

# SAFETY DATA SHEET

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

1.1. Product identifier

Trade name 975 DK Interior T265 Product no. 975118 REACH registration number Not applicable Unique formula identifier (UFI)

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

Relevant identified uses of the substance or mixture NA Uses advised against

The full text of any mentioned and identified use categories are given in section 16

## 1.3. Details of the supplier of the safety data sheet

## **Company and address**

Beck & Jorgensen A/S Rosenkaeret 25-29 DK2860 Soeborg, Denmark Phone: +45 39 53 03 11 www.bj.dk Contact person

Mikael Jensen E-mail miljo@bj.dk SDS date 2018-12-19 SDS Version

2.0

## 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h 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

-

✓Hazard statement(s)

Not applicable

Precautionary statements

General

Prevention

Avoid breathing mist/vapours/fume/spray. (P261).

[In case ofinadequate ventilation] wear respiratory protection. (P284).

Response
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Storage Disposal

## Videntity of the substances primarily responsible for the major health hazards Not applicable

## ▼2.3. Other hazards

## Not applicable

## **V**Additional labelling

Contains 1,2-benzisothiazol-3(2H)-on, 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6]. May produce an allergic reaction. (EUH208). Safety data sheet available on request. (EUH210)

## **V**Additional warnings

## Not applicable

## VOC (volatile organic compound)

VOC-Max: <2,5 g/l, MAXIMUM VOC CONTENT (A/d (WB)): 130 g/l.

## **SECTION 3: Composition/information on ingredients**

## ▼3.1/3.2. Substances/Mixtures

NAME: IDENTIFICATION NOS.: CONTENT: CLP CLASSIFICATION:	Titandioxid CAS-no: 13463-67-7 EC-no: 236-675-5 REACH-no: 01-2119489379-17 5 - <10%
NAME: IDENTIFICATION NOS.: CONTENT: CLP CLASSIFICATION:	1,2-benzisothiazol-3(2H)-on CAS-no: 2634-33-5 EC-no: 220-120-9 Index-no: 613-088-00-6 <0.01% Acute tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1 H302, H315, H317, H318, H400
NAME: IDENTIFICATION NOS.: CONTENT: CLP CLASSIFICATION:	5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol- 3-on [EU-No.220-239-6] CAS-no: 55965-84-9 Index-no: 613-167-00-5 <0.0015% Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1A, Eye Dam. 1, Acute Tox. 3, Aquatic Acute 1, Aquatic Chronic 1 H301, H311, H314, H317, H318, H331, H400, H410 (M-acute = 1) (M-chronic = 1)
NAME: IDENTIFICATION NOS.: CONTENT: CLP CLASSIFICATION:	2-methyl-2H-isothiazol-3-one CAS-no: 2682-20-4 EC-no: 220-239-6 <0.0015% Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1A, Eye Dam. 1, Acute Tox. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 2 H301, H314, H317, H318, H330, H335, H400, H411 (M-acute = 1)

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

## **Other information**

ATEmix (inhale, vapour) > 20 ATEmix (inhale, dust/mist) > 5 ATEmix (dermal) > 2000 ATEmix (oral) > 2000 N acute (CAT 1) Sum = Sum(Ci/M(acute)i\*25) = 0,0128576 - 0,0192864

## **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. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). 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**

Bring the person into fresh air and stay with him/her.



## Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

#### **V**Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 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

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

- This product contains substances that may trigger an allergic reaction to predisposed persons.
- **V**4.3. Indication of any immediate medical attention and special treatment needed
  - Nothing special

## Information to medics

Bring this safety data sheet.

## **SECTION 5: Firefighting measures**

#### ▼5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

## **V**5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Some metal oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. 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.

#### ▼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 No specific requirements.

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

Use sand, sawdust, 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.

#### **V** 6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

#### **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

- **7.2.** Conditions for safe storage, including any incompatibilities
  - Always store in containers of the same material as the original container.

## Storage temperature

No data available.



## **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

## **VOEL**

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

#### VDNEL / PNEC

DNEL (Titandioxid): 700 mg/kg bw /day Exposure: Oral Duration of Exposure: Long term – Systemic effects - General population

DNEL (Titandioxid): 10 mg/m3 Exposure: Inhalation Duration of Exposure: Long term – Local effects - Workers

PNEC (Titandioxid): 100 mg/Kg Exposure: Marine w ater sediment

PNEC (Titandioxid): 0,0184 mg/l Exposure: Marine w ater

PNEC (Titandioxid): 0,184 mg/l Exposure: Freshw ater

PNEC (Titandioxid): 1000 mg/l Exposure: Freshw ater sediment

PNEC (Titandioxid): 100 mg/l Exposure: Sew age Treatment Plant

PNEC (Titandioxid): 0,193 mg/l Exposure: Intermittent release

PNEC (Titandioxid): 100 mg/l Exposure: Soil

## 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

#### **General recommendations**

**V** Smoking, eating and drinking are not allowed in the work premises

#### Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

## Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

#### Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

#### **V**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



Use only CE marked protective equipment.



#### **Respiratory Equipment**

In case of spray application: Use mask with particle filter S/SL

## Skin protection

Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester. Chemical resistant suit with helmet/hood (Type 4, 5, 6 Category III) is recommended for spray applications.

## **Hand protection**

## Nitrile rubber

Breakthrough time: > 60 minutes (Class 3)

## **Eye protection**

Wear face shield alternatively safety glasses with side shields.

## **SECTION 9: Physical and chemical properties**

# **V**9.1. Information on basic physical and chemical properties

• 9.1. Information on basic physical and chemical propert	162	
Form	Liquid	
Colour	Transparent white	
Odour	Characteristic	
Odour threshold (ppm)	No data available.	
pH	No data available.	
Viscosity (40°C)	No data available.	
Density (g/cm <sup>3</sup> )	1,2	
<b>V</b> Phase changes		
Melting point (°C)	No data available.	
Boiling point (°C)	No data available.	
Vapour pressure	No data available.	
Decomposition temperature (°C)	No data available.	
Evaporation rate (n-butylacetate = 100)	No data available.	
Data on fire and explosion hazards		
Flash point (°C)	No data available.	
Ignition (°C)	No data available.	
Auto flammability (°C)	No data available.	
Explosion limits (% v/v)	No data available.	
Explosive properties	No data available.	
▼ Solubility		
Solubility in water	Soluble	
n-octanol/water coefficient	No data available.	
V9.2. Other information		
Solubility in fat (g/L)	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 the section "Handling and storage".
10.3. Possibility of hazardous reactions
Nothing special
▼ 10.4. Conditions to avoid
Nothing 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 toxicological effects



Acute toxicity Substance: 2-methyl-2H-isothiazol-3-one Species: Rabbit Test: LD50 Route of exposure: Dermal Result: 242 mg/Kg Substance: 2-methyl-2H-isothiazol-3-one Species: Rat Test: LD50 Route of exposure: Oral Result: 183 mg/Kg Substance: 2-methyl-2H-isothiazol-3-one Species: Rat Test: LC50 Route of exposure: Inhalation Result: 0,11 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Rabbit Test: LD50 Route of exposure: Dermal Result: 200 - 1000 mg/Kg Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Rat Test: LD50 Route of exposure: Oral Result: 49,6 - 75 mg/Kg Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Rat Test: LC50 Route of exposure: Inhalation Result: 0,33 mg/l, 4 h, aerosol Substance: 1,2-benzisothiazol-3(2H)-on Species: Rat Test: LD50 Route of exposure: Dermal Result: 4115 mg/Kg Substance: 1,2-benzisothiazol-3(2H)-on Species: Rat Test: LD50 Route of exposure: Oral Result: 1193 mg/Kg Substance: Titandioxid Species: Rat Test: LD50 Route of exposure: Oral Result: >5000 mg/Kg Substance: Titandioxid Species: Rat Test: LC50 Route of exposure: Inhalation Result: > 3,43 - 5,09 mg/l Skin corrosion/irritation Data on substance: 1,2-benzisothiazol-3(2H)-on Test: OECD Guideline 404 Organism: Rabbit Result: Irriterer huden Serious eye damage/irritation Data on substance: 1,2-benzisothiazol-3(2H)-on Test: no guideline followed Result: Can course serious eye damage Respiratory or skin sensitisation Data on substance: 2-methyl-2H-isothiazol-3-one



Data on substance: 2-methyl-2H-isothiazol-3-one Organism: Human Result: Can course allergic reaction at skin contact

Data on substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2Hisothiazol-3-on [EU-No.220-239-6] Organism: Human Result: Can course allergic reaction at skin contact

Data on substance: 1,2-benzisothiazol-3(2H)-on Organism: Human Result: Can course allergic reaction at skin contact

Data on substance: TitandioxidThis product contains substances that may trigger an allergic reaction to predisposed persons.

#### Germ cell mutagenicity

Data on substance: 2-methyl-2H-isothiazol-3-one

Data on substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2Hisothiazol-3-on [EU-No.220-239-6] Result: No effect in experiments on animals No adverse effect observed.

Data on substance: Titandioxid No adverse effect observed.

## Carcinogenicity

Data on substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2Hisothiazol-3-on [EU-No.220-239-6] Result: No effect in experiments on animals No adverse effect observed.

Data on substance: Titandioxid No adverse effect observed.

## Reproductive toxicity

Data on substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2Hisothiazol-3-on [EU-No.220-239-6] Result: No effect in experiments on animals No adverse effect observed.

Data on substance: Titandioxid No adverse effect observed. STOT-single exposure Data on substance: 1,2-benzisothiazol-3(2H)-on ▼STOT-repeated exposure No data available. ▼Aspiration hazard No data available. ▼Long term effects Nothing special

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Substance: 2-methyl-2H-isothiazol-3-one Species: Fish Test: LC50 Duration: 96 h Result: 4,77 mg/l

Substance: 2-methyl-2H-isothiazol-3-one Species: Daphnia



Test: EC50 Duration: 48 h Result: 0,18 mg/l Substance: 2-methyl-2H-isothiazol-3-one Species: Algae Test: EC50 Duration: 72 h Result: 0,16 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Fish Test: LC50 Duration: 96 h Result: 0,19 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Daphnia Test: EC50 Duration: 48 h Result: 0,16 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Algae Test: EC50 Duration: 72 h Result: 0,379 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Algae Test: EC50 Duration: 96 h Result: 0,166 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Algae Test: NOEC Duration: 96 h Result: 0,032 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Daphnia Test: EC50 Duration: 21 days Result: > 1 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Daphnia Test: EC50 Duration: 48 h Result: 1,02 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Fish Test: LC50 Duration: 96 h Result: 0,58 mg/l Substance: 5-chlor-2-methyl-2H-isothiazol-3-on [EU-No.247-500-7], mix (3:1) 2-methyl-2H-isothiazol-3-on [EU-No.220-239-6] Species: Fish Test: NOEC Duration: 34 days Result: 0,5 mg/l Substance: 1,2-benzisothiazol-3(2H)-on Species: Fish Test: LC50 Duration: 96 h Result: 1,3 mg/l Substance: 1,2-benzisothiazol-3(2H)-on Species: Daphnia Test: EC50 Duration: 96 h Result: 1,5 mg/l



Substance: 1,2-benzisothiazol-3(2H)-on Species: Algae Test: EC50 Duration: 48 h Result: 0,055 mg/l Substance: 1,2-benzisothiazol-3(2H)-on Species: Daphnia Test: EC50 Duration: 48 h Result: 2,94 mg/l Substance: 1,2-benzisothiazol-3(2H)-on Species: Algae Test: EC50 Duration: 24 h Result: 0,11 mg/l Substance: 1,2-benzisothiazol-3(2H)-on Species: Fish Test: NOEC Duration: Result: 0,21 mg/l Substance: 1,2-benzisothiazol-3(2H)-on Species: Daphnia Test: NOEC Duration: 21 days Result: 1,2 mg/l Substance: Titandioxid Species: Fish Test: LC50 Duration: 96 h Result: >1000 mg/l Substance: Titandioxid Species: Daphnia Test: EC50 Duration: 48 h Result: >1000 mg/l Substance: Titandioxid Species: Algae Test: EC50 Duration: 72 h Result: 61 mg/l 12.2. Persistence and degradability Substance **Biodegradability** Test Result 1,2-benzisothiazol-3(2H)-on Yes No data available No data available 12.3. Bioaccumulative potential Substance Potential bioaccumulation LogPow BCF 5-chlor-2-methyl-2H-isothiazol... No 0,4 3,6 1,2-benzisothiazol-3(2H)-on 1,3 No data available No 12.4. Mobility in soil 5-chlor-2-methyl-2H-isothiazol...: Log Koc= 0,39516, Calculated from LogPow (High mobility potential.). 1,2-benzisothiazol-3(2H)-on: Log Koc= 1,10787, Calculated from LogPow (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.** 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 due to poor biodegradability, 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.

- Waste
  - EWC code 08 01 12
- waste paint and varnish other than those mentioned in 08 01 11
- **V**Specific labelling
  - Not applicable
- Contaminated packing No specific requirements.

## **SECTION 14: Transport information**

## 14.1 - 14.4

Not dangerous goods according to ADR, IATA and IMDG.

ADR/RID

14.1. UN number	-
14.2. UN proper shipping name	-
14.3. Transport hazard class(es)	-
14.4. Packing group	-
Notes	-
Tunnel restriction code	-
<b>VIMDG</b>	
UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
Em S	-
MP**	-
Hazardous constituent	-
UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-

## 14.5. Environmental hazards

- 14.6. Special precautions for user
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code No data available
- (\*) Packing group (\*\*) Marine pollutant

## **SECTION 15: Regulatory information**

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

## **Restrictions** for application

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

## Additional information

Not applicable

Seveso



#### Sources

Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP). Regulation (EC) 1907/2006 (REACH).

15.2. Chemical safety assessment

No

## **SECTION 16: Other information**

## Full text of H-phrases as mentioned in section 3

H301 - Toxic if swallowed.

- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.

H317 - May cause an allergic skin reaction.

- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H331 Toxic 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.

The full text of identified uses as mentioned in section 1

## **Additional label elements**

Not applicable

#### Other

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.

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.

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

The safety data sheet is validated by admin

Date of last essential change (First cipher in SDS version) 2015-01-11(1.0) Date of last minor change (Last cipher in SDS version)

2015-01-11

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