SAFETY DATA SHEET

461-xxx Facademaling

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

1.1. Product identifier

Trade name

461-xxx Facademaling

Product no.

461001

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

Relevant identified uses of the substance or mixture

Facademaling

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

21/03/2022

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 to an approved waste disposal plant. (P501)

Hazardous substances

No special

2.3. Other hazards

Additional labelling

EUH208, Contains 1,2-benzisothiazol-3(2H)-on, 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.

Additional warnings

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

VOC

VOC content: 35 - 40 g/L
MAXIMUM VOC CONTENT (Phase II, category A/c (WB): 40 g/L)

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
propane-1,2-diol	CAS No.: 57-55-6 EC No.: 200-338-0 REACH: 01-211945809-23 Index No.:	1-3%		
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 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411 STOT SE 3, H335	
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%	Press. Gas (Ref. Liq.) H281 Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 (SCL: 0.05 %) Eye Dam. 1, H318 Acute Tox. 1, H330 (ATE: 0.50 mg/l) 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%	Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 (SCL: 0.60 %) Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 (SCL: 0.60 %) Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071	

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

Other information

No special

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 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 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

—

Quartz (SiO2)

Long term exposure limit (8 hours) (mg/m³): 0,1(respirabel) / 0,3(total)

Annotations:

E = Substance has an EC limit

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

Statutory order 1426 on exposure limits for substances and mixtures (28/06/2021)

Quartz (SiO2) is included in the national list of substances suspected of causing cancer

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

DNEL

Product/substance	propane-1,2-diol
DNEL	168 mg/m3
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

Product/substance	propane-1,2-diol
DNEL	10 mg/m3

Route of exposure	Inhalation
Duration	Long term – Local effects - Workers

Product/substance	propane-1,2-diol
DNEL	50 mg/m3
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population

Product/substance	propane-1,2-diol
DNEL	10 mg/m3
Route of exposure	Inhalation
Duration	Long term – Local effects - General population

Product/substance	propane-1,2-diol
DNEL	85 mg/kg/day
Route of exposure	Oral
Duration	Long term – Systemic effects - General population

Product/substance	propane-1,2-diol
DNEL	213 mg/kg/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population

PNEC

Product/substance	propane-1,2-diol
PNEC	260 mg/l
Route of exposure	Freshwater
Duration of Exposure	-

Product/substance	propane-1,2-diol
PNEC	57,2 mg/kg
Route of exposure	Marine water sediment
Duration of Exposure	-

Product/substance	propane-1,2-diol
PNEC	572 mg/kg
Route of exposure	Freshwater sediment
Duration of Exposure	-

Product/substance	propane-1,2-diol
PNEC	20000 mg/L
Route of exposure	Sewage treatment plant
Duration of Exposure	-

Product/substance	propane-1,2-diol
PNEC	183 mg/L
Route of exposure	Intermittent release
Duration of Exposure	-

Product/substance	propane-1,2-diol
PNEC	26 mg/L

Route of exposure	Marine water
Duration of Exposure	-

Product/substance	propane-1,2-diol
PNEC	50 mg/kg
Route of exposure	Soil
Duration of Exposure	-

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
PNEC	0,0005 mg/l
Route of exposure	Water
Duration of Exposure	Single

Product/substance	3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
PNEC	0,005 mg/l
Route of exposure	Soil
Duration of Exposure	Single

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

No specific requirements

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 60	EN374-2, EN374-3, EN388	

Eye protection

No specific requirements

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

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

Odour / Odour threshold

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

pH

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

Density (g/cm³)

1,30

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)

1

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

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)

35 - 40

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	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	

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/m³ 4 h dust/aerosol ·
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	terbutryn
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	2045 mg/Kg ·
Other information	

Product/substance	terbutryn
Test method	
Species	Mouse
Route of exposure	Oral
Test	LD50
Result	3884 mg/Kg ·
Other information	

Product/substance	terbutryn
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	> 10200 mg/Kg ·
Other information	

Product/substance	terbutryn
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	>5,34 mg/l (4 h) ·
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

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

Serious eye damage/irritation

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

Respiratory sensitisation

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

Skin sensitisation

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	
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

Quartz (SiO2) has been classified by IARC as a group 1 carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

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	

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	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	terbutryn
Test method	
Species	
Compartment	
Duration	7 days
Test	EC50
Result	0,013 mg/l ·
Other information	

Product/substance	terbutryn
Test method	
Species	
Compartment	
Duration	48 hours
Test	EC50
Result	2,66 mg/l ·
Other information	

Product/substance	terbutryn
Test method	
Species	
Compartment	
Duration	96 hours
Test	LC50
Result	0,067 mg/l ·
Other information	

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

Product/substance	terbutryn
Test method	
Species	
Compartment	
Duration	35 d.
Test	NOEC
Result	0,84 mg/l ·
Other information	

Product/substance	terbutryn
Test method	
Species	

Compartment	
Duration	21 days
Test	NOEC
Result	0,01 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	propane-1,2-diol
Biodegradable	Yes
Test method	
Result	BOD5/COD > 0,5

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

Product/substance	terbutryn
Biodegradable	No
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	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	terbutryn
Test method	
Potential bioaccumulation	No data available
LogPow	3,6900
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	No

bioaccumulation	
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 not covered by regulations on dangerous waste.
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 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	-	-	-	-	-	-
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

People under the age of 18 shall not be exposed to this product.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances

Not applicable

Additional information

Code number (1993): 00-1.

Sources

Executive Order no. 1369 of 25 November 2015 on the marketing and labeling of volatile organic compounds in certain paints and varnishes as well as products for car repair painting.
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.
H281, Contains refrigerated gas; may cause cryogenic burns or injury.
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
UN = United Nations
UVCB = Complex hydrocarbon substance
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