

# SAFETY DATA SHEET

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

Revision date: 12 Feb 2024

Print date: 12 Feb 2024

Version: 3

**DEUREX**<sup>®</sup>  
THE WAX COMPANY

## DEUREX T 3908 W

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

#### 1.1. Product identifier

Trade name/designation:

DEUREX T 3908 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]

| Hazard classes and hazard categories              | Hazard statements                | Classification procedure |
|---|----------------------------------|--------------------------|
| Serious eye damage/eye irritation<br>(Eye Dam. 1) | H318: Causes serious eye damage. | Calculation method.      |

#### 2.2. Label elements

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

Hazard pictograms:



**GHS05**

Corrosion

**Signal word:** Danger

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### Hazard components for labelling:

Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG-Nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on [EG-Nr. 220-239-6] (3:1); Alkohole, C11-11-iso, C13-reich, ethoxyliert; 2-Brom-2-nitropropan-1,3-diol

#### Hazard statements for health hazards

H318 Causes serious eye damage.

#### Supplemental hazard information

EUH208 Contains Mixture of: 5-chloro-2-methyl-2H-isothiazol-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.

#### Precautionary statements Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/....

#### Precautionary statements Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor/....

### 2.3. Other hazards

No data available




## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Description:

Fischer-Tropsch wax Dispersion

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

| Product identifiers  | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP]  | Concentration             |
|--|---|---------------------------|
| CAS No.: 78330-21-9  | <b>Alkohole, C11-11-iso, C13-reich, ethoxyliert</b><br>Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Eye Dam. 1 (H318)<br>  | 2 - < 3.4<br>weight-%     |
| CAS No.: 52-51-7<br>EC No.: 200-143-0<br>Index No.: 603-085-00-8<br>REACH No.:<br>01-2119980938-15 | <b>bronopol</b><br>Acute Tox. 4 (H312, H302), Aquatic Acute 1 (H400),<br>Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), STOT SE 3 (H335),<br>Skin Irrit. 2 (H315)<br><br>M-factor (acute): 10 M-factor (chronic): 1  | 0 - ≤ 0.01<br>weight-%    |
| CAS No.: 55965-84-9<br>Index No.: 613-167-00-5<br>REACH No.:<br>01-2120764691-48                   | <b>Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b><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><br>M-factor (acute): 100 M-factor (chronic): 100<br><b>Specific concentration limit (SCL)</b><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 - ≤ 0.00115<br>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.

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If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

### 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 drunk in little sips (dilution effect). Get medical advice/attention if you feel unwell.

### Self-protection of the first aider:

Use personal protection equipment.

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

Serious eye damage/eye irritation

## 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:

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.

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### 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).

##### Environmental precautions:

Do not allow to enter into surface water or drains.

##### 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:

Do not allow to enter into surface water or drains.

#### 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

In the case of wanting to use the gloves again, clean them before taking off and air them well. Suitable material: Breakthrough time: min 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: not determined

Odour: not determined

##### Safety relevant basis data

| Parameter                               | Value             | at °C | ① Method<br>② Remark |
|---|-------------------|-------|----------------------|
| pH                                      | No data available |       |                      |
| Melting point                           | No data available |       |                      |
| Freezing point                          | No data available |       |                      |
| Initial boiling point and boiling range | 100 °C            |       |                      |
| Flash point                             | No data available |       |                      |
| Evaporation rate                        | No data available |       |                      |
| Auto-ignition temperature               | No data available |       |                      |

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| Parameter                                    | Value                 | at °C | ① Method<br>② Remark |
|--|-----------------------|-------|----------------------|
| Upper/lower flammability or explosive limits | No data available     |       |                      |
| Vapour pressure                              | No data available     |       |                      |
| Vapour density                               | No data available     |       |                      |
| Density                                      | < 1 g/cm <sup>3</sup> | 23 °C |                      |
| Bulk density                                 | not applicable        |       |                      |
| Water solubility                             | No data available     |       |                      |
| Dynamic viscosity                            | No data available     |       |                      |
| Kinematic viscosity                          | No data available     |       |                      |
| Solid content                                | 44 - 46 weight-%      |       |                      |

### 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 known hazardous reactions.

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 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

|   |
|---|
| <b>Synthetic hard wax</b> CAS No.: 8002-74-2 EC No.: 232-315-6  |
| <b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (Rat)   |
| <b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Rat)   |
| <b>bronopol</b> CAS No.: 52-51-7 EC No.: 200-143-0  |
| <b>LD<sub>50</sub> oral:</b> 193 mg/kg (rat)  |
| <b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (rat) OECD Guideline 402 (Acute Dermal Toxicity)  |
| <b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> >0.12 - <1.14 mg/L 4 h (rat)  |
| <b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3  |
| <b>LD<sub>50</sub> oral:</b> ≥1,267 - ≤5,200 mg/kg (rat) OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)                              |
| <b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg (rat) OECD Guideline 402 (Acute Dermal Toxicity)  |
| <b>Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</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.

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### 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:

Causes serious eye damage.

### Respiratory or skin sensitisation:

Contains Mixture of: 5-chloro-2-methyl-2H-isothiazol-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.

### 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

|   |
|---|
| <b>Synthetic hard wax</b> CAS No.: 8002-74-2 EC No.: 232-315-6  |
| <b>LC<sub>50</sub></b> : >100 mg/L 4 d (Pimephales promelas)  |
| <b>EC<sub>50</sub></b> : >10,000 mg/L 2 d (Daphnia, Gammarus pulex)   |
| <b>EC<sub>50</sub></b> : >100 mg/L 3 d  |
| <b>NOEC</b> : 10 mg/L 21 d (Daphnia magna)  |
| <b>NOEC</b> : ≥1,000 mg/L 28 d (Oncorhynchus mykiss)  |
| <b>NOEC</b> : >2.17 mg/L  |
| <b>bronopol</b> CAS No.: 52-51-7 EC No.: 200-143-0  |
| <b>LC<sub>50</sub></b> : 3 mg/L 4 d (Regenbogenforelle) OECD 203  |
| <b>LC<sub>50</sub></b> : 11 mg/L 4 d (fish, Lepomis macrochirus) OECD Guideline 203 (Fish, Acute Toxicity Test)   |
| <b>EC<sub>50</sub></b> : 0.068 mg/L 3 d OECD 201  |
| <b>EC<sub>50</sub></b> : 0.026 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)) OECD Guideline 201 (Alga, Growth Inhibition Test) |
| <b>EC<sub>50</sub></b> : 1.4 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)   |
| <b>NOEC</b> : 0.0025 mg/L 3 d OECD 201  |
| <b>NOEC</b> : 0.052 mg/L 3 d (Algae/water plant, Skeletonema costatum) OECD Guideline 201 (Alga, Growth Inhibition Test)  |
| <b>NOEC</b> : >20 mg/L 4 d (fish, Lepomis macrochirus) EPA OPP 72-1 (Fish Acute Toxicity Test)  |
| <b>NOEC</b> : 2.61 mg/L 28 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) OECD Guideline 215 (Fish, Juvenile Growth Test)                                       |
| <b>NOEC</b> : 0.27 mg/L 21 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)  |
| <b>LOEC</b> : 0.88 mg/L 21 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)  |

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|   |
|---|
| <b>sodium nitrate</b> CAS No.: 7631-99-4 EC No.: 231-554-3  |
| <b>EC<sub>50</sub></b> : >1,700 mg/L 10 d (Algae/water plant, several benthic diatoms; see results)   |
| <b>Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> CAS No.: 55965-84-9           |
| <b>LC<sub>50</sub></b> : 0.0052 mg/L 4 d (Onchorhynchus mykiss) OECD 203  |
| <b>LC<sub>50</sub></b> : 0.19 mg/L 4 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) EPA OPP 72-1 (Fish Acute Toxicity Test)                         |
| <b>LC<sub>50</sub></b> : 0.18 mg/L 2 d (crustaceans, Daphnia magna) EPA OPP 72-2 (Aquatic Invertebrate Acute Toxicity Test)   |
| <b>LC<sub>50</sub></b> : 0.282 mg/L 4 d (crustaceans, Americamysis bahia (previous name: Mysidopsis bahia)) EPA OPPTS 850.1035 (Mysid Acute Toxicity Test)          |
| <b>EC<sub>50</sub></b> : 0.048 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) OECD 201   |
| <b>EC<sub>50</sub></b> : 0.0181 mg/L 2 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)) |
| <b>EC<sub>50</sub></b> : 0.0063 mg/L 3 d (Algae/water plant, Skeletonema costatum)  |
| <b>EC<sub>50</sub></b> : 0.0357 mg/L 4 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)) |
| <b>EC<sub>50</sub></b> : 0.099 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)                                     |
| <b>NOEC</b> : 0.00064 mg/L 21 d (crustaceans) OECD 211  |
| <b>NOEC</b> : 0.00049 mg/L 2 d (Algae/water plant, Skeletonema costatum)  |
| <b>NOEC</b> : 0.0014 mg/L 3 d (Algae/water plant, Skeletonema costatum)   |
| <b>NOEC</b> : 0.13 mg/L 4 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) EPA OPP 72-1 (Fish Acute Toxicity Test)                                    |
| <b>NOEC</b> : 0.098 mg/L 28 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) OECD Guideline 215 (Fish, Juvenile Growth Test)                          |
| <b>NOEC</b> : 0.1 mg/L 21 d (crustaceans, Daphnia magna) EPA OPP 72-4 (Fish Early Life-Stage and Aquatic Invertebrate Life-Cycle Studies)                           |
| <b>LOEC</b> : 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

|   |
|---|
| <b>bronopol</b> CAS No.: 52-51-7 EC No.: 200-143-0  |
| <b>Biodegradation</b> : Yes, rapidly  |
| <b>Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> CAS No.: 55965-84-9 |
| <b>Biodegradation</b> : Yes, rapidly  |

### 12.3. Bioaccumulative potential

|   |
|---|
| <b>bronopol</b> CAS No.: 52-51-7 EC No.: 200-143-0  |
| <b>Log K<sub>OW</sub></b> : 107   |
| <b>Bioconcentration factor (BCF)</b> : 3.16   |
| <b>Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b> CAS No.: 55965-84-9 |
| <b>Log K<sub>OW</sub></b> : 117   |
| <b>Bioconcentration factor (BCF)</b> : 3.16   |

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

|  |
|--|
| <b>Synthetic hard wax</b> CAS No.: 8002-74-2 EC No.: 232-315-6   |
| <b>Results of PBT and vPvB assessment</b> : —  |
| <b>Alkohole, C11-11-iso, C13-reich, ethoxyliert</b> CAS No.: 78330-21-9  |
| <b>Results of PBT and vPvB assessment</b> : —  |
| <b>bronopol</b> CAS No.: 52-51-7 EC No.: 200-143-0   |
| <b>Results of PBT and vPvB assessment</b> : This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII. |

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**sodium nitrate** CAS No.: 7631-99-4 EC No.: 231-554-3

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)** CAS No.: 55965-84-9

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 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

#### 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)                         |
|--|--|--|--|
| <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

#### 15.1.2. National regulations

##### [DE] National regulations

#### Water hazard class

##### WGK:

1 - slightly hazardous to water

### 15.2. Chemical Safety Assessment

No data available



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### SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

|                  |   |
|------------------|---|
| ACGIH            | American Conference of Governmental Industrial Hygienists                                       |
| ADN              | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR              | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| BCF              | Bioconcentration Factor   |
| CAS              | Chemical Abstracts Service  |
| CLP              | Classification, Labelling and Packaging   |
| DIN              | German Institute for Standardization / German Industrial Standard                               |
| DNEL             | derived no-effect level   |
| EC <sub>50</sub> | Effective Concentration 50%   |
| EN               | European Standard   |
| ES               | Exposure scenario   |
| ICAO             | International Civil Aviation Organization   |
| IMDG             | International Maritime Dangerous Goods  |
| IMO              | International Maritime Organization   |
| LC <sub>50</sub> | Lethal (fatal) Concentration 50%  |
| LD <sub>50</sub> | Lethal (fatal) Dose 50%   |
| MAK              | Maximum concentration in the workplace air (CH)   |
| NFPA             | National Fire Protection Association  |
| NIOSH            | National Institute for Occupational Safety & Health   |
| NOEC             | No Observed Effect Concentration  |
| OECD             | Organisation for Economic Cooperation and Development   |
| PBT              | persistent and bioaccumulative and toxic  |
| PNEC             | Predicted No Effect Concentration   |
| REACH            | Registration, Evaluation and Authorization of Chemicals   |
| RID              | Dangerous goods regulations for transport by rail   |
| SCL              | Specific concentration limit  |
| UN               | United Nations  |

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

| Substance name   | Type  | source of supply  |
|--|---|---|
| <b>bronopol</b><br>CAS No.: 52-51-7<br>EC No.: 200-143-0   | LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub><br>Acute inhalation toxicity (dust/<br>mist); LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC | Source: European Chemicals Agency,<br><a href="http://echa.europa.eu/">http://echa.europa.eu/</a> |
| <b>sodium nitrate</b><br>CAS No.: 7631-99-4<br>EC No.: 231-554-3   | LD <sub>50</sub> oral; LD <sub>50</sub> dermal; EC <sub>50</sub>  | Source: European Chemicals Agency,<br><a href="http://echa.europa.eu/">http://echa.europa.eu/</a> |
| <b>Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</b><br>CAS No.: 55965-84-9 | LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub><br>Acute inhalation toxicity (dust/<br>mist); LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC | Source: European Chemicals Agency,<br><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]

| Hazard classes and hazard categories              | Hazard statements                | Classification procedure |
|---|----------------------------------|--------------------------|
| Serious eye damage/eye irritation<br>(Eye Dam. 1) | H318: Causes serious eye damage. | Calculation method.      |

# SAFETY DATA SHEET

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

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## DEUREX T 3908 W

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

| Hazard statements |   |
|-------------------|---|
| H301              | Toxic if swallowed.                                   |
| H302              | Harmful if swallowed.                                 |
| H310              | Fatal in contact with skin.                           |
| H312              | Harmful 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.                                     |
| H335              | May cause respiratory irritation.                     |
| H400              | Very toxic to aquatic life.                           |
| H410              | Very toxic to aquatic life with long lasting effects. |
| H412              | Harmful 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