SAFETY DATA SHEET

750-xxx B3 Træbeskyttelse Laserende Vandig

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

1.1. Product identifier

Trade name

750-xxx B3 Træbeskyttelse Laserende Vandig

Product no.

750001

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

Relevant identified uses of the substance or mixture

Vandfortyndbar transparent træbeskyttelse

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
Tel: +45 39 53 03 11

Contact person

Mikael Jensen

E-mail

mij@bj.dk

Revision

12/21/2022

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

-

Storage

-

Disposal
Dispose of contents/container in accordance with local regulation
. (P501)

Hazardous substances
None known.

Additional labelling
EUH208, Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate . May produce an allergic reaction.
This paint contains a biocidal product for the preservation of the dry film.

VOC
VOC content: 45 g/L
MAXIMUM VOC CONTENT (Phase II, category A/f (WB): 130 g/L)

2.3. Other hazards

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.

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
2-(2-butoxyethoxy)ethanol	CAS No.: 112-34-5 EC No.: 203-961-6 REACH: 01-2119475104-44 Index No.: 603-096-00-8	3-5%	Eye Irrit. 2, H319	[1], [3]
3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate	CAS No.: 55406-53-6 EC No.: 259-627-5 REACH: Index No.: 616-212-00-7	<1%	Acute Tox. 4, H302 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 3, H331 STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	
(2-methoxymethylethoxy)propanol	CAS No.: 34590-94-8 EC No.: 252-104-2 REACH: 01-2119450011-60 Index No.:	<1%		[1]
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	
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.: REACH: Index No.: 613-167-00-5	<0.0015%	EUH071 Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 (SCL: 0.60 %) Skin Sens. 1A, H317 (SCL: 0.0015 %)	

Acute Tox. 2, H330
Aquatic Acute 1, H400 (M=100)
Aquatic Chronic 1, H410 (M=10)

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.
[3] According to REACH, Annex XVII, the substance is subject to restrictions.

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 person 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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.
Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

None known.

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 / CO2)

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 45 90 60 00 (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.
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
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
2-(2-butoxyethoxy)ethanol
Long term exposure limit (8 hours) (mg/m³): 68
Long term exposure limit (8 hours) (ppm): 10
Short term exposure limit (15 minutes) (mg/m³): 101
Short term exposure limit (15 minutes) (ppm): 15
Annotations:
E = Substance has an EC limit.

(2-methoxymethylethoxy)propanol
Long term exposure limit (8 hours) (mg/m³): 309
Long term exposure limit (8 hours) (ppm): 50
Annotations:
E = Substance has an EC limit.
H = The substance can be absorbed through the skin.

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

DNEL
(2-methoxymethylethoxy)propanol

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	15 mg/kg bw/d
Long term – Systemic effects - General population	Inhalation	37,2 mg/m³

Long term – Systemic effects - Workers	Inhalation	310 mg/m³
Long term – Systemic effects - General population	Oral	36 mg/kg bw/d
Long term – Systemic effects - Workers	Oral	1,67 mg/kg bw/d

2-(2-butoxyethoxy)ethanol

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	50 mg/kg/d
Long term – Systemic effects - Workers	Dermal	83 mg/kg/d
Long term – Local effects - General population	Inhalation	40,5 mg/m³
Long term – Local effects - Workers	Inhalation	67,5 mg/m³
Long term – Systemic effects - General population	Inhalation	40,5 mg/m³
Long term – Systemic effects - Workers	Inhalation	67,5 mg/m³
Short term – Local effects - General population	Inhalation	60,7 mg/m³
Short term – Local effects - Workers	Inhalation	101,2 mg/m³
Long term – Systemic effects - General population	Oral	5 mg/kg/d

PNEC

3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate

Route of exposure	Duration of Exposure	PNEC
Soil	Single	0,005 mg/l
Water	Single	0,0005 mg/l

(2-methoxymethylethoxy)propanol

Route of exposure	Duration of Exposure	PNEC
Freshwater	-	19 mg/l
Freshwater sediment	-	70,2 mg/kg
Marine water	-	1,9 mg/l
Marine water sediment	-	7,02 mg/kg
Soil	-	2,74 mg/kg

2-(2-butoxyethoxy)ethanol

Route of exposure	Duration of Exposure	PNEC
Freshwater	-	1,1 mg/l
Freshwater sediment	-	4,4 mg/kg
Intermittent release	-	11 mg/l
Marine water	-	0,11 mg/l
Marine water sediment	-	0,44 mg/kg
Sewage treatment plant	-	200 mg/l
Soil	-	0,32 mg/kg

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 eyewash and emergency 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

Keep damming materials near the workplace. If possible, collect spillage during work.

8.3. 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

Faint

pH

8 - 9

Density (g/cm³)

1.03

Kinematic viscosity

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

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

Does not apply to liquids.

Boiling point (°C)

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

Vapour pressure

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

Relative vapour density

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

Decomposition temperature (°C)

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

Data on fire and explosion hazards

Flash point (°C)

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

Auto-Ignition (°C)

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

Flammability (°C)

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

Lower and upper explosion limit (% v/v)

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

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient

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

Solubility in fat (g/L)

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

9.2. Other information

VOC (g/L)

45

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

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	2-(2-butoxyethoxy)ethanol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	5660 mg/kg ·
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	2700 mg/kg ·

Other information

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Mouse
Route of exposure	Oral
Test	LD50
Result	2400 mg/kg ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	300-500 mg/kg ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	6,89 mg/l (4 h) ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	> 2000 mg/kg ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Rat
Route of exposure	Oral
Test	LC50
Result	670 mg/m³ (4 h, dust) ·
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	5135 mg/kg ·
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	9510 mg/kg ·
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	> 3,25 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/m³ 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
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	(2-methoxymethylethoxy)propanol
Test method	OECD 404
Species	Rabbit
Duration	
Result	No adverse effect observed (Not irritating)
Other information	

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	
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	(2-methoxymethylethoxy)propanol
Test method	OECD 416
Species	Rat
Duration	
Test	NOAEL
Result	300 ppm
Conclusion	
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	OECD 416
Species	Rat
Duration	
Test	
Result	1000 ppm
Conclusion	
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	OECD 416
Species	Rat
Duration	
Test	
Result	1000 ppm
Conclusion	
Other information	

Product/substance	bronopol
Test method	
Species	
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
None known.

Endocrine disrupting properties
None known.

Other information
None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	2700 mg/l ·
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	LC50
Result	1000 mg/l ·
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Algae
Compartment	
Duration	96 hours
Test	EC50
Result	100 mg/l ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	0,049 mg/l ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	0,160 mg/l ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	IC50
Result	0,022 mg/l ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate

Test method	
Species	Daphnia
Compartment	
Duration	21 days
Test	NOEC
Result	1,3 mg/l ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Fish
Compartment	
Duration	21 days
Test	NOEC
Result	0,01 mg/l ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Daphnia
Compartment	
Duration	21 days
Test	EC50
Result	0,05 mg/l ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Fish
Compartment	
Duration	35 d.
Test	NOEC
Result	0,0084 mg/l ·
Other information	

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	NOEC
Result	0,0046 mg/l ·
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	>1000 mg/l ·
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	
Species	Daphnia
Compartment	
Duration	96 hours
Test	LC50
Result	>1000 mg/l ·
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	
Species	Algae
Compartment	

Duration	72 hours
Test	NOEC
Result	969 mg/l ·
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	
Species	Daphnia
Compartment	
Duration	21 days
Test	NOEC
Result	0,5 mg/l ·
Other information	

Product/substance	(2-methoxymethylethoxy)propanol
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	1919 mg/l ·
Other information	

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

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 ·
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
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
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

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Biodegradable	Yes
Test method	
Result	

Product/substance	(2-methoxymethylethoxy)propanol
Biodegradable	Yes
Test method	OECD 301 E
Result	93% efter 13 dage

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

12.3. Bioaccumulative potential

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
Test method	
Potential bioaccumulation	No
LogPow	2,8100
BCF	No data available.
Other information	

Product/substance	(2-methoxymethylethoxy)propanol

Test method	
Potential bioaccumulation	No
LogPow	No data available.
BCF	No data available.
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

(2-methoxymethylethoxy)propanol
LogKoc = 0.28, High mobility potential.

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

None known.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.
This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

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

EWC code

08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances

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	-	-	-	-	-	-

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

None known.

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.
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

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.
H319, Causes serious eye irritation.
H330, Fatal if inhaled.
H331, Toxic if inhaled.
H335, May cause respiratory irritation.
H372, Causes damage to organs through prolonged or repeated exposure.
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
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

MIJ

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