



## SAFETY DATA SHEET

# 220022 Malerfuge Hvid

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

#### 1.1. Product identifier

Trade name

220022 Malerfuge Hvid

Product no.

220022

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

Relevant identified uses of the substance or mixture

Elastisk fugemasse.

▼ 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

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Revision

15/07/2024

SDS Version

3.0

Date of previous version

28/06/2022 (2.0)

#### 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.

Precautionary statement(s)

General

-

Prevention

-

Response

-  
Storage

-  
Disposal

▼ Hazardous substances

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)

▼ Additional labelling

Not applicable.

2.3. Other hazards

▼ Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.  
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
1,2-benzisothiazol-3(2H)-on	CAS No.: 2634-33-5 EC No.: 220-120-9 REACH: Index No.: 613-088-00-6	<0.1%	Acute Tox. 4, H302 (ATE: 532.00 mg/kg) Skin Irrit. 2, H315 Skin Sens. 1, H317 (SCL: 0.036 %) Eye Dam. 1, H318 Acute Tox. 2, H330 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	<0.01%	EUH071 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 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

-

### 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

In case of discomfort: bring the person into fresh air.

▼ Skin contact



Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

▼ **Eye contact**

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

▼ **Ingestion**

Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

▼ **Burns**

Not applicable.

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

None known.

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

Treat symptomatically.

**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.

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 72 85 20 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.

Keep unauthorized persons away from the spill

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**

No special conditions required.

**Recommended storage material**

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

**Storage conditions**

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

No substances are listed in the national list of substances with an occupational exposure limit.

#### ▼ DNEL

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	20 µg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	20 µg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	40 µg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	40 µg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	90 µg/kgbw/day
Short term – Systemic effects - General population	Oral	110 µg/kgbw/day

#### ▼ PNEC

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		3.39 µg/L
Freshwater sediment		27 µg/kg
Intermittent release (freshwater)		3.39 µg/L
Intermittent release (marine water)		3.39 µg/L
Marine water		3.39 µg/L
Marine water sediment		27 µg/kg
Sewage treatment plant		230 µg/L
Soil		10 µg/kg

### 8.2. ▼ Exposure controls

Apply general control to prevent unnecessary exposure

#### 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

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 vapours.

#### ▼ Hygiene measures

Wash hands after use.

#### ▼ Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment

#### ▼ Generally

In the event the work process is within scope of the Danish statutory order on work with code numbered products (Work Inspectorate Order no. 302/1993), then personal protection equipment shall be selected as set out herein. If applicable, please refer to the code number of this product in section 15.

Use only CE marked protective equipment.

#### Respiratory Equipment

No specific requirements

#### ▼ Skin protection

No specific requirements.

#### 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

Paste

#### Colour

White

#### Odour / Odour threshold

Characteristic

#### pH

7-9

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

1.62

#### ▼ Kinematic viscosity

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

#### ▼ Particle characteristics

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

#### Phase changes

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

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

#### ▼ Softening point/range (°C)

No data available.

#### 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)

420

#### ▼ 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 (LogKow)

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

#### ▼ Other physical and chemical parameters

No data available.

▼ **Oxidizing properties**

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

**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	1,2-benzisothiazol-3(2H)-on
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1193 mg/Kg ·

Product/substance	1,2-benzisothiazol-3(2H)-on
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	4115 mg/Kg ·

▼ **Skin corrosion/irritation**

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

▼ **Serious eye damage/irritation**

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

**Respiratory sensitisation**

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

▼ **Skin sensitisation**

Product/substance	1,2-benzisothiazol-3(2H)-on
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:	OECD 406
Other information:	Can course allergic reaction at skin contact

▼ **Germ cell mutagenicity**

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

▼ **Carcinogenicity**

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

▼ **Reproductive toxicity**

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

#### 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

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### ▼ Other information

None known.

## SECTION 12: Ecological information

### 12.1. ▼ Toxicity

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

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

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

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

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

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

Product/substance	1,2-benzisothiazol-3(2H)-on
Species:	Daphnia
Duration:	21 days
Test:	NOEC
Result:	1,2 mg/l ·

Product/substance	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
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Test method: OECD 201  
 Species: Algae, *Pseudokirchneriella subcapitata*  
 Compartment: Water  
 Duration: 72 hours  
 Test: EC50  
 Result: 0,048 mg/L

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
 Test method: OECD 202  
 Species: *Daphnia*, *Daphnia magna*  
 Compartment: Water  
 Duration: 48 hours  
 Test: EC50  
 Result: 0,1 mg/L

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
 Test method: OECD 201  
 Species: Algae, *Skeletonema costatum*  
 Compartment: Water  
 Duration: 48 hours  
 Test: EC50  
 Result: 0,0052 mg/L

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
 Test method: OECD 203  
 Species: Fish, *Oncorhynchus mykiss*  
 Compartment: Water  
 Duration: 96 hours  
 Test: LC50  
 Result: 0,22 mg/L

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
 Test method: OECD 211  
 Species: *Daphnia*, *Daphnia magna*  
 Compartment: Water  
 Duration: 21 days  
 Test: NOEC  
 Result: 0,004 mg/L

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
 Test method: OECD 215  
 Species: Fish, *Oncorhynchus mykiss*  
 Compartment: Water  
 Duration: 28 days  
 Test: NOEC  
 Result: 0,098 mg/L

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
 Test method: OECD 209  
 Compartment: Sewage treatment plant  
 Duration: 3 hours  
 Test: EC50  
 Result: 7,92 mg/L

## 12.2. ▼ Persistence and degradability

Product/substance 1,2-benzisothiazol-3(2H)-on  
 Conclusion: Readily biodegradable

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
 Result: 60 %  
 Conclusion: -  
 Test: OECD 301 D

## 12.3. ▼ Bioaccumulative potential

Product/substance 1,2-benzisothiazol-3(2H)-on  
 LogKow: 1,3000



Conclusion: No potential for bioaccumulation

12.4. ▼ **Mobility in soil**

No data available.

12.5. ▼ **Results of PBT and vPvB assessment**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. ▼ **Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. ▼ **Other adverse effects**

None known.

SECTION 13: Disposal considerations

13.1. ▼ **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 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09

▼ **Specific labelling**

Not applicable.

Contaminated packing

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

SECTION 14: Transport information

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

\* Packing group

\*\* Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. ▼ **Special precautions for user**

Not applicable.

14.7. ▼ **Maritime transport in bulk according to IMO instruments**

No data available.

SECTION 15: Regulatory information

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

▼ **Restrictions for application**

No special.

▼ **Demands for specific education**

No specific requirements.

▼ **SEVESO - Categories / dangerous substances**

Not applicable.

▼ **Regulation on work involving coded products**

Code number (1993): 00-1.

▼ **Additional information**

Not applicable.

▼ **Sources**

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

H301, Corrosive to the respiratory tract.  
H301, Toxic if swallowed.  
H302, Harmful if swallowed.  
H310, Fatal 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.  
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 (European conformity)  
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  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
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



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

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vPvB = Very Persistent and Very Bioaccumulative

▼ **Additional information**

In accordance with Article 31 of REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required under Article 32 of REACH.

The safety data sheet is validated by

MVP

▼ **Other**

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