SAFETY DATA SHEET

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

1.1. Product identifier

Trade name
119 Grundspartel Let Grov
Product no.
119100
REACH registration number
Not applicable

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
DK-2860 Soeborg, Denmark
Phone: +45 39 53 03 11
www.bj.dk
Contact person
Mikael Jensen
E-mail
miljo@bj.dk
SDS date
2020-08-17
SDS Version
1.0

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	-
Response	-
Storage	-
Disposal	-

Identity of the substances primarily responsible for the major health hazards

Not applicable

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)

Unique formula identifier (UFI)

-

2.3. Other hazards

Not applicable

Additional warnings

Not applicable

VOC (volatile organic compound)

Not applicable

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	1,2-benzisothiazol-3(2H)-on
IDENTIFICATION NOS.:	CAS-no: 2634-33-5 EC-no: 220-120-9 Index-no: 613-088-00-6
CONTENT:	<0.05%
CLP CLASSIFICATION:	Acute tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1 H302, H315, H317, H318, H400
NAME:	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]
IDENTIFICATION NOS.:	CAS-no: 55965-84-9 Index-no: 613-167-00-5
CONTENT:	<0.0015%
CLP CLASSIFICATION:	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)

(*) 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 chronic (CAT 4) Sum = Sum(Ci/(M(chronic)i*25)*0.1*10^CAT4) = 0,00004768 - 0,00007152
N acute (CAT 1) Sum = Sum(Ci/M(acute)i*25) = 0,004768 - 0,007152

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.

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

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

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.

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. 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.

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

OEL

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

DNEL / PNEC

No data available

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

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.

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

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

No specific requirements.

Hand protection

Nitrile rubber

Discard immediately after use

Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Paste
Colour	Light gray
Odour	No data available.
Odour threshold (ppm)	No data available.
pH	8,5 - 9
Viscosity (40°C)	No data available.
Density (g/cm³)	0,9
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.

9.2. 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: 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

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: 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]

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 contactThis product contains substances that may trigger an allergic reaction to predisposed persons.

Germ cell mutagenicity

Data on 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]
Result: No effect in experiments on animals
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-2H-isothiazol-3-on [EU-No.220-239-6]
Result: No effect in experiments on animals
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-2H-isothiazol-3-on [EU-No.220-239-6]
Result: No effect in experiments on animals
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: 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: 0,10 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: 0,048 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: 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: 48 h
Result: 0,00064 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: NOEC
Duration: 21 d
Result: 0,004 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: 28 d
Result: 0,098 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: 72 h
Result: 0,0012 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

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	No	1,3	No data available

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 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	
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

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	-

IMDG

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
EmS	-

MP**	-
Hazardous constituent	-

IATA/ICAO

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
-

Biocidal reg. no.
Not applicable

Sources
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.
H331 - Toxic if inhaled.
H400 - Very toxic to aquatic life.
H410 - Very 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)

-

Date of last minor change
(Last cipher in SDS version)

-