

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

## 50 263 - Medium 3 BLUE

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

#### 1.1 Product identifier

Trade name 50 263 - Medium 3 BLUE  
REACH registration No. ---  
UFI ---

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

General use  
Products for creation of art.

Uses advised against  
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#### 1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Strasse 2  
D-40699 Erkrath  
Tel +49 (0) 211 - 2509 - 0  
Fax +49 (0) 211 - 2509 - 479  
info@schmincke.de  
www.schmincke.de  
Schmincke-lab:  
mo-th 8.00-16.30, fr 8.00-13.30  
tel. +49 (0) 211-2509-474  
sdb@schmincke.de

#### 1.4 Emergency telephone number

**Emergencycall Berlin  
+49 30-30686700  
(24/7 counseling in german and english)**

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

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

#### 2.2 Label elements

##### Labelling

Signal word ---

Hazard statements  
no hazard labelling required

Safety precautions  
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##### Text for labelling (CLP)

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be placed in a closed metal container soaked with water or washed out well with warm soapy water before disposal. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

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### SECTION 3: Composition/information on ingredients

#### **3.1 Substances**

##### **Chemical characterisation**

natural oils  
modified oils  
siccative

CAS-Number ---  
EINECS / ELINCS / NLP ---  
EU index number ---  
REACH registration No. ---  
Hazchem-Code ---  
CI-Number ---

#### **3.2 Mixtures**

##### **Substance 1**

2,2-dimethyl-1,3-dioxolan-4-ylmethanol: 3 % < 10 %  
CAS: 64-17-5  
Eye Irrit. 2; H319

##### **Additional information**

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### SECTION 4: First aid measures

#### **4.1 Description of first aid measures**

##### **General information**

If you feel unwell, seek medical advice (show the label where possible).

##### **In case of inhalation**

No special measures are required.

##### **In case of skin contact**

Thoroughly wash skin with soap and water.  
Seek medical attention if irritation persists.

##### **After eye contact**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.  
Seek medical attention if irritation persists.

##### **After swallowing**

Rinse mouth with water. Let water be drunken in little sips (dilution effect).  
If you feel unwell, seek medical advice.

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

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

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### SECTION 5: Firefighting measures

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

##### **Extinguishing media which must not be used for safety reasons**

none

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### 5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide and carbon dioxide

### 5.3 Advice for firefighters

Special protective equipment for firefighters

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Additional information

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## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes, and clothing.

### 6.2 environmental precautions

Discharge into the environment must be avoided.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Take up mechanically. Wash spill area with plenty of water.

Additional information

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### 6.4 Reference to other sections

Dispose of waste according to applicable legislation. refer to section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advices on safe handling

Handle in accordance with good industrial hygiene and safety practice.

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be placed in a closed metal container soaked with water or washed out well with warm soapy water before disposal. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

Precautions against fire and explosion

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### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Keep container tightly closed.

Hints on joint storage

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Storage class

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Further details

storage temperature: from 10 °C to 35 °C

### 7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

DNEL overview

100-79-8 2,2-dimethyl-1,3-dioxolan-4-ylmethanol

|             |  |           |                   |
|-------------|--|-----------|-------------------|
| DNEL worker | Long-term - inhalation, systemic effects | 372,20000 | mg/m <sup>3</sup> |
| DNEL worker | Long-term - dermal, systemic effects     | 52,80000  | mg/kg             |

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### PNEC overview

100-79-8 2,2-dimethyl-1,3-dioxolan-4-ylmethanol

|                                   |            |                 |
|-----------------------------------|------------|-----------------|
| PNEC soil                         | 2,50000    | mg/kg dry weigh |
| PNEC aquatic, freshwater          | 200,00000  | µg/L            |
| PNEC aquatic, freshwater          | 0,10000    | mg/L            |
| PNEC aquatic, marine water        | 200,00000  | µg/L            |
| PNEC aquatic, marine water        | 0,01000    | mg/L            |
| PNEC soil, freshwater             | 1183,00000 | µg/kg dry weigh |
| PNEC soil, marine water           | 118,30000  | µg/kg dry weigh |
| PNEC sewage treatment plant (STP) | 10,00000   | mg/L            |
| PNEC sewage treatment plant (STP) | 100,00000  | mg/L            |

### 8.2 Exposure controls

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#### Occupational exposure controls

##### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

##### Hand protection

Protect skin by using skin protective cream.

##### Eye protection

Avoid contact with eyes.

##### Body protection

Wash contaminated clothing prior to re-use.

##### General protection and hygiene measures

After work, wash hands and face.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form liquid  
Colour yellowish  
Odour characteristic

|   | min      | max       |     |     |
|---|----------|-----------|-----|-----|
| Melting point/freezing point            | ---      | ---       |     |     |
| Initial boiling point and boiling range | > 100 °C | ---       |     |     |
| Flammability                            |          | ---       |     |     |
| Explosion limits                        | ---      | ---       |     |     |
| Flash point/flash point range           | > 60 °C  | ---       |     |     |
| Ignition temperature                    | ---      | ---       |     |     |
| PH                                      | ---      | ---       | --- | --- |
| Viscosity                               | ---      | ---       | --- | --- |
| Solubility                              |          | ---       | --- | --- |
| Partition coefficient: n-octanol/water  |          | ---       |     |     |
| Vapour pressure                         |          | ---       | --- | --- |
| Density and/or relative density         |          | 0,99 g/ml | --- | --- |
| Relative vapour density                 | ---      | ---       | --- | --- |
| Auto-ignition temperature               | ---      | ---       | --- | --- |
| Refraction index                        | ---      | ---       | --- | --- |

Danger of explosion

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### 9.2 Other information

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

Materials soiled with product such as cleaning rags, tissues and protective clothing, may ignite spontaneously a few hours later.

### 10.2 Chemical stability

Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

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### 10.4 Conditions to avoid

frost and heat

### 10.5 Incompatible materials

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### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Toxicological tests

100-79-8 2,2-dimethyl-1,3-dioxolan-4-ylmethanol

|            |      |        |   |            |       |      |
|------------|------|--------|---|------------|-------|------|
| oral       | LD50 | Rat    |   | 7000,00000 | mg/kg | -    |
| inhalative | LC50 | Rat    |   | 5,11000    | mg/L  | (4h) |
| inhalative | LC50 | Rat    |   | 5,11000    | mg/kg | (4h) |
| dermal     | LD50 | Rat    | > | 2000,00000 | mg/kg | -    |
| dermal     | LD50 | Rabbit | > | 3000,00000 | mg/kg | -    |

#### Toxicokinetics, metabolism and distribution

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#### Acute toxicity

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#### In case of inhalation

No data available

#### After swallowing

No data available

#### In case of skin contact

No data available

#### After eye contact

No data available

### Practical experience

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### General remarks

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### 11.2 Information on other hazards

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### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Ecotoxicological effects

100-79-8

2,2-dimethyl-1,3-dioxolan-4-ylmethanol

|      |                            |   |             |      |       |
|------|----------------------------|---|-------------|------|-------|
| LC50 | Water                      | > | 16700,00000 | mg/L | (96h) |
| LC50 | Brachydanio rerio (zebraf) | > | 100,00000   | mg/L | (96h) |
| EC50 | Algae                      | > | 92,00000    | mg/L | (72h) |
| EC50 | Pseudokirchneriella subca  | > | 100,00000   | mg/L | (72h) |
| EC50 | Daphnia magna              | > | 100,00000   | mg/L | (48h) |
| NOEC | Daphnia magna (Big water   |   | 10,00000    | mg/L | (21d) |

##### Aquatic toxicity

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Water Hazard Class

2

WGK catalog number

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General information

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#### 12.2 Persistence and degradability

Further details

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Oxygen demand

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#### 12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

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Partition coefficient: n-octanol/water

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#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

No data available

#### 12.6 Endocrine disrupting properties

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#### 12.7 Other adverse effects

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product

Waste key number

080112

waste paint and varnish other than those mentioned in 08 01 11

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Recommendation

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### Package

Waste key number  
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### Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

### Additional information

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## SECTION 14: Transport information

### 14.1 UN number or ID number

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### 14.2 UN proper shipping name

ADR, ADN No dangerous good in sense of these transport regulations.  
IMDG, IATA ---

### 14.3 Transport hazard class(es)

ADR, ADN ---  
IMDG ---  
IATA ---

### 14.4 Packing group

---

### 14.5 Environmental hazards

Marine Pollutant - IMDG ---  
Marine Pollutant - ADN ---

### 14.6 Special precautions for user

#### Land transport (ADR/RID)

Code: ADR/RID ---  
Kemmler-number ---  
Hazard label ADR ---  
Limited quantities ---  
Package: Instructions ---  
Package: Special Provisions ---  
Special provisions for packing together ---  
Portable tanks: Instructions ---  
Portable tanks: Special Provisions ---  
Tank coding ---  
Tunnel restriction ---  
Remarks ---  
EQ ---  
Special Provisions ---

#### Sea transport (IMDG)

EmS ---  
Special Provisions ---  
Limited quantities ---  
Package: Instructions ---  
Package: Special Provisions ---  
IBC: Instructions ---  
IBC: Provisions ---  
Tank instructions IMO ---  
Tank instructions UN ---  
Tank instructions Special Provisions ---

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Stowage and segregation ---  
Properties and observations ---  
Remarks ---  
EQ ---

### Air transport (IATA-DGR)

Hazard ---  
Passenger ---  
Passenger LQ ---  
Cargo ---  
ERG ---  
Remarks ---  
EQ ---  
Special Provisioning ---

### 14.7 Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### National regulations

##### Europe

Contents of VOC [%] ---  
Contents of VOC ---  
[g/L]  
Further regulations, limitations and legal requirements  
---

##### Germany

Storage class ---  
Water Hazard Class 2  
WGK catalog number ---  
Incident regulation ---  
Information on working limitations  
---  
Further regulations, limitations and legal requirements  
---

##### Switzerland

Contents of VOC [%]  
0 %  
Further regulations, limitations and legal requirements  
---

##### USA

Further regulations, limitations and legal requirements  
---  
Federal Regulations  
---  
State Regulations  
---

##### Canada

Further regulations, limitations and legal requirements  
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### 15.2 Chemical Safety Assessment

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## SECTION 16: Other information

### Further information

**Hazard statements (CLP)** no hazard labelling required

#### **Further information**

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

#### **Literature**

REGULATION (EU) 2020/217 - ATP 14

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

#### **Reason of change**

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#### **Additional information**

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