



SAFETY DATA SHEET

405-xxx B&J 5 Vægmalning

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

1.1. Product identifier

Trade name

405-xxx B&J 5 Vægmalning

Product no.

405021

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

Relevant identified uses of the substance or mixture

Vægmalning

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

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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

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

2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Safety statement(s)

General

-

Prevention

-

Response

-

Storage

-

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

Disposal

-

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), 1,2-benzisothiazol-3(2H)-on. May produce an allergic reaction.

EUH210, Safety data sheet available on request.

The product contains a biocidal product.

VOC

VOC content: < 10 g/L

MAXIMUM VOC CONTENT (Phase II, category A/a (WB): 30 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
Titandioxid	CAS No.: 13463-67-7 EC No.: 236-675-5 REACH: 01-2119489379-17 Index No.:	15-25%		
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	
vinyl acetate	CAS No.: 108-05-4 EC No.: 203-545-4 REACH: Index No.: 607-023-00-0	<0.01%	Flam. Liq. 2, H225 Acute Tox. 4, H332 STOT SE 3, H335 Carc. 2, H351	
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

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

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

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 chemical emergency services on 45 90 60 00 (24 h service) in order to obtain further advice.

Fire fighters should wear appropriate personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

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

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

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/m³): 6 (som Ti)

Annotations:

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

methanol

Long term exposure limit (8 hours) (mg/m³): 260

Long term exposure limit (8 hours) (ppm): 200

Short term exposure limit (15 minutes) (mg/m³): 520

Short term exposure limit (15 minutes) (ppm): 400

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)

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 kræfttrisiko ved arbejde med stoffer og materialer.

DNEL

Titandioxid

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

PNEC

Titandioxid

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	-	0,184 mg/l

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

Freshwater sediment	-	1000 mg/l
Intermittent release	-	0,193 mg/l
Marine water	-	0,0184 mg/l
Marine water sediment	-	100 mg/Kg
Sewage treatment plant	-	100 mg/l
Soil	-	100 mg/l

8.2. Exposure controls

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

No specific requirements.

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
Spray Application	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	30	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, Characteristic
pH
8-9
Density (g/cm ³)
1,46
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)
100
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.
Flammability (°C)
Testing not relevant or not possible due to the nature of the product.
Auto-ignition temperature (°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)
< 10
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 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 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 methanol
 Test method:
 Species: Rat
 Route of exposure: Oral
 Test: LD50
 Result: 5628 mg/kg
 Other information:

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

Product/substance: methanol
 Test method:
 Species: Mouse
 Route of exposure: Oral
 Test: LD50
 Result: 7300 mg/kg
 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: 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.

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

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 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

Not applicable.

Other information

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

Talc has been classified by IARC as a group 2B / 3 (Talc not containing asbestos or asbestiform fibres) 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:	
Species:	Algae
Compartment:	
Duration:	72 hours
Test:	EC50
Result:	61 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
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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:

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

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 ·

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

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

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

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

12.3. Bioaccumulative potential

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

Not applicable.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

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

EWC code

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

Specific labelling

Not applicable.

Contaminated packing

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

SECTION 14: Transport information

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

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

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

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

methanol

REACH, Annex XVII

methanol is subject to REACH restrictions, REACH annex XVII (entry 69).

Additional information

Code number (1993): 00-1

Sources

Executive Order no. 372 of 25 April 2016 on control of the risk of major accidents with dangerous substances.
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

H071, Corrosive to the respiratory tract.
H225, Highly flammable liquid and vapour.
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.
H332, Harmful if inhaled.
H335, May cause respiratory irritation.
H351, Suspected of causing cancer.
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]

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

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

Not applicable.

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