# SAFETY DATA SHEET

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

**Revision date:** 31 Mar 2023
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**Version:** 5

DEUREX®
THE WAX COMPANY

# DEUREX T 1601 W

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

### 1.1. Product identifier

**Trade name/designation:**

**DEUREX T 1601 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 Elsteraue
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]**
According to EC directives or the corresponding national regulations the product does not have to be labelled.

**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); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-4-isothiazolin-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

# DEUREX T 1601 W

**Hazardous ingredients / Hazardous impurities / Stabilisers:**

| Product identifiers | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP] | Concentration |
|---|---|---|
| CAS No.: 68439-49-6 | **Alkohol C16-C18, ethoxyliert**<br>Eye Irrit. 2 (H319)<br>Warning | 2.5 – < 10 weight-% |
| CAS No.: 55965-84-9<br>Index No.: 613-167-00-5<br>REACH No.: 01-2120764691-48 | **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); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)**<br>Acute Tox. 2 (H330, H310), Acute Tox. 3 (H301),<br>Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318),<br>Skin Corr. 1C (H314), Skin Sens. 1A (H317)<br>Danger EUH071<br>M-factor (acute): 100 M-factor (chronic): 100<br>**Specific concentration limit (SCL)**<br>Skin Corr. 1C; H314: C ≥ 0.6%<br>Skin Irrit. 2; H315: 0.06% ≤ C < 0.6%<br>Eye Dam. 1; H318: C ≥ 0.6%<br>Eye Irrit. 2; H319: 0.06% ≤ C < 0.6%<br>Skin Sens. 1A; H317: C ≥ 0.0015% | 0 – < 0.1 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. In case of respiratory tract irritation, consult a physician.

**After eye contact:**
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**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.

## 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). No special measures are necessary.

#### 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.

**Requirements for storage rooms and vessels:**
Avoid: Frost, Impurity

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

### 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

#### 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 **Colour:** white

### Safety relevant basis data

| Parameter | Value | at °C | ① Method<br>② Remark |
|---|---|---|---|
| pH | 7 – 9 | | |
| Melting point | *not determined* | | |
| Freezing point | *not determined* | | |
| Initial boiling point and boiling range | *not determined* | | |
| Decomposition temperature | *not determined* | | |
| Flash point | *not applicable* | | |
| Evaporation rate | *not determined* | | |
| Auto-ignition temperature | *not determined* | | |
| Upper/lower flammability or explosive limits | *not applicable* | | |
| Vapour pressure | *not determined* | | |
| Vapour density | *not determined* | | |
| Density | 0.9 g/cm³ | | |
| Relative density | *not determined* | | |
| Bulk density | *not determined* | | |
| Water solubility | *not determined* | | |
| Partition coefficient: n-octanol/water | *not determined* | | |
| Dynamic viscosity | 60 – 140 mPa* s | 20 °C | |
| Kinematic viscosity | *not determined* | 40 °C | |
| Solid content | 44 – 46 % | | |

### 9.2. Other information
No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity
No specific test data related to reactivity available for this product or its ingredients.

### 10.2. Chemical stability
No data available

### 10.3. Possibility of hazardous reactions
No known hazardous reactions.

### 10.4. Conditions to avoid
No data available

### 10.5. Incompatible materials
No data available

### 10.6. Hazardous decomposition products
No data available

## SECTION 11: Toxicological information

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

| **Alkohol C16-C18, ethoxyliert** CAS No.: 68439-49-6 |
|---|
| **$LD_{50}$ oral:** >2,000 mg/kg (rat) |
| **$LD_{50}$ dermal:** >5,000 mg/kg (Rat) |

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

**Germ cell mutagenicity:**
Based on available data, the classification criteria are not met.

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

**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 |
|---|
| **$LC_{50}$:** 1 – 10 mg/L 4 d (fish, Leuciscus idus) OECD 203 |
| **$EC_{50}$:** >1 – 10 mg/L 2 d (Daphnia magna) |
| **$EC_{50}$:** >10 – 100 mg/L (Algae/water plant) |
| **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); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)** CAS No.: 55965-84-9 |
| **$LC_{50}$:** 0.0052 mg/L 4 d (Onchorhyncus mykiss) OECD 203 |
| **$EC_{50}$:** 0.048 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) OECD 201 |
| **NOEC:** 0.00064 mg/L 21 d (crustaceans) OECD 211 |

### 12.2. Persistence and degradability

| **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); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)** CAS No.: 55965-84-9 |
|---|
| **Biodegradation:** Yes, rapidly |

### 12.3. Bioaccumulative potential

| **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); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)** CAS No.: 55965-84-9 |
|---|
| **Log $K_{OW}$:** 117 |
| **Bioconcentration factor (BCF):** 3.16 |

### 12.4. Mobility in soil

water hazard class 2, obviously hazardous to water,
Do not allow to enter into surface water or drains.

### 12.5. Results of PBT and vPvB assessment

| **Alkohol C16-C18, ethoxyliert** CAS No.: 68439-49-6 |
|---|
| **Results of PBT and vPvB assessment:** — |
| **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); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)** CAS No.: 55965-84-9 |
| **Results of PBT and vPvB assessment:** — |

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

### Waste treatment options

**Appropriate disposal / Product:**

Consult the appropriate local waste disposal expert about waste disposal.

## SECTION 14: Transport information

| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|---|---|---|---|
| **14.1. UN number or ID number** | | | |
| 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. |
| **14.2. UN proper shipping name** | | | |
| 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. |
| **14.3. Transport hazard class(es)** | | | |
| not relevant | not relevant | not relevant | not relevant |
| **14.4. Packing group** | | | |
| not relevant | not relevant | not relevant | not relevant |
| **14.5. Environmental hazards** | | | |
| not relevant | not relevant | not relevant | not relevant |

| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|---|---|---|---|
| **14.6. Special precautions for user** | | | |
| 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

#### 15.1.2. National regulations
**[DE] National regulations**

**Water hazard class**

**WGK:**
2 - deutlich wassergefährdend

### 15.2. Chemical Safety Assessment
No data available

## 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
No data available

### 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. Relevant R-, H- and EUH-phrases (Number and full text)

| 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