

# SAFETY DATA SHEET

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

**Revision date:** 9 Dec 2025

**Print date:** 9 Dec 2025

**Version:** 3

**DEUREX**  
THE WAX COMPANY

## DEUREX E 1101 W

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

#### 1.1. Product identifier

Trade name/designation:

DEUREX E 1101 W

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

Use of the substance/mixture:

Additive

#### 1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

**DEUREX AG**

Dr.-Bergius-Str. 8 – 12

06729 Elsteraua

Germany

**Telephone:** +49(0)3441 / 8 29 29 29

**Telefax:** +49(0)3441 / 8 29 29 28

**E-mail:** info@deurex.com

**Website:** www.deurex.com

#### 1.4. Emergency telephone number

Common poisons information centre of the Federal States  
Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia  
D-99089 Erfurt, 24h: +49(0)361-730730

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

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

#### 2.2. Label elements

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

Hazard statements: none

##### Supplemental hazard information

EUH208	Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
EUH210	Safety data sheet available on request.

#### 2.3. Other hazards

No data available

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Description:

emulsion

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### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 68439-49-6 EC No.: 931-932-4	<b>Alkohol C16-C18, ethoxyliert</b> Eye Irrit. 2 (H319)  Warning M-factor (acute): 100 M-factor (chronic): 100 <b>Acute Toxicity Estimate</b> ATE (oral) > 2,000 mg/kg ATE (dermal) > 5,000 mg/kg	2.5 – ≤ 10 weight-%
CAS No.: 55965-84-9 Index No.: 613-167-00-5 REACH No.: 01-2120764691-48	<b>Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] un</b> Acute Tox. 2 (H330, H310), Acute Tox. 3 (H301), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Corr. 1C (H314), Skin Sens. 1A (H317)    Danger EUH071 M-factor (acute): 100 M-factor (chronic): 100 <b>Specific concentration limit (SCL)</b> Skin Corr. 1C; H314: C ≥ 0.6% Skin Irrit. 2; H315: 0.06% ≤ C < 0.6% Eye Dam. 1; H318: C ≥ 0.6% Eye Irrit. 2; H319: 0.06% ≤ C < 0.6% Skin Sens. 1A; H317: C ≥ 0.0015% <b>Acute Toxicity Estimate</b> ATE (oral) 200 mg/kg ATE (dermal) > 1,008 mg/kg ATE (inhalation, dust/mist) 0.171 mg/L	< 2.5 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

#### Following inhalation:

Provide fresh air.

#### Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

No data available

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

#### Hazardous combustion products:

In case of fire: Gases/vapours, toxic

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

**Protective equipment:**

Wear protective gloves/protective clothing/eye protection/face protection.

##### 6.1.2. For emergency responders

**Personal protection equipment:**

Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

**For containment:**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

#### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

Wear personal protection equipment (refer to section 8).

**Advices on general occupational hygiene**

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

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

**Technical measures and storage conditions:**

Keep container tightly closed in a cool, well-ventilated place.

Avoid high temperatures or direct sunlight.

Do not freeze.

**Requirements for storage rooms and vessels:**

Protect against: Frost, Impurity

**Storage class (TRGS 510, Germany):** 12 – non-combustible liquids that cannot be assigned to any of the above storage classes

**Further information on storage conditions:**

Can be stored for at least 6 months if stored under the correct conditions.

#### 7.3. Specific end use(s)

No data available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	<b>① Long-term occupational exposure limit value</b> <b>② Short-term occupational exposure limit value</b> <b>③ Instantaneous value</b> <b>④ Monitoring and observation processes</b> <b>⑤ Remark</b>
DFG (DE) from 1 Jul 2024	<b>Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] un</b> CAS No.: 55965-84-9	① 0.2 mg/m <sup>3</sup> ⑤ (einatembare Fraktion) Gemisch aus cas 26172-55 und 2682-20

##### 8.1.2. Biological limit values

No data available

##### 8.1.3. DNEL-/PNEC-values

No data available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No data available

##### 8.2.2. Personal protection equipment

###### Eye/face protection:

Eye glasses with side protection EN 166

###### Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

##### 8.2.3. Environmental exposure controls

No data available

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

**Physical state:** Liquid

**Form:** emulsion

**Colour:** opaque

**Odour:** not determined

**flammability:** No data available

##### Safety relevant basis data

Parameter	Value	at °C	<b>① Method</b> <b>② Remark</b>
pH	5.5 - 7.5		
Melting point	<i>not applicable</i>		
Freezing point	0 °C		
Initial boiling point and boiling range	100 °C		
Flash point	<i>not applicable</i>		
Evaporation rate	<i>No data available</i>		
Auto-ignition temperature	<i>No data available</i>		
Upper/lower flammability or explosive limits	<i>not applicable</i>		
Vapour pressure	23 hPa	20 °C	
Vapour density	<i>No data available</i>		
Density	1 g/cm <sup>3</sup>		

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Parameter	Value	at °C	① Method ② Remark
Bulk density	<i>not applicable</i>		
Water solubility			② Immiscible, partially miscible
Dynamic viscosity	<i>No data available</i>	40 °C	
Kinematic viscosity	<i>No data available</i>	40 °C	
Solid content	34 - 36 %		

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide

## SECTION 11: Toxicological information

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

<b>Alkohol C16-C18, ethoxyliert</b>	CAS No.: 68439-49-6	EC No.: 931-932-4
<b>LD<sub>50</sub> oral:</b>	>2,000 mg/kg (rat)	
<b>LD<sub>50</sub> dermal:</b>	>5,000 mg/kg (Rat)	
<b>Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] un</b>	CAS No.: 55965-84-9	
<b>LD<sub>50</sub> oral:</b>	200 mg/kg (rat) OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)	
<b>LD<sub>50</sub> dermal:</b>	>1,008 mg/kg (rat)	
<b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b>	0.171 mg/L 4 h (rat) OECD Guideline 403 (Acute Inhalation Toxicity)	

#### Acute oral toxicity:

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

#### Acute dermal toxicity:

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

#### Acute inhalation toxicity:

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

#### Skin corrosion/irritation:

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

#### Serious eye damage/irritation:

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

#### Respiratory or skin sensitisation:

Contains .... May produce an allergic reaction.

#### Germ cell mutagenicity:

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

#### Carcinogenicity:

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

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### Reproductive toxicity:

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

### STOT-single exposure:

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

### STOT-repeated exposure:

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

### Aspiration hazard:

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

### Additional information:

No data available

## 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

**Alkohol C16-C18, ethoxyliert** CAS No.: 68439-49-6 EC No.: 931-932-4

**LC<sub>50</sub>:** 1 - 10 mg/L 4 d (fish, Leuciscus idus) OECD 203

**EC<sub>50</sub>:** >1 - 10 mg/L 2 d (Daphnia magna)

**EC<sub>50</sub>:** >10 - 100 mg/L (Algae/water plant)

**Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] un** CAS No.: 55965-84-9

**LC<sub>50</sub>:** 0.0052 mg/L 4 d (Onchorhyncus mykiss) OECD 203

**LC<sub>50</sub>:** 0.19 mg/L 4 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) EPA OPP 72-1 (Fish Acute Toxicity Test)

**LC<sub>50</sub>:** 0.18 mg/L 2 d (crustaceans, Daphnia magna) EPA OPP 72-2 (Aquatic Invertebrate Acute Toxicity Test)

**LC<sub>50</sub>:** 0.282 mg/L 4 d (crustaceans, Americamysis bahia (previous name: Mysidopsis bahia)) EPA OPPTS 850.1035 (Mysid Acute Toxicity Test)

**EC<sub>50</sub>:** 0.048 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) OECD 201

**EC<sub>50</sub>:** 0.0181 mg/L 2 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum))

**EC<sub>50</sub>:** 0.0063 mg/L 3 d (Algae/water plant, Skeletonema costatum)

**EC<sub>50</sub>:** 0.0357 mg/L 4 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum))

**EC<sub>50</sub>:** 0.099 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

**NOEC:** 0.00064 mg/L 21 d (crustaceans) OECD 211

**NOEC:** 0.00049 mg/L 2 d (Algae/water plant, Skeletonema costatum)

**NOEC:** 0.0014 mg/L 3 d (Algae/water plant, Skeletonema costatum)

**NOEC:** 0.13 mg/L 4 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) EPA OPP 72-1 (Fish Acute Toxicity Test)

**NOEC:** 0.098 mg/L 28 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) OECD Guideline 215 (Fish, Juvenile Growth Test)

**NOEC:** 0.1 mg/L 21 d (crustaceans, Daphnia magna) EPA OPP 72-4 (Fish Early Life-Stage and Aquatic Invertebrate Life-Cycle Studies)

**LOEC:** 0.144 mg/L 28 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) OECD Guideline 215 (Fish, Juvenile Growth Test)

### 12.2. Persistence and degradability

**Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] un** CAS No.: 55965-84-9

**Biodegradation:** Yes, rapidly

### 12.3. Bioaccumulative potential

**Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] un** CAS No.: 55965-84-9

**Log K<sub>ow</sub>:** 117

**Bioconcentration factor (BCF):** 3.16

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### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

Alkohol C16-C18, ethoxyliert	CAS No.: 68439-49-6	EC No.: 931-932-4
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Results of PBT and vPvB assessment: —
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Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] un	CAS No.: 55965-84-9
--	---------------------

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
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### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

water hazard class 2: obviously hazardous to water,

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste treatment options

#### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

#### Appropriate disposal / Package:

Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

### 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

#### 15.1.1. EU legislation

No data available

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### 15.1.2. National regulations

 [DE] National regulations

**Water hazard class**

**WGK:**

keine Angabe

### 15.2. Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

No data available

### 16.3. Key literature references and sources for data

Substance name	Type	source of supply
<b>Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] un</b> CAS No.: 55965-84-9	LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> Acute inhalation toxicity (dust/mist); LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H301	Toxic if swallowed.
H310	Fatal 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.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### Supplemental hazard information

EUH071 Corrosive to the respiratory tract.

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available