Concentration | 24,7 | mg/m ³ |

| | | |
|----------------------|--------------------------------|-----------------|
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | Worker | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |
| Mode of action | Systemic effects | |
| Concentration | 7 | mg/person/ d |

| | | |
|----------------------|--------------------------------|-------------------|
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | General Population | |
| Duration of exposure | Long term | |
| Route of exposure | inhalative | |
| Mode of action | Systemic effects | |
| Concentration | 4,35 | mg/m ³ |

| | | |
|----------------------|--------------------------------|--|
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | General Population | |
| Duration of exposure | Long term | |
| Route of exposure | dermal | |



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| | | |
|----------------------|--------------------------------|---------|
| Mode of action | Systemic effects | |
| Concentration | 2,5 | mg/kg/d |
| Type of value | Derived No Effect Level (DNEL) | |
| Reference group | General Population | |
| Duration of exposure | Long term | |
| Route of exposure | oral | |
| Mode of action | Systemic effects | |
| Concentration | 2,5 | mg/kg/d |

Predicted No Effect Concentration (PNEC)

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated

| | | |
|---------------|------------------------------|-------|
| Type of value | PNEC | |
| Type | Freshwater | |
| Concentration | 0,036 | mg/l |
| Type of value | PNEC | |
| Type | Marine | |
| Concentration | 0,004 | mg/l |
| Type of value | PNEC | |
| Type | Sewage treatment plant (STP) | |
| Concentration | 6,8 | mg/l |
| Type of value | PNEC | |
| Type | Freshwater sediment | |
| Concentration | 0,29 | mg/kg |
| Type of value | PNEC | |
| Type | Marine sediment | |
| Concentration | 0,029 | mg/kg |

8.2. Exposure controls

Exposure controls

Provide adequate ventilation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|-------------------|
| Form | liquid |
| Colour | yellow |
| Odour | odourless |
| Odour threshold | |
| Remarks | No data available |
| pH value | |
| Value | 8 to 10 |
| Temperature | 20 °C |
| Method | WTW PH 340 |
| Melting point | |
| Remarks | not determined |
| Freezing point | |
| Remarks | not determined |
| Initial boiling point and boiling range | |



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| | | | |
|----------|------------------|-----|----|
| Value | appr. 100 | | °C |
| Pressure | 1.013 | hPa | |
| Source | Literature value | | |

Flash point

Remarks Not applicable

Evaporation rate (ether = 1) :

Remarks not determined

Flammability (solid, gas)

Not applicable

Upper/lower flammability or explosive limits

Remarks not determined

Vapour pressure

| | | | |
|-------------|---------------------------------|----|-----|
| Value | appr. 23 | | hPa |
| Temperature | 20 | °C | |
| Method | Value taken from the literature | | |

Vapour density

Remarks not determined

Density

| | | | |
|-------------|-----------------|----|-------------------|
| Value | 1,060 | | g/cm ³ |
| Temperature | 20 | °C | |
| Method | DIN EN ISO 2811 | | |

Solubility in water

Remarks miscible

Ignition temperature

Remarks not determined

Viscosity

| | | | | |
|-------------|------------|----|------|-------|
| Value | 1500 | to | 6000 | mPa.s |
| Temperature | 20 | °C | | |
| Method | Brookfield | | | |

SECTION 10: Stability and reactivity

10.1. Reactivity

None

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects



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Acute oral toxicity

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

Acute oral toxicity (Components)**1,2-Benzisothiazol-3(2h)-one**

| | | | |
|---------|-----|------|-------|
| Species | rat | | |
| LD50 | | 1193 | mg/kg |

Acute dermal toxicity

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

Acute dermal toxicity (Components)**1,2-Benzisothiazol-3(2h)-one**

| | | | |
|---------|-----|------|-------|
| Species | rat | | |
| LD50 | | 4115 | mg/kg |

Acute inhalational toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)**Single exposure**

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

Repeated exposure

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

Aspiration hazard

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

Experience in practice

Provided all the recommended protective and safety precautions are taken, experience shows that no risk to health can be expected.

Other information

There are no data available on the mixture itself.

The mixture has been assessed following the additivity method of the CLP Regulation (EC) No 1272/2008 and classified for toxicological hazards accordingly.

SECTION 12: Ecological information**12.1. Toxicity****General information**

There are no data available on the mixture itself. Do not allow to enter drains or water courses. The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment.



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Fish toxicity (Components)**2,2'-dithiobis[N-methylbenzamide]**

| | | |
|----------------------|--|------|
| Species | rainbow trout (<i>Oncorhynchus mykiss</i>) | |
| LC50 | 0,8567 | mg/l |
| Duration of exposure | 96 | h |
| Method | OECD 203 | |

1,2-Benzisothiazol-3(2h)-one

| | | |
|----------------------|--|------|
| Species | rainbow trout (<i>Oncorhynchus mykiss</i>) | |
| LC50 | 2,18 | mg/l |
| Duration of exposure | 96 | h |

Daphnia toxicity (Components)**2,2'-dithiobis[N-methylbenzamide]**

| | | |
|----------------------|---------------|------|
| Species | Daphnia magna | |
| EC50 | 0,0289 | mg/l |
| Duration of exposure | 48 | h |
| Method | OECD 202 | |

1,2-Benzisothiazol-3(2h)-one

| | | |
|----------------------|---------------|------|
| Species | Daphnia magna | |
| EC50 | 2,94 | mg/l |
| Duration of exposure | 48 | h |

Algae toxicity (Components)**2,2'-dithiobis[N-methylbenzamide]**

| | | |
|----------------------|---------------------------------|------|
| Species | Pseudokirchneriella subcapitata | |
| ErC50 | 0,401 | mg/l |
| Duration of exposure | 72 | h |
| Method | OECD 201 | |

1,2-Benzisothiazol-3(2h)-one

| | | |
|----------------------|---------------------------------|------|
| Species | Pseudokirchneriella subcapitata | |
| ErC50 | 0,11 | mg/l |
| Duration of exposure | 72 | h |

12.2. Persistence and degradability**General information**

There are no data available on the mixture itself.

12.3. Bioaccumulative potential**General information**

There are no data available on the mixture itself.

12.4. Mobility in soil**General information**

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment**General information**

There are no data available on the mixture itself.

12.6. Other adverse effects**General information**

There are no data available on the mixture itself.

SECTION 13: Disposal considerations



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13.1. Waste treatment methods

Disposal recommendations for the product

- Do not allow to enter drains or water courses.
- Dispose of waste according to applicable legislation.
- Dispose of as hazardous waste.

Disposal recommendations for packaging

- Packaging that cannot be cleaned should be disposed off as product waste.
- Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

| | Land transport ADR/RID | Marine transport IMDG/GGVSee | Air transport ICAO/IATA |
|----------------------------------|---|--|--|
| 14.1. UN number | The product does not constitute a hazardous substance in land transport.- | The product does not constitute a hazardous substance in sea transport.- | The product does not constitute a hazardous substance in air transport.- |
| 14.2. UN proper shipping name | - | - | - |
| 14.3. Transport hazard class(es) | - | - | - |
| Subsidiary risk | | - | - |
| Label | | | |
| 14.4. Packing group | - | - | - |
| Transport category | 0 | | |
| 14.5. Environmental hazards | - | no | - |

Information for all modes of transport

14.6. Special precautions for user

- Transport within the user's premises:
- Always transport in closed containers that are upright and secure.
- Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

no

SECTION 15: Regulatory information

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

VOC

VOC (EU) 1,57 %
 VOC (EU) 16,7 g/l

Other information



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The product does not contain substances of very high concern (SVHC).

Other information

All components are contained in the DSL inventory.
 All components are contained in the TSCA inventory or exempted.
 All components are contained in the AICS inventory.
 All components are contained in the ENCS inventory.

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

| | |
|------|---|
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H330 | Fatal if inhaled. |
| H332 | Harmful if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

CLP categories listed in Chapter 3

| | |
|-------------------|---|
| Acute Tox. 2 | Acute toxicity, Category 2 |
| Acute Tox. 3 | Acute toxicity, Category 3 |
| Acute Tox. 4 | Acute toxicity, Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment, acute, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, chronic, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment, chronic, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic, Category 3 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Skin Corr. 1B | Skin corrosion, Category 1B |
| Skin Irrit. 2 | Skin irritation, Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| Skin Sens. 1A | Skin sensitization, Category 1A |
| Skin Sens. 1B | Skin sensitization, Category 1B |

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.
 The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.