

# SAFETY DATA SHEET

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

Revision date: 9 Mar 2026

Print date: 9 Mar 2026

Version: 4

# DEUREX

THE WAX COMPANY

## DEUREX H 9415 M

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

#### 1.1. Product identifier

Trade name/designation:

DEUREX H 9415 M

#### 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:** none

**Precautionary statements:** none

#### 2.3. Other hazards

No data available

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Description:**

Hybrid wax

**Additional information:**

Micronized Powder

### 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.

### **Following inhalation:**

Provide fresh air.

### **After eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

### **Following ingestion:**

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

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

May cause respiratory irritation. 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**

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

Water, Foam, Dry extinguishing powder

#### **Unsuitable extinguishing media:**

Strong water jet, Full water jet

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

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

#### **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:**

Collect spillage. Measures to prevent aerosol and dust generation Wet clean or vacuum up solids.

#### **For cleaning up:**

Water (with cleaning agent)

### **6.4. Reference to other sections**

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

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### 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). Do not breathe dust.

##### Fire prevent measures:

Avoid:electrostatic discharge. Avoid dust formation. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

##### Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin. Additional measures for respiratory protection

High efficiency particulate air filter (HEPA filter)

##### 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.

**Storage class (TRGS 510, Germany):** 11 - Combustible solids that cannot be assigned to any of the above storage classes

#### Further information on storage conditions:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Can be stored for at least 24 months if stored under the correct conditions.

### 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.

##### Respiratory protection:

Particle filter device (EN 143)

#### 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:** solid

**Form:** Powder

**Colour:** white

**Odour:** not determined

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flammability: No data available

### Safety relevant basis data

| Parameter                               | Value                      | ① Method<br>② Remark |
|---|----------------------------|----------------------|
| pH                                      | <i>not applicable</i>      |                      |
| Melting point                           | <i>No data available</i>   |                      |
| Freezing point                          | <i>No data available</i>   |                      |
| Initial boiling point and boiling range | <i>No data available</i>   |                      |
| Evaporation rate                        | <i>No data available</i>   |                      |
| Vapour pressure                         | <i>No data available</i>   |                      |
| Density                                 | 0.97 - 1 g/cm <sup>3</sup> |                      |
| Bulk density                            | <i>No data available</i>   |                      |
| Water solubility                        | <i>No data available</i>   |                      |
| Drop point/drop range                   | 135 - 145 °C               |                      |

### particle characteristics:

Micronized Powder

### 9.2. Other information

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

#### 9.2.2. Other safety characteristics

| Parameter          | Value | ① Method<br>② Remark |
|--------------------|-------|----------------------|
| Dust explosibility | St1   |                      |

## 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

dust explosive

### 10.4. Conditions to avoid

Safe handling: see section 7

### 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>N,N'-ethylenedi(stearamide)</b> CAS No.: 110-30-5 EC No.: 203-755-6                          |
| <b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (rat) OECD 401  |
| <b>LD<sub>50</sub> dermal:</b> >15,380 mg/kg (rat) OECD 401                                     |
| <b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> >2,000 mg/L 4 h (rabbit) OECD 402 |

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### 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

|  |
|--|
| <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>N,N'-ethylenedi(stearamide)</b> CAS No.: 110-30-5 EC No.: 203-755-6     |
| <b>LC<sub>50</sub>:</b> >300 mg/L 2 d                                      |
| <b>LC<sub>50</sub>:</b> 39.8 mg/L 4 d OECD 203                             |
| <b>LC<sub>50</sub>:</b> >0.027 mg/L 4 d (fish) no data                     |
| <b>EC<sub>50</sub>:</b> >0.053 mg/L 3 d (Algae/water plant) no data        |
| <b>EC<sub>50</sub>:</b> >0.002 mg/L 2 d (crustaceans, Daphnia sp.) no data |
| <b>NOEC:</b> >100 mg/L 21 d (daphnia magna) OECD 211                       |
| <b>NOEC:</b> >0.053 mg/L 3 d (Algae/water plant) no data                   |
| <b>NOEC:</b> >0.006 mg/L 21 d (crustaceans, Daphnia sp.) no data           |

### 12.2. Persistence and degradability

No data available

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### 12.3. Bioaccumulative potential

**N,N'-ethylenedi(stearamide)** CAS No.: 110-30-5 EC No.: 203-755-6

Log K<sub>ow</sub>: 13.98

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

**Synthetic hard wax** CAS No.: 8002-74-2 EC No.: 232-315-6

Results of PBT and vPvB assessment: —

**N,N'-ethylenedi(stearamide)** CAS No.: 110-30-5 EC No.: 203-755-6

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

Consult the appropriate local waste disposal expert about waste disposal.

### 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

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### 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

## 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             |
| CAS   | Chemical Abstracts Service  |
| CLP   | Classification, Labelling and Packaging   |
| DIN   | German Institute for Standardization / German Industrial Standard                               |
| DNEL  | derived no-effect level   |
| EN    | European Standard   |
| ES    | Exposure scenario   |
| HEPA  | High Efficiency Particulate Air   |
| ICAO  | International Civil Aviation Organization   |
| IMDG  | International Maritime Dangerous Goods  |
| IMO   | International Maritime Organization   |
| NFPA  | National Fire Protection Association  |
| NIOSH | National Institute for Occupational Safety & Health   |
| 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   |
| TRGS  | Technische Regeln für Gefahrstoffe  |
| UN    | United Nations  |

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

| Substance name   | Type                                       | source of supply  |
|--|--|---|
| <b>N,N'-ethylenedi(stearamide)</b><br>CAS No.: 110-30-5<br>EC No.: 203-755-6 | LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC | 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]

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

No data available

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available