



SAFETY DATA SHEET

706 Vægdispers, Hvidpigmenteret

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

1.1. Product identifier

▼ Trade name

706 Vægdispers, Hvidpigmenteret

Product no.

706100

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture

Industrial purposes

▼ Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Beck & Jørgensen A/S

Rosenkaeret 25-29

DK-2860 Søborg

Denmark

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Contact person

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Revision

27/08/2024

SDS Version

3.0

Date of previous version

28/06/2022 (2.0)

1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP).

2.2. Label elements

▼ Hazard pictogram(s)

Not applicable.

▼ Signal word

Not applicable.

▼ Hazard statement(s)

Not applicable.

Precautionary statement(s)

General

-

Prevention

-

Response

-
Storage

-
Disposal

▼ Hazardous substances

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one; 1,2-benzisothiazolin-3-one
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

▼ Additional labelling

Not applicable.

▼ VOC

VOC content: 8 g/L

MAXIMUM VOC CONTENT (Phase II, category A/h (WB): 30 g/L)

2.3. Other hazards

▼ Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. ▼ Substances

Not applicable. This product is a mixture.

3.2. ▼ Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---|--|--------|--|------|
| Titan dioxide > 10µm | CAS No.: 13463-67-7 EC No.: 236-675-5 REACH: 01-2119489379-17 Index No.: | 3-5% | | |
| bronopol (INN);2-bromo-2-nitropropane-1,3-diol | CAS No.: 52-51-7 EC No.: 200-143-0 REACH: 01-2119980938-15-XXXX Index No.: 603-085-00-8 | <0.05% | Acute Tox. 3, H301 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 3, H331 STOT SE 3, H335 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10) | |
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one; 1,2-benzisothiazolin-3-one | CAS No.: 2634-33-5 EC No.: 220-120-9 REACH: 01-2120761540-60-XXXX Index No.: 613-088-00-6 | <0.01% | Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 (SCL: 0.036 %) Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) | |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | CAS No.: 55965-84-9 EC No.: 611-341-5 REACH: Index No.: 613-167-00-5 | <0.01% | Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 (SCL: 0.60 %) Skin Irrit. 2, H315 (SCL: 0.06 %) Skin Sens. 1, H317 (SCL: 0.0015 %) Eye Irrit. 2, H319 (SCL: 0.06 %) Acute Tox. 3, H331 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) | |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

▼ Inhalation

In case of discomfort: bring the person into fresh air.

▼ Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

▼ Eye contact

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

▼ Ingestion

Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

▼ Burns

Not applicable.

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

None known.

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

Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. ▼ Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. ▼ Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)

Some metal oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the chemical emergency services on 72 85 20 00 (24 h service) in order to obtain further advice.

Fire fighters should wear appropriate personal protective equipment.

SECTION 6: Accidental release measures

6.1. ▼ Personal precautions, protective equipment and emergency procedures

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. ▼ Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous

earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. ▼ Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. ▼ Conditions for safe storage, including any incompatibilities

Recommended storage material

Always store in containers of the same material as the original container.

▼ Storage conditions

Room temperature 18 to 23°C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. ▼ Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. ▼ Control parameters

Titan dioxide > 10µm
Long term exposure limit (8 hours) (mg/m³): 6
Short term exposure limit (15 minutes) (mg/m³): 12

Statutory order 291 on exposure limits for substances and mixtures (19/03/2024)

▼ DNEL

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one; 1,2-benzisothiazolin-3-one

| Duration: | Route of exposure: | DNEL: |
|---|--------------------|------------------------|
| Long term – Systemic effects - General population | Dermal | 345 µg/kgbw/day |
| Long term – Systemic effects - Workers | Dermal | 966 µg/kgbw/day |
| Long term – Systemic effects - General population | Inhalation | 1.2 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 6.81 mg/m ³ |

bronopol (INN); 2-bromo-2-nitropropane-1,3-diol

| Duration: | Route of exposure: | DNEL: |
|--|--------------------|-----------------------|
| Long term – Local effects - General population | Dermal | 4 µg/cm ² |
| Long term – Local effects - Workers | Dermal | 8 µg/cm ² |
| Long term – Systemic effects - General population | Dermal | 700 µg/kgbw/day |
| Long term – Systemic effects - Workers | Dermal | 2 mg/kg bw/day |
| Short term – Local effects - General population | Dermal | 4 µg/cm ² |
| Short term – Local effects - Workers | Dermal | 8 µg/cm ² |
| Short term – Systemic effects - General population | Dermal | 2.1 mg/kg bw/day |
| Short term – Systemic effects - Workers | Dermal | 6 mg/kg bw/day |
| Long term – Local effects - General population | Inhalation | 600 µg/m ³ |
| Long term – Local effects - Workers | Inhalation | 2.5 mg/m ³ |
| Long term – Systemic effects - General population | Inhalation | 600 µg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 3.5 mg/m ³ |
| Short term – Local effects - General population | Inhalation | 600 µg/m ³ |

| | | |
|--|------------|------------------------|
| Short term – Local effects - Workers | Inhalation | 2.5 mg/m ³ |
| Short term – Systemic effects - General population | Inhalation | 1.8 mg/m ³ |
| Short term – Systemic effects - Workers | Inhalation | 10.5 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 180 µg/kgbw/day |
| Short term – Systemic effects - General population | Oral | 500 µg/kgbw/day |

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

| Duration: | Route of exposure: | DNEL: |
|--|---------------------------|----------------------|
| Long term – Local effects - General population | Inhalation | 20 µg/m ³ |
| Long term – Local effects - Workers | Inhalation | 20 µg/m ³ |
| Short term – Local effects - General population | Inhalation | 40 µg/m ³ |
| Short term – Local effects - Workers | Inhalation | 40 µg/m ³ |
| Long term – Systemic effects - General population | Oral | 90 µg/kgbw/day |
| Short term – Systemic effects - General population | Oral | 110 µg/kgbw/day |

Titan dioxide > 10µm

| Duration: | Route of exposure: | DNEL: |
|---|---------------------------|----------------------|
| Long term – Local effects - Workers | Inhalation | 10 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 700 mg/kg bw/day |

▼ PNEC

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one; 1,2-benzisothiazolin-3-one

| Route of exposure: | Duration of Exposure: | PNEC: |
|-------------------------------------|------------------------------|--------------|
| Freshwater | | 4.03 µg/L |
| Freshwater sediment | | 49.9 µg/kg |
| Intermittent release (freshwater) | | 1.1 µg/L |
| Intermittent release (marine water) | | 110 ng/L |
| Marine water | | 403 ng/L |
| Marine water sediment | | 4.99 µg/kg |
| Sewage treatment plant | | 1.03 mg/L |
| Soil | | 3 mg/kg |

bronopol (INN); 2-bromo-2-nitropropane-1,3-diol

| Route of exposure: | Duration of Exposure: | PNEC: |
|-----------------------------------|------------------------------|--------------|
| Freshwater | | 1.25 µg/L |
| Freshwater sediment | | 21.5 µg/kg |
| Intermittent release (freshwater) | | 265 ng/L |
| Marine water | | 520 ng/L |
| Marine water sediment | | 8.944 µg/kg |
| Sewage treatment plant | | 430 µg/L |
| Soil | | 210 µg/kg |

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

| Route of exposure: | Duration of Exposure: | PNEC: |
|-------------------------------------|------------------------------|--------------|
| Freshwater | | 3.39 µg/L |
| Freshwater sediment | | 27 µg/kg |
| Intermittent release (freshwater) | | 3.39 µg/L |
| Intermittent release (marine water) | | 3.39 µg/L |
| Marine water | | 3.39 µg/L |

| | |
|--------------------------------|------------------------------|
| Marine water sediment | 27 µg/kg |
| Sewage treatment plant | 230 µg/L |
| Soil | 10 µg/kg |
| Titan dioxide > 10µm | |
| Route of exposure: | Duration of Exposure: |
| Freshwater | - |
| Freshwater sediment | - |
| Intermittent release | - |
| Marine water | - |
| Marine water sediment | - |
| Sewage treatment plant | - |
| Soil | - |
| | PNEC: |
| | 0,184 mg/l |
| | 1000 mg/l |
| | 0,193 mg/l |
| | 0,0184 mg/l |
| | 100 mg/Kg |
| | 100 mg/l |
| | 100 mg/l |

8.2. ▼ Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

▼ Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

▼ Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

▼ Hygiene measures

Wash hands after use.

▼ Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

▼ Generally

In the event the work process is within scope of the Danish statutory order on work with code numbered products (Work Inspectorate Order no. 302/1993), then personal protection equipment shall be selected as set out herein. If applicable, please refer to the code number of this product in section 15.

Use only CE marked protective equipment.


▼ Respiratory Equipment

| Type | Class | Colour | Standards |
|----------------------------|---------|-------------|-----------|
| Combination filter A2P2 | Class 2 | Brown/White | EN14387 |




▼ Skin protection

| Recommended | Type/Category | Standards |
|---|---------------|-----------|
| Dedicated work clothing should be worn. | - | - |



Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|----------|----------------------|--------------------------|-------------------------|
| Nitrile | 0.4 | > 30 | EN374-2, EN374-3, EN388 |



▼ Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

White

Odour / Odour threshold

Acidic

▼ pH

8,0 - 9,0

▼ Density (g/cm³)

1,26 - 1,31

▼ Kinematic viscosity

No relevant or available data due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

▼ Melting point/Freezing point (°C)

No relevant or available data due to the nature of the product.

Softening point/range (°C)

Does not apply to liquids.

▼ Boiling point (°C)

No relevant or available data due to the nature of the product.

▼ Vapour pressure

No relevant or available data due to the nature of the product.

▼ Relative vapour density

No relevant or available data due to the nature of the product.

▼ Decomposition temperature (°C)

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

▼ Flash point (°C)

No relevant or available data due to the nature of the product.

▼ Flammability (°C)

No relevant or available data due to the nature of the product.

▼ Auto-ignition temperature (°C)

No relevant or available data due to the nature of the product.

▼ Lower and upper explosion limit (% v/v)

No relevant or available data due to the nature of the product.

Solubility

Solubility in water

Completely soluble

▼ n-octanol/water coefficient (LogKow)

No relevant or available data due to the nature of the product.

▼ Solubility in fat (g/L)

No relevant or available data due to the nature of the product.

9.2. Other information

▼ VOC (g/L)

8

▼ Other physical and chemical parameters

No data available.

▼ Oxidizing properties

No relevant or available data due to the nature of the product.

SECTION 10: Stability and reactivity

10.1. ▼ Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. ▼ Possibility of hazardous reactions

None known.

10.4. ▼ Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

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

▼ Acute toxicity

Product/substance Titan dioxide > 10µm
Species: Rat
Route of exposure: Oral
Test: LD50
Result: >5000 mg/Kg ·

Product/substance Titan dioxide > 10µm
Species: Rat
Route of exposure: Inhalation
Test: LC50
Result: > 3,43 - 5,09 mg/l ·

Product/substance 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one
Species: Rat
Route of exposure: Oral
Test: LD50
Result: 1193 mg/Kg ·

Product/substance 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one
Species: Rat
Route of exposure: Dermal
Test: LD50
Result: 4115 mg/Kg ·

▼ Skin corrosion/irritation

Product/substance 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one
Test method: OECD 404
Species: Rabbit
Result: Adverse effect observed (Irritating)

▼ Serious eye damage/irritation

Product/substance 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one
Test method: no guideline followed
Result: Adverse effect observed (Causes serious eye damage)

Respiratory sensitisation

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

▼ Skin sensitisation

Product/substance 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one
Species: Human
Result: Adverse effect observed (sensitising)
Other information: Can course allergic reaction at skin contact

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method: OECD 406
Other information: Can course allergic reaction at skin contact

▼ **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.

11.2. Information on other hazards

▼ **Long term effects**

None known.

▼ **Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

▼ **Other information**

None known.

SECTION 12: Ecological information

12.1. ▼ Toxicity

Product/substance Titan dioxide > 10µm
 Species: Fish
 Duration: 96 hours
 Test: LC50
 Result: >1000 mg/l ·

Product/substance Titan dioxide > 10µm
 Species: Daphnia
 Duration: 48 hours
 Test: EC50
 Result: >1000 mg/l ·

Product/substance Titan dioxide > 10µm
 Species: Algae
 Duration: 72 hours
 Test: EC50
 Result: 61 mg/l ·

Product/substance bronopol (INN);2-bromo-2-nitropropane-1,3-diol
 Test method: OECD 202
 Species: Daphnia, Daphnia magna
 Compartment: Water
 Duration: 48 hours
 Test: EC50
 Result: 1,04 mg/L

Product/substance bronopol (INN);2-bromo-2-nitropropane-1,3-diol
 Test method: OECD 201
 Species: Algae, Anabaena flos-aquae
 Compartment: Water
 Duration: 72 hours
 Test: EC50
 Result: 0,068 mg/L

Product/substance bronopol (INN);2-bromo-2-nitropropane-1,3-diol
 Test method: OECD 203
 Species: Fish, Lepomis macrochirus
 Compartment: Water

| | |
|-------------------|---|
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 11 mg/L |
| Product/substance | bronopol (INN);2-bromo-2-nitropropane-1,3-diol |
| Test method: | OECD 215 |
| Species: | Fish, <i>Oncorhynchus mykiss</i> |
| Compartment: | Water |
| Duration: | 28 days |
| Test: | NOEC |
| Result: | 2,61 mg/L |
| Product/substance | bronopol (INN);2-bromo-2-nitropropane-1,3-diol |
| Test method: | OECD 201 |
| Species: | Algae, <i>Anabaena flos-aquae</i> |
| Compartment: | Water |
| Duration: | 72 hours |
| Test: | NOEC |
| Result: | 0,0025 mg/L |
| Product/substance | bronopol (INN);2-bromo-2-nitropropane-1,3-diol |
| Test method: | OECD 209 |
| Compartment: | Sewage treatment plant |
| Duration: | 3 hours |
| Test: | EC50 |
| Result: | 11 mg/L |
| Product/substance | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one |
| Species: | Fish |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 1,3 mg/l · |
| Product/substance | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one |
| Species: | Daphnia |
| Duration: | 96 hours |
| Test: | EC50 |
| Result: | 1,5 mg/l · |
| Product/substance | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one |
| Species: | Algae |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 0,055 mg/l · |
| Product/substance | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one |
| Species: | Daphnia |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 2,94 mg/l · |
| Product/substance | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one |
| Species: | Algae |
| Duration: | 24 hours |
| Test: | EC50 |
| Result: | 0,11 mg/l · |
| Product/substance | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one |
| Species: | Fish |
| Duration: | No data available. |
| Test: | NOEC |
| Result: | 0,21 mg/l · |
| Product/substance | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one;1,2-benzisothiazolin-3-one |

| | |
|-------------------|---|
| Species: | Daphnia |
| Duration: | 21 days |
| Test: | NOEC |
| Result: | 1,2 mg/l |
| Product/substance | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |
| Test method: | OECD 201 |
| Species: | Algae, Pseudokirchneriella subcapitata |
| Compartment: | Water |
| Duration: | 72 hours |
| Test: | EC50 |
| Result: | 0,048 mg/L |
| Product/substance | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |
| Test method: | OECD 202 |
| Species: | Daphnia, Daphnia magna |
| Compartment: | Water |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 0,1 mg/L |
| Product/substance | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |
| Test method: | OECD 201 |
| Species: | Algae, Skeletonema costatum |
| Compartment: | Water |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 0,0052 mg/L |
| Product/substance | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |
| Test method: | OECD 203 |
| Species: | Fish, Oncorhynchus mykiss |
| Compartment: | Water |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 0,22 mg/L |
| Product/substance | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |
| Test method: | OECD 211 |
| Species: | Daphnia, Daphnia magna |
| Compartment: | Water |
| Duration: | 21 days |
| Test: | NOEC |
| Result: | 0,004 mg/L |
| Product/substance | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |
| Test method: | OECD 215 |
| Species: | Fish, Oncorhynchus mykiss |
| Compartment: | Water |
| Duration: | 28 days |
| Test: | NOEC |
| Result: | 0,098 mg/L |
| Product/substance | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |
| Test method: | OECD 209 |
| Compartment: | Sewage treatment plant |
| Duration: | 3 hours |
| Test: | EC50 |
| Result: | 7,92 mg/L |

12.2. ▼ Persistence and degradability

| | |
|-------------------|--|
| Product/substance | bronopol (INN);2-bromo-2-nitropropane-1,3-diol |
| Compartment: | Water |
| Result: | 70 % |
| Conclusion: | - |

| | |
|--|--|
| Test: | OECD 301 B |
| Product/substance Conclusion: | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one; 1,2-benzisothiazolin-3-one Readily biodegradable |
| Product/substance Result: Conclusion: Test: | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 60 % - OECD 301 D |

12.3. ▼ Bioaccumulative potential

| | |
|-------------------|--|
| Product/substance | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one; 1,2-benzisothiazolin-3-one |
| LogKow: | 1,3000 |
| Conclusion: | No potential for bioaccumulation |

12.4. ▼ Mobility in soil

No data available.

12.5. ▼ Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. ▼ Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. ▼ Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. ▼ Waste treatment methods

Product is not covered by regulations on dangerous waste.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

▼ EWC code

08 01 12 Waste paint and varnish other than those mentioned in 08 01 11

▼ Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|------|-----------------|---------------------------------|--------------------------|-------------|---------------|-----------------------|
| ADR | - | - | - | - | - | - |
| IMDG | - | - | - | - | - | - |
| IATA | - | - | - | - | - | - |

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. ▼ Special precautions for user

Not applicable.

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

▼ Restrictions for application

No special.

▼ Demands for specific education

No specific requirements.

▼ SEVESO - Categories / dangerous substances

Not applicable.

▼ Regulation on work involving coded products

Code number (1993): 00-1.

▼ Additional information

Not applicable.

▼ Sources

Executive Order no. 1369 of 25 November 2015 on the marketing and labeling of volatile organic compounds in certain paints and varnishes as well as products for car repair painting.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Arbejdstilsynets bekendtgørelse nr. 301 af 13. maj 1993 om fastsættelse af kodenumre med senere ændringer.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼ Full text of H-phrases as mentioned in section 3

H301, Toxic if swallowed.

H302, Harmful if swallowed.

H311, Toxic 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.

H331, Toxic if inhaled.

H335, May cause respiratory irritation.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

▼ Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

GWP = Global warming potential

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

▼ Additional information

In accordance with Article 31 of REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required under Article 32 of REACH.

The safety data sheet is validated by

MVP

▼ Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: DK-en