

## SAFETY DATA SHEET

# 854-xxx Cover-Plus Alkyd

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

### 1.1. Product identifier

#### Trade name

854-xxx Cover-Plus Alkyd

#### Product no.

854101

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

#### Relevant identified uses of the substance or mixture

Plastalkyd vinduesmaling

#### Uses advised against

No special

### 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

Tel: +45 39 53 03 11

#### Contact person

Mikael Jensen

#### E-mail

miljo@bj.dk

#### Revision

8/15/2022

#### SDS Version

1.0

### 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

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

#### Hazard pictogram(s)

Not applicable

#### Signal word

Not applicable

#### Hazard statement(s)

Harmful to aquatic life with long lasting effects. (H412)

#### Safety statement(s)

General

-

#### Prevention

Avoid release to the environment. (P273)

#### Response

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

#### Storage

#### Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

#### Hazardous substances

No special

#### 2.3. Other hazards

##### Additional labelling

EUH208, Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).  
May produce an allergic reaction.

The product contains a biocidal product.

##### Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

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.

#### VOC

VOC content: 58 g/L

MAXIMUM VOC CONTENT (Phase II, category A/d (WB): 130 g/L)

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Titandioxid	CAS No.: 13463-67-7 EC No.: 236-675-5 REACH: 01-2119489379-17 Index No.:	15-25%		
propane-1,2-diol	CAS No.: 57-55-6 EC No.: 200-338-0 REACH: 01-211945809-23 Index No.:	3-5%		
bronopol	CAS No.: 52-51-7 EC No.: 200-143-0 REACH: Index No.: 603-085-00-8	<0.05%	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	
1,2-benzisothiazol-3(2H)-on	CAS No.: 2634-33-5 EC No.: 220-120-9 REACH: 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 2, H411	

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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	<0.0015%	EUH071
	EC No.:		Acute Tox. 3, H301
	REACH:		Acute Tox. 2, H310
			Skin Corr. 1C, H314 (SCL: 0.60 %)
			Skin Sens. 1A, H317 (SCL: 0.0015 %)
	Index No.: 613-167-00-5		Acute Tox. 2, H330
			Aquatic Acute 1, H400 (M=100)
			Aquatic Chronic 1, H410 (M=10)

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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

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

#### Eye contact

Upon irritation of the eye: Remove contact lenses and open eyes widely. Flush eyes with water or saline water (20-30°C) for at least 5 minutes. Seek medical assistance and continue flushing during transport.

#### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Not applicable

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

This product contains substances that may trigger an allergic reaction to predisposed persons.

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

No special

#### 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

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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 National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

### 6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

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

#### Storage temperature

No specific requirements

#### 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

—  
Titandioxid

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 6 (som Ti)

Annotations:

K = Dusts that contain the substance on a respirable form are considered to be carcinogenic.

Statutory order 1054 on exposure limits for substances and mixtures (28/06/2022)

Titandioxid is included in the national list of substances suspected of causing cancer

BEK nr 1795 af 18/12/2015 om foranstaltninger til forebyggelse af kræftisikoen ved arbejde med stoffer og

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

## materialer

### DNEL

#### propane-1,2-diol

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	213 mg/kg/day
Long term – Local effects - General population	Inhalation	10 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	10 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	50 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	168 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	85 mg/kg/day

#### propylidyntrimethanol

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	0,34 mg/kg
Long term – Systemic effects - Workers	Dermal	0,94 mg/kg
Long term – Systemic effects - General population	Inhalation	0,58 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	3,3 mg/m <sup>3</sup>

#### Titandioxid

Duration	Route of exposure	DNEL
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

#### propane-1,2-diol

Route of exposure	Duration of Exposure	PNEC
Freshwater	-	260 mg/l
Freshwater sediment	-	572 mg/kg
Intermittent release	-	183 mg/L
Marine water	-	26 mg/L
Marine water sediment	-	57,2 mg/kg
Sewage treatment plant	-	20000 mg/L
Soil	-	50 mg/kg

#### Titandioxid

Route of exposure	Duration of Exposure	PNEC
Freshwater	-	0,184 mg/l
Freshwater sediment	-	1000 mg/l
Intermittent release	-	0,193 mg/l

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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

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### 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

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements

## Individual protection measures, such as personal protective equipment

### Generally

Only CE-marked personal protection equipment should be used.

Use only CE marked protective equipment.

### Respiratory Equipment

Work situation	Type	Class	Colour	Standards
Non industrial spraying	Combination filter A2P3	Class 2/3	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

Various colours

#### Odour / Odour threshold

Characteristic

#### pH

8-9

#### Density (g/cm<sup>3</sup>)

1.27

#### Kinematic viscosity

Testing not relevant or not possible due to nature of the product.

#### Particle characteristics

Does not apply to liquids.

#### Phase changes

##### Melting point/Freezing point (°C)

Testing not relevant or not possible due to nature of the product.

##### Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

##### Boiling point (°C)

100

##### Vapour pressure

Testing not relevant or not possible due to nature of the product.

##### Relative vapour density

Testing not relevant or not possible due to nature of the product.

##### Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

#### Data on fire and explosion hazards

##### Flash point (°C)

Testing not relevant or not possible due to nature of the product.

##### Ignition (°C)

Testing not relevant or not possible due to nature of the product.

##### Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

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

Testing not relevant or not possible due to nature of the product.

#### Solubility

##### Solubility in water

Completely soluble

##### n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

##### Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

### 9.2. Other information

#### VOC (g/L)

58

#### Other physical and chemical parameters

No data available

## 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

No special

### 10.4. Conditions to avoid

No special

### 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	Titandioxid
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>5000 mg/Kg ·
Other information	

Product/substance	Titandioxid
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	> 3,43 - 5,09 mg/l ·
Other information	

Product/substance	propane-1,2-diol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	22000 mg/kg ·
Other information	

Product/substance	propane-1,2-diol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	2000 mg/kg ·
Other information	



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

Product/substance	propane-1,2-diol
Test method	
Species	Rabbit
Route of exposure	Inhalation
Test	LC50
Result	317 mg/l ·
Other information	

Product/substance	bronopol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	307 mg/kg ·
Other information	

Product/substance	bronopol
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	> 2000 mg/kg ·
Other information	

Product/substance	bronopol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	1600 mg/Kg ·
Other information	

Product/substance	bronopol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	800 mg/m <sup>3</sup> 4 h dust/aerosol ·
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-on
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	1193 mg/Kg ·
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-on
Test method	
Species	Rat

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

Route of exposure	Dermal
Test	LD50
Result	4115 mg/Kg ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	49,6 - 75 mg/Kg ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	0,33 mg/l, 4 h, aerosol ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	200 - 1000 mg/Kg ·
Other information	

#### Skin corrosion/irritation

Product/substance	1,2-benzisothiazol-3(2H)-on
Test method	OECD 404
Species	Rabbit
Duration	
Result	Adverse effect observed (Irritating)
Other information	

#### Serious eye damage/irritation

Product/substance	1,2-benzisothiazol-3(2H)-on
Test method	no guideline followed
Species	
Duration	
Result	Adverse effect observed (Causes serious eye damage)
Other information	

#### Respiratory sensitisation

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

#### Skin sensitisation

Product/substance	1,2-benzisothiazol-3(2H)-on
Test method	

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

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	
Species	Human
Result	Adverse effect observed (sensitising)
Other information	Can course allergic reaction at skin contact

### Germ cell mutagenicity

Product/substance	bronopol
Test method	OECD 473
Species	
Conclusion	No adverse effect observed
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	
Conclusion	No adverse effect observed
Other information	

### Carcinogenicity

Product/substance	bronopol
Test method	
Species	
Route of exposure	
Target organ	
Duration	
Test	
Result	
Conclusion	No adverse effect observed
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	
Route of exposure	
Target organ	
Duration	
Test	
Result	
Conclusion	No adverse effect observed
Other information	

### Reproductive toxicity

Product/substance	bronopol
Test method	
Species	

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

Duration  
Test  
Result  
Conclusion No adverse effect observed  
Other information

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
Test method  
Species  
Duration  
Test  
Result  
Conclusion No adverse effect observed  
Other information

#### 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

No special

#### Endocrine disrupting properties

No special

#### Other information

Titandioxid has been classified by IARC as a group 2B carcinogen.

## SECTION 12: Ecological information

### 12.1. Toxicity

Product/substance Titandioxid  
Test method  
Species Fish  
Compartment  
Duration 96 hours  
Test LC50  
Result >1000 mg/l ·  
Other information

Product/substance Titandioxid  
Test method  
Species Daphnia  
Compartment  
Duration 48 hours  
Test EC50  
Result >1000 mg/l ·  
Other information

Product/substance Titandioxid  
Test method

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

Species                      Algae  
 Compartment  
 Duration                    72 hours  
 Test                         EC50  
 Result                      61 mg/l ·  
 Other information

Product/substance        propane-1,2-diol  
 Test method  
 Species                    Fish  
 Compartment  
 Duration                    96 hours  
 Test                         LC50  
 Result                      > 40613 mg/l ·  
 Other information

Product/substance        propane-1,2-diol  
 Test method  
 Species                    Daphnia  
 Compartment  
 Duration                    48 hours  
 Test                         EC50  
 Result                      18800 mg/l ·  
 Other information

Product/substance        propane-1,2-diol  
 Test method  
 Species                    Algae  
 Compartment  
 Duration                    96 hours  
 Test                         EC50  
 Result                      19000 mg/l ·  
 Other information

Product/substance        propane-1,2-diol  
 Test method  
 Species                    Algae  
 Compartment  
 Duration                    72 hours  
 Test                         EC50  
 Result                      24200 mg/l ·  
 Other information

Product/substance        bronopol  
 Test method  
 Species                    Fish  
 Compartment  
 Duration                    96 hours  
 Test                         LC50  
 Result                      3 mg/l ·  
 Other information

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

Product/substance	bronopol
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	1,04 mg/l ·
Other information	

Product/substance	bronopol
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	0,068 mg/l ·
Other information	

Product/substance	bronopol
Test method	
Species	Daphnia
Compartment	
Duration	21 days
Test	NOEC
Result	0,06 mg/l ·
Other information	

Product/substance	bronopol
Test method	
Species	Fish
Compartment	
Duration	28 days
Test	NOEC
Result	2,61 mg/l ·
Other information	

Product/substance	bronopol
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	NOEC
Result	0,0025 mg/l ·
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-on
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	1,3 mg/l ·

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

#### Other information

Product/substance 1,2-benzisothiazol-3(2H)-on  
 Test method  
 Species Daphnia  
 Compartment  
 Duration 96 hours  
 Test EC50  
 Result 1,5 mg/l ·  
 Other information

Product/substance 1,2-benzisothiazol-3(2H)-on  
 Test method  
 Species Algae  
 Compartment  
 Duration 48 hours  
 Test EC50  
 Result 0,055 mg/l ·  
 Other information

Product/substance 1,2-benzisothiazol-3(2H)-on  
 Test method  
 Species Daphnia  
 Compartment  
 Duration 48 hours  
 Test EC50  
 Result 2,94 mg/l ·  
 Other information

Product/substance 1,2-benzisothiazol-3(2H)-on  
 Test method  
 Species Algae  
 Compartment  
 Duration 24 hours  
 Test EC50  
 Result 0,11 mg/l ·  
 Other information

Product/substance 1,2-benzisothiazol-3(2H)-on  
 Test method  
 Species Fish  
 Compartment  
 Duration No data available.  
 Test NOEC  
 Result 0,21 mg/l ·  
 Other information

Product/substance 1,2-benzisothiazol-3(2H)-on  
 Test method  
 Species Daphnia  
 Compartment  
 Duration 21 days

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

Test	NOEC
Result	1,2 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	0,19 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	0,10 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	0,048 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Algae
Compartment	
Duration	96 hours
Test	NOEC
Result	0,032 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Daphnia
Compartment	
Duration	21 days
Test	EC50
Result	> 1 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Fish



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

Compartment	
Duration	96 hours
Test	LC50
Result	0,58 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Fish
Compartment	
Duration	34 d.
Test	NOEC
Result	0,5 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Algae
Compartment	
Duration	48 hours
Test	NOEC
Result	0,00064 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Daphnia
Compartment	
Duration	21 days
Test	NOEC
Result	0,004 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Fish
Compartment	
Duration	28 days
Test	NOEC
Result	0,098 mg/l ·
Other information	
Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	NOEC
Result	0,0012 mg/l ·
Other information	

## 12.2. Persistence and degradability

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

Product/substance	propane-1,2-diol
Biodegradable	Yes
Test method	
Result	BOD5/COD > 0,5
Product/substance	1,2-benzisothiazol-3(2H)-on
Biodegradable	Yes
Test method	
Result	

### 12.3. Bioaccumulative potential

Product/substance	propane-1,2-diol
Test method	
Potential bioaccumulation	No
LogPow	-1,4000
BCF	0,09
Other information	

Product/substance	bronopol
Test method	
Potential bioaccumulation	No data available
LogPow	0,1700
BCF	3,6
Other information	

Product/substance	1,2-benzisothiazol-3(2H)-on
Test method	
Potential bioaccumulation	No
LogPow	1,3000
BCF	No data available
Other information	

Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
Test method	
Potential bioaccumulation	No
LogPow	0,4000
BCF	3,6
Other information	

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. Endocrine disrupting properties

No special

### 12.7. Other adverse effects

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 14 – Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

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

#### Additional information

Code number (1993): 00-1

#### 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.

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

EUH071, Corrosive to the respiratory tract.  
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.  
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.  
H411, 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  
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  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
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

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

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

#### The safety data sheet is validated by

xxx

#### Other

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