

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026

Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

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

#### 1.1. Product identifier

Trade name/designation:

**BIOMER 98 E**

#### 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
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	Calculation method.
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	Calculation method.

#### 2.2. Label elements

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

Hazard pictograms:



**GHS07**

Exclamation mark

**Signal word:** Warning

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026

Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

### Hazard components for labelling:

Alcohols, C12-14

#### Hazard statements for health hazards

H315	Causes skin irritation.
H319	Causes serious eye irritation.

#### 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), 1,2-Benzisothiazol-3-one. May produce an allergic reaction.
--------	--

#### Precautionary statements Prevention

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

#### Precautionary statements Response

P302 + P352	IF ON SKIN: Wash with plenty of water/...
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see ... on this label).
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures



#### Description:

emulsion

#### Additional information:

Biodegradable.

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

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 68439-50-9	<b>Alcohols, C12-14</b> Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Eye Dam. 1 (H318)  Danger <b>Specific concentration limit (SCL)</b> Eye Dam. 1; H318: C ≥ 10% Eye Irrit. 2; H319: 1% ≤ C < 10% <b>Acute Toxicity Estimate</b> ATE (oral) 1,999 mg/kg	5 - ≤ 9 weight-%
CAS No.: 52-51-7 EC No.: 200-143-0 Index No.: 603-085-00-8 REACH No.: 01-2119980938-15	<b>bronopol</b> Acute Tox. 4 (H312, H302), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), STOT SE 3 (H335), Skin Irrit. 2 (H315)  Danger M-factor (acute): 10 M-factor (chronic): 1 <b>Acute Toxicity Estimate</b> ATE (oral) 193 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, dust/mist) > 0.12 - < 1.14 mg/L	0 - ≤ 0.01 weight-%

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026



Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 2634-33-5 EC No.: 220-120-9 Index No.: 613-088-00-6 REACH No.: 01-2120761540-60	<b>1,2-Benzisothiazol-3-one</b> Acute Tox. 2 (H330), Acute Tox. 4 (H302), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Irrit. 2 (H315), Skin Sens. 1A (H317)  Danger M-factor (acute): 1 M-factor (chronic): 1 <b>Specific concentration limit (SCL)</b> Skin Sens. 1; H317: C ≥ 0.036% <b>Acute Toxicity Estimate</b> ATE (oral) 450 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, dust/mist) 0.21 mg/L	0 - ≤ 0.005 weight-%
CAS No.: 55965-84-9 EC No.: 911-418-6 Index No.: 613-167-00-5 REACH No.: 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> 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) 66 mg/kg ATE (dermal) > 1,008 mg/kg ATE (inhalation, dust/mist) 0.33 mg/L	0 - ≤ 0.00115 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.

#### In case of skin contact:

Wash with plenty of water/soap. 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:

Rinse immediately carefully and thoroughly with eye-bath or water. 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 drunken 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

Skin corrosion/irritation Serious eye damage/eye irritation

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

Treat symptomatically.

# SAFETY DATA SHEET

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

**Revision date:** 4 Jun 2026

**Print date:** 4 Jun 2026

**Version:** 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media:**

Water, Foam, Dry extinguishing powder, Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media:**

Full water jet

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

The product itself does not burn.

**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.

### 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).

**Fire prevent measures:**

No special measures are necessary.

**Environmental precautions:**

Shafts and sewers must be protected from entry of the product.

**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.

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026

Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

Avoid high temperatures or direct sunlight.

### Requirements for storage rooms and vessels:

storage temperature: 5-30°C

Do not freeze.

**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:

Protect against: Frost, Heat

Can be stored for at least 6 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

#### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
DFG (DE) from 1 Jul 2024	<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 EC No.: 911-418-6	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: PVC. Chloroprenkautschuk. Nitrilkautschuk. Butylkautschuk.

Breakthrough time: > 480 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:** whitish

**Odour:** not determined

**flammability:** No

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026

Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	8 - 10		
Melting point	No data available		
Freezing point	0 °C		
Initial boiling point and boiling range	No data available		
Flash point	not applicable		
Evaporation rate	No data available		
Auto-ignition temperature	not applicable		
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>		
Bulk density	not applicable		
Water solubility	No data available		
Dynamic viscosity	≈ 150 cP	23 °C	
Kinematic viscosity	No data available		
Solid content	34 - 36		

### 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. The product itself does not burn.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

exposure to cold. Do not freeze, Heat

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

## SECTION 11: Toxicological information

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

**Alcohols, C12-14** CAS No.: 68439-50-9

**LD<sub>50</sub> oral:** 1,999 mg/kg (Ratte)

**bronopol** CAS No.: 52-51-7 EC No.: 200-143-0

**LD<sub>50</sub> oral:** 193 mg/kg (rat)

**LD<sub>50</sub> dermal:** >2,000 mg/kg (rat) OECD Guideline 402 (Acute Dermal Toxicity)

**LC<sub>50</sub> Acute inhalation toxicity (dust/mist):** >0.12 - <1.14 mg/L 4 h (rat)

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026

Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

**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 EC No.: 911-418-6

**LD<sub>50</sub> oral:** 66 mg/kg (rat) EPA OPP 81-1 (Acute Oral Toxicity)

**LD<sub>50</sub> dermal:** >1,008 mg/kg (rat) EPA OPP 81-2 (Acute Dermal Toxicity)

**LC<sub>50</sub> Acute inhalation toxicity (dust/mist):** 0.33 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:

Causes skin irritation.

### Serious eye damage/irritation:

Causes serious eye irritation.

### Respiratory or skin sensitisation:

Contains Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] un, 1,2-Benzisothiazol-3-one. 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

**Alcohols, C12-14** CAS No.: 68439-50-9

**EC<sub>50</sub>:** 2.6 mg/L 4 d (fish, Brachydanio rerio)

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026

Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

<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, <i>Lepomis macrochirus</i> ) 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, <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )) OECD Guideline 201 (Alga, Growth Inhibition Test)
<b>EC<sub>50</sub></b> : 1.4 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 202 ( <i>Daphnia</i> 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, <i>Skeletonema costatum</i> ) OECD Guideline 201 (Alga, Growth Inhibition Test)
<b>NOEC</b> : >20 mg/L 4 d (fish, <i>Lepomis macrochirus</i> ) EPA OPP 72-1 (Fish Acute Toxicity Test)
<b>NOEC</b> : 2.61 mg/L 28 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )) OECD Guideline 215 (Fish, Juvenile Growth Test)
<b>NOEC</b> : 0.27 mg/L 21 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 211 ( <i>Daphnia magna</i> Reproduction Test)
<b>LOEC</b> : 0.88 mg/L 21 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 211 ( <i>Daphnia magna</i> Reproduction Test)
<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 EC No.: 911-418-6
<b>LC<sub>50</sub></b> : 0.0052 mg/L 4 d ( <i>Onchorhynchus mykiss</i> ) OECD 203
<b>LC<sub>50</sub></b> : 0.07 mg/L 14 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )) OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)
<b>LC<sub>50</sub></b> : 0.282 mg/L 4 d (crustaceans, <i>Americamysis bahia</i> (previous name: <i>Mysidopsis bahia</i> )) EPA OPPTS 850.1035 (Mysid Acute Toxicity Test)
<b>EC<sub>50</sub></b> : 0.048 mg/L 3 d (Algae/water plant, <i>Pseudokirchneriella subcapitata</i> ) OECD 201
<b>EC<sub>50</sub></b> : 0.0063 mg/L 3 d (Algae/water plant, <i>Skeletonema costatum</i> ) OECD Guideline 201 (Alga, Growth Inhibition Test)
<b>EC<sub>50</sub></b> : 0.099 mg/L 2 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 202 ( <i>Daphnia</i> 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, <i>Skeletonema costatum</i> ) OECD Guideline 201 (Alga, Growth Inhibition Test)
<b>NOEC</b> : ≥0.0464 mg/L 35 d (fish, <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i> )) OECD Guideline 210 (Fish, Early-Life Stage Toxicity Test)
<b>NOEC</b> : 0.004 mg/L 21 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 211 ( <i>Daphnia magna</i> Reproduction Test)
<b>LOEC</b> : 0.144 mg/L 28 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )) OECD Guideline 215 (Fish, Juvenile Growth Test)
<b>LOEC</b> : 0.012 mg/L 21 d (crustaceans, <i>Daphnia magna</i> ) OECD Guideline 211 ( <i>Daphnia magna</i> Reproduction 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 EC No.: 911-418-6
<b>Biodegradation:</b> Yes, rapidly

#### Biodegradation:

Biodegradable. (OECD 301 B)

### 12.3. Bioaccumulative potential

<b>Alcohols, C12-14</b> CAS No.: 68439-50-9
<b>Bioconcentration factor (BCF):</b> < 500
<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 EC No.: 911-418-6
<b>Log K<sub>ow</sub>:</b> 117
<b>Bioconcentration factor (BCF):</b> 3.16

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026

Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

**Alcohols, C12-14** CAS No.: 68439-50-9

**Results of PBT and vPvB assessment:** —

**bronopol** CAS No.: 52-51-7 EC No.: 200-143-0

**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 EC No.: 911-418-6

**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

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

##### Authorisations:

This product has been tested according to OECD 301 B and is readily biodegradable.

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026

Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

It therefore meets the requirements for exemptions under Regulation (EU) 2023/2055 ('Microplastics Regulation') and is not subject to the restrictions under REACH Annex XVII Entry 78.

### 15.1.2. National regulations

 [DE] National regulations

#### Water hazard class

##### WGK:

2 - obviously 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
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
ISO	International Standards Organisation
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
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

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

Substance name	Type	source of supply
<b>bronopol</b> CAS No.: 52-51-7 EC No.: 200-143-0	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>
<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 EC No.: 911-418-6	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>

# SAFETY DATA SHEET

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

Revision date: 4 Jun 2026

Print date: 4 Jun 2026

Version: 1

# DEUREX

THE WAX COMPANY

## BIOMER 98 E

### 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
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	Calculation method.
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	Calculation method.

### 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