



## SAFETY DATA SHEET

# 731 Interiør, Ludlak Vandig

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

#### 1.1. Product identifier

▼ Trade name

731 Interiør, Ludlak Vandig

Product no.

731111

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

▼ Relevant identified uses of the substance or mixture

Interiørlak vandig

Restricted to professional users.

▼ 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

The product contains a biocidal product.

▼ VOC

VOC content: 9 g/L

MAXIMUM VOC CONTENT (Phase II, category A/e (WB): 130 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.:	1-3%		
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

[1] European occupational exposure limit.

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

Not applicable.

#### 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 / CO<sub>2</sub>)

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/m<sup>3</sup>): 6

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 12

potassium hydroxide;caustic potash

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 2

2-butoxyethanol; ethylene glycol monobutyl ether

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 98

Long term exposure limit (8 hours) (ppm): 20

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 246

Short term exposure limit (15 minutes) (ppm): 50

Annotations:

E = Substance has an EC limit.

H = The substance can be absorbed through the skin.

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 <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	6.81 mg/m <sup>3</sup>

2-butoxyethanol; ethylene glycol monobutyl ether

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Inhalation	59 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	98 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	147 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	246 mg/m <sup>3</sup>
Short term – Systemic effects - General population	Inhalation	426 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	1091 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	6.3 mg/kg bw/day
Short term – Systemic effects - General population	Oral	26.7 mg/kg bw/day

potassium hydroxide;caustic potash

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	1 mg/m <sup>3</sup>

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Long term – Local effects - Workers	Inhalation	1 mg/m <sup>3</sup>
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reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Inhalation	20 µg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	20 µg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	40 µg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	40 µg/m <sup>3</sup>
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

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - Workers	Inhalation	10 mg/m <sup>3</sup>
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

<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
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

2-butoxyethanol; ethylene glycol monobutyl ether

<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		8.8 mg/L
Freshwater sediment		34.6 mg/kg
Intermittent release (freshwater)		26.4 mg/L
Marine water		880 µg/L
Marine water sediment		3.46 mg/kg
Predators		20 mg/kg
Sewage treatment plant		463 mg/L
Soil		2.33 mg/kg

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

<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
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:	PNEC:
Freshwater	-	0,184 mg/l
Freshwater sediment	-	1000 mg/l
Intermittent release	-	0,193 mg/l
Marine water	-	0,0184 mg/l
Marine water sediment	-	100 mg/Kg
Sewage treatment plant	-	100 mg/l
Soil	-	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. Wear a protective suit in the event of prolonged periods of work with the product.	-	-	

#### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Latex	0,4	-	EN374-2, 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

Faint

#### ▼ pH

8,0-9,0

#### ▼ Density (g/cm<sup>3</sup>)

1,16 -1,25 (20 °C)

#### ▼ 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)

9

#### ▼ 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	potassium hydroxide;caustic potash
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	365 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:	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 ·

Product/substance	2-butoxyethanol; ethylene glycol monobutyl ether
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	210 mg/kg ·

Product/substance	2-butoxyethanol; ethylene glycol monobutyl ether
Species:	Rabbit
Route of exposure:	Oral
Test:	LD50
Result:	300 mg/kg ·

Product/substance	2-butoxyethanol; ethylene glycol monobutyl ether
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	2,21 mg/l/4h ·

Product/substance	2-butoxyethanol; ethylene glycol monobutyl ether
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Species: Rat  
 Route of exposure: Oral  
 Test: LD50  
 Result: > 200 -< 2000 mg/kg

Product/substance: 5-chloro-2-methyl-2H-isothiazol-3-one  
 Species: Rat  
 Route of exposure: Oral  
 Test: LD50  
 Result: 550 mg/kg

Product/substance: 5-chloro-2-methyl-2H-isothiazol-3-one  
 Species: Rabbit  
 Route of exposure: Dermal  
 Test: LD50  
 Result: 1000 mg/kg

Product/substance: 5-chloro-2-methyl-2H-isothiazol-3-one  
 Species: Rat  
 Route of exposure: Inhalation  
 Test: LC50 (4 hours)  
 Result: 0,31 mg/L

▼ **Skin corrosion/irritation**

Product/substance: potassium hydroxide;caustic potash  
 Result: Adverse effect observed (Corrosive)

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: potassium hydroxide;caustic potash  
 Result: Adverse effect observed (Corrosive)

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	potassium hydroxide;caustic potash
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	80 mg/l ·

Product/substance	potassium hydroxide;caustic potash
Species:	Crustacean
Duration:	No data available.
Test:	EC50
Result:	30 - 1000 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
Product/substance	2-butoxyethanol; ethylene glycol monobutyl ether
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	820 - 1490 mg/l ·
Product/substance	2-butoxyethanol; ethylene glycol monobutyl ether
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	835 - 1550 mg/l ·
Product/substance	2-butoxyethanol; ethylene glycol monobutyl ether
Species:	Algae
Duration:	72 hours
Test:	IC50
Result:	1840 mg/l ·
Product/substance	5-chloro-2-methyl-2H-isothiazol-3-one
Species:	Algae, Pseudokirchneriella subcapitata
Compartment:	Water
Duration:	72 hours
Test:	EC50
Result:	0,018 mg/L
Product/substance	5-chloro-2-methyl-2H-isothiazol-3-one
Species:	Daphnia, Daphnia magna
Compartment:	Water
Duration:	48 hours
Test:	EC50
Result:	0,16 mg/L

## 12.2. ▼ Persistence and degradability

Product/substance	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one; 1,2-benzisothiazolin-3-one
Conclusion:	Readily biodegradable
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Result:	60 %
Conclusion:	-
Test:	OECD 301 D
Product/substance	2-butoxyethanol; ethylene glycol monobutyl ether
Result:	88% efter 28 dage
Conclusion:	Readily biodegradable
Test:	OECD 301 C

## 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
Product/substance	2-butoxyethanol; ethylene glycol monobutyl ether
BCF:	2,5
LogKow:	0,8000

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**

	<b>14.1</b>	<b>14.2</b>	<b>14.3</b>	<b>14.4</b>	<b>14.5</b>	<b>Other</b>
	<b>UN / ID</b>	<b>UN proper shipping name</b>	<b>Hazard class(es)</b>	<b>PG*</b>	<b>Env**</b>	<b>information:</b>
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**

Restricted to professional users.

▼ **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**

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the

making available on the market and use of biocidal products.  
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.  
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.  
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



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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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