

SAFETY DATA SHEET

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

Revision date: 15 Dec 2025

Print date: 15 Dec 2025

Version: 3

DEUREX

THE WAX COMPANY

BIOMER 130 D

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

1.1. Product identifier

Trade name/designation:

BIOMER 130 D

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 (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:

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); Alcohols, C11-14-iso-, C13-rich, ethoxylated; bronopol

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:

wax Dispersion

Additional information:

Biodegradable.

Hazardous ingredients / Hazardous impurities / Stabilisers:

| Product identifiers | Substance name Classification according to Regulation (EC) No 1272/2008 [CLP] | Concentration |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| CAS No.: 78330-21-9 | Alcohols, C11-14-iso-, C13-rich, ethoxylated Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Eye Dam. 1 (H318)   Danger Acute Toxicity Estimate ATE (oral) 500 mg/kg | 2 - < 3.52 weight-% |
| CAS No.: 52-51-7 EC No.: 200-143-0 Index No.: 603-085-00-8 REACH No.: 01-2119980938-15 | bronopol 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 Acute Toxicity Estimate 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-% |

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| Product identifiers | Substance name Classification according to Regulation (EC) No 1272/2008 [CLP] | Concentration |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| CAS No.: 55965-84-9 EC No.: 911-418-6 Index No.: 613-167-00-5 REACH No.: 01-2120764691-48 | 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) 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 Specific concentration limit (SCL) Skin Corr. 1C; H314: $C \geq 0.6\%$ Skin Irrit. 2; H315: $0.06\% \leq C < 0.6\%$ Eye Dam. 1; H318: $C \geq 0.6\%$ Eye Irrit. 2; H319: $0.06\% \leq C < 0.6\%$ Skin Sens. 1A; H317: $C \geq 0.0015\%$ Acute Toxicity Estimate ATE (oral) 200 mg/kg ATE (dermal) > 1,008 mg/kg ATE (inhalation, dust/mist) 0.171 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. 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 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

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.

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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).

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.

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 | 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 | 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 | ① 0.2 mg/m ³ 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.

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: Dispersion

Colour: whitish

Odour: not determined

flammability: No data available

Safety relevant basis data

| Parameter | Value | ① Method ② Remark |
|----------------------------------------------|-------------------|----------------------|
| pH | No data available | |
| Melting point | No data available | |
| Freezing point | No data available | |
| Initial boiling point and boiling range | No data available | |
| Flash point | No data available | |
| Evaporation rate | No data available | |
| Auto-ignition temperature | No data available | |
| Upper/lower flammability or explosive limits | No data available | |
| Vapour pressure | No data available | |

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| Parameter | Value | ① Method ② Remark |
|---------------------|-----------------------|----------------------|
| Vapour density | No data available | |
| Density | < 1 g/cm ³ | |
| Bulk density | not applicable | |
| Water solubility | No data available | |
| Dynamic viscosity | No data available | |
| Kinematic viscosity | No data available | |
| Solid content | 34 - 36 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 data available

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

| |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synthetic hard wax CAS No.: 8002-74-2 EC No.: 232-315-6 |
| LD₅₀ oral: >5,000 mg/kg (Rat) |
| LD₅₀ dermal: >2,000 mg/kg (Rat) |
| bronopol CAS No.: 52-51-7 EC No.: 200-143-0 |
| LD₅₀ oral: 193 mg/kg (rat) |
| LD₅₀ dermal: >2,000 mg/kg (rat) OECD Guideline 402 (Acute Dermal Toxicity) |
| LC₅₀ Acute inhalation toxicity (dust/mist): >0.12 - <1.14 mg/L 4 h (rat) |
| sodium nitrate CAS No.: 7631-99-4 EC No.: 231-554-3 |
| LD₅₀ oral: ≥1,267 - ≤5,200 mg/kg (rat) OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) |
| LD₅₀ dermal: >5,000 mg/kg (rat) OECD Guideline 402 (Acute Dermal Toxicity) |
| 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 |
| LD₅₀ oral: 200 mg/kg (rat) OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) |
| LD₅₀ dermal: >1,008 mg/kg (rat) |
| LC₅₀ Acute inhalation toxicity (dust/mist): 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.

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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

| |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| bronopol CAS No.: 52-51-7 EC No.: 200-143-0 |
| LC₅₀ : 3 mg/L 4 d (Regenbogenforelle) OECD 203 |
| LC₅₀ : 11 mg/L 4 d (fish, <i>Lepomis macrochirus</i>) OECD Guideline 203 (Fish, Acute Toxicity Test) |
| EC₅₀ : 0.068 mg/L 3 d OECD 201 |
| EC₅₀ : 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) |
| EC₅₀ : 1.4 mg/L 2 d (crustaceans, <i>Daphnia magna</i>) OECD Guideline 202 (<i>Daphnia</i> sp. Acute Immobilisation Test) |
| NOEC : 0.0025 mg/L 3 d OECD 201 |
| NOEC : 0.052 mg/L 3 d (Algae/water plant, <i>Skeletonema costatum</i>) OECD Guideline 201 (Alga, Growth Inhibition Test) |
| NOEC : >20 mg/L 4 d (fish, <i>Lepomis macrochirus</i>) EPA OPP 72-1 (Fish Acute Toxicity Test) |
| NOEC : 2.61 mg/L 28 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>)) OECD Guideline 215 (Fish, Juvenile Growth Test) |
| NOEC : 0.27 mg/L 21 d (crustaceans, <i>Daphnia magna</i>) OECD Guideline 211 (<i>Daphnia magna</i> Reproduction Test) |
| LOEC : 0.88 mg/L 21 d (crustaceans, <i>Daphnia magna</i>) OECD Guideline 211 (<i>Daphnia magna</i> Reproduction Test) |
| sodium nitrate CAS No.: 7631-99-4 EC No.: 231-554-3 |
| EC₅₀ : >1,700 mg/L 10 d (Algae/water plant, several benthic diatoms; see results) |

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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

LC₅₀: 0.0052 mg/L 4 d (Onchorhynchus mykiss) OECD 203

LC₅₀: 0.19 mg/L 4 d (fish, Onchorhynchus mykiss (previous name: Salmo gairdneri)) EPA OPP 72-1 (Fish Acute Toxicity Test)

LC₅₀: 0.18 mg/L 2 d (crustaceans, Daphnia magna) EPA OPP 72-2 (Aquatic Invertebrate Acute Toxicity Test)

LC₅₀: 0.282 mg/L 4 d (crustaceans, Americamysis bahia (previous name: Mysidopsis bahia)) EPA OPPTS 850.1035 (Mysid Acute Toxicity Test)

EC₅₀: 0.048 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) OECD 201

EC₅₀: 0.0181 mg/L 2 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum))

EC₅₀: 0.0063 mg/L 3 d (Algae/water plant, Skeletonema costatum)

EC₅₀: 0.0357 mg/L 4 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum))

EC₅₀: 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, Onchorhynchus mykiss (previous name: Salmo gairdneri)) EPA OPP 72-1 (Fish Acute Toxicity Test)

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

12.2. Persistence and degradability

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

Biodegradation: Yes, rapidly

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

Biodegradation: Yes, rapidly

12.3. Bioaccumulative potential

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

Log K_{ow}: 107

Bioconcentration factor (BCF): 3.16

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

Log K_{ow}: 117

Bioconcentration factor (BCF): 3.16

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Alcohols, C11-14-iso-, C13-rich, ethoxylated CAS No.: 78330-21-9

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.

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.

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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: 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) |
|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
| 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 |
| 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

Authorisations:

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

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:

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 ₅₀ | 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 ₅₀ | Lethal (fatal) Concentration 50% |
| LD ₅₀ | 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 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| bronopol CAS No.: 52-51-7 EC No.: 200-143-0 | LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ Acute inhalation toxicity (dust/ mist); LC ₅₀ ; EC ₅₀ ; NOEC; LOEC | Source: European Chemicals Agency, http://echa.europa.eu/ |
| sodium nitrate CAS No.: 7631-99-4 EC No.: 231-554-3 | LD ₅₀ oral; LD ₅₀ dermal; EC ₅₀ | Source: European Chemicals Agency, http://echa.europa.eu/ |
| 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 ₅₀ oral; LD ₅₀ dermal; LC ₅₀ Acute inhalation toxicity (dust/ mist); LC ₅₀ ; EC ₅₀ ; NOEC; LOEC | Source: European Chemicals Agency, http://echa.europa.eu/ |

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 (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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Version: 3

DEUREX

THE WAX COMPANY

BIOMER 130 D

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