



Sustainable insulation solutions

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 as amended by Commission Regulation (EU) 2020/878  
and Regulation (EC) No. 1272/2008

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Revision Number 1

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

### 1.1. Product identifier

Product Name Vario DoubleFit +

Synonyms None

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

Recommended use Sealant

Uses advised against No specific uses advised against are identified

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

#### Supplier

Saint-Gobain Construction Products (Ireland) Limited  
Unit 4 Kilcarbery Business Park  
Nangor Road  
Dublin 22  
D22 R2Y7  
Ireland  
Tel: +353 (0)1 629 8444

#### For further information, please contact

E-mail address info@isover.ie

### 1.4. Emergency telephone number

Emergency telephone ROI: 1800 744480  
NI: 0845 3990159  
(Monday - Friday, 9am - 5pm)  
  
Europe emergency contact number: 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

*Regulation (EC) No 1272/2008*

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.2. Label elements

#### Hazard statements

Not classified

EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction

**Precautionary Statements - EU (§28, 1272/2008)**

P102 - Keep out of reach of children

**Biocide Labelling:** Contains 1,2-Benzisothiazol-3(2H)-one, C(M)IT/MIT (3:1) to prevent microbial deterioration.**2.3. Other hazards**

The product does not contain any substance(s) classified as PBT or vPvB.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
1,2-Benzisothiazol-3(2H)-one 2634-33-5	0.005 - <0.05%	-	(613-088-00-6) 220-120-9	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	Skin Sens. 1 :: C>=0.05%	1	-
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 55965-84-9	0.00015 - <0.0015%	No data available	611-341-5	Acute Tox. 3 (H301) Acute Tox. 2 (H310) Acute Tox. 2 (H330) Skin Corr. 1C (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH071)	Eye Irrit. 2 :: 0.06%<=C<0.6% % Skin Corr. 1C :: C>=0.6% Skin Irrit. 2 :: 0.06%<=C<0.6% % Skin Sens. 1A :: C>=0.0015% Eye Dam. 1 :: C>=0.6%	100	100

**Full text of H- and EUH-phrases: see section 16**

**Acute Toxicity Estimate**

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE<sub>mix</sub>) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
1,2-Benzisothiazol-3(2H)-one 2634-33-5	490	>2000	-	-	-
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 55965-84-9	64	87.12	0.171	-	-

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>General advice</b>	Get medical attention if irritation or other symptoms occur. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
<b>Eye contact</b>	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	Wash skin with soap and water. Get medical attention if irritation develops and persists. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Get medical attention if symptoms occur. Do not induce vomiting without medical advice. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Never give anything by mouth to an unconscious person.

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

<b>Symptoms</b>	May cause temporary eye irritation. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation in susceptible persons. May cause discomfort if swallowed.
<b>Effects of Exposure</b>	No information available.

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

<b>Note to doctors</b>	Treat symptomatically.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable Extinguishing Media** Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray. Use extinguishing agent suitable for type of surrounding fire.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

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

**Specific hazards arising from the chemical** None known.

**Hazardous combustion products** Harmful gases or vapours. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

### **5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Do not handle until all safety precautions have been read and understood. Do not touch or walk through spilled material. Wear personal protective clothing (see section 8). Wash thoroughly after handling.

**For emergency responders** Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

**Environmental precautions** Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Clear up spills immediately and dispose of waste safely. Use personal protection recommended in Section 8. Small spill: Wipe up with absorbent material (eg. cloth, fleece). Large spill: Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labelled containers. Wash thoroughly after handling.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

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

**Reference to other sections** See section 8 for more information See section 13 for more information

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

### **7.1. Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Read carefully and

follow all instructions. Keep out of reach of children. Wear personal protective equipment. See section 8 for more information. Avoid contact with skin and eyes. Keep away from food, drink and animal feedingstuffs. Keep container closed when not in use. Avoid generation of dust.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store away from incompatible materials. Keep container upright. Store at room temperature. Store in a dry place. Store in a closed container. Protect from physical damage. Store in accordance with local regulations. Keep from freezing.

### 7.3. Specific end use(s)

**Specific use(s)** The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

#### Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Calcium carbonate 471-34-1	-	-	-	-	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 55965-84-9	-	TWA: 0.05 mg/m <sup>3</sup> Sh+	-	-	-
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Calcium carbonate 471-34-1	TWA: 10 mg/m <sup>3</sup>	-	-	-	-
1,2-Benzisothiazol-3(2H)-one 2634-33-5	-	-	skin sensitizer	-	-
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Calcium carbonate 471-34-1	-	-	-	TWA: 6 mg/m <sup>3</sup>	-
1,2-Benzisothiazol-3(2H)-one 2634-33-5	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>	-	-	-	-
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Calcium carbonate 471-34-1	-	-	-	-	TWA: 10 mg/m <sup>3</sup>
Chemical name	Sweden		Switzerland		United Kingdom
Calcium carbonate 471-34-1	-		TWA: 3 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 55965-84-9	-		S+ TWA: 0.2 mg/m <sup>3</sup> STEL: 0.4 mg/m <sup>3</sup>		-

**Biological occupational exposure limits****Derived No Effect Level (DNEL) - Workers** No information available

Chemical name	Oral	Dermal	Inhalation
Calcium carbonate 471-34-1	-	-	6.36 mg/m <sup>3</sup> [5] [6]
1,2-Benzisothiazol-3(2H)-one 2634-33-5	-	0.966 mg/kg bw/day [4] [6]	6.81 mg/m <sup>3</sup> [4] [6]
Reaction mass of 5-chloro-2-methyl- 2H-isothiazol-3-one and 2-methyl-2H- isothiazol-3-one (3:1) 55965-84-9	-	-	0.02 mg/m <sup>3</sup> [5] [6] 0.04 mg/m <sup>3</sup> [5] [7]

**Derived No Effect Level (DNEL) - General Public** No information available.

Chemical name	Oral	Dermal	Inhalation
Calcium carbonate 471-34-1	6.1 mg/kg bw/day [4] [6] 6.1 mg/kg bw/day [4] [7]	-	1.06 mg/m <sup>3</sup> [5] [6]
1,2-Benzisothiazol-3(2H)-one 2634-33-5	-	-	1.2 mg/m <sup>3</sup> [4] [6]
Reaction mass of 5-chloro-2-methyl- 2H-isothiazol-3-one and 2-methyl-2H- isothiazol-3-one (3:1) 55965-84-9	0.09 mg/kg bw/day [4] [6] 0.11 mg/kg bw/day [4] [7]	-	0.02 mg/m <sup>3</sup> [5] [6] 0.04 mg/m <sup>3</sup> [5] [7]

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
1,2-Benzisothiazol-3(2H)- one 2634-33-5	4.03 µg/L	1.1 µg/L	0.403 µg/L	110 ng/L	-
Reaction mass of 5-chloro- 2-methyl-2H-isothiazol-3- one and 2-methyl-2H- isothiazol-3-one (3:1) 55965-84-9	3.39 µg/L	3.39 µg/L	3.39 µg/L	3.39 µg/L	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Calcium carbonate 471-34-1	-	-	100 mg/L	-	-
1,2-Benzisothiazol-3(2H)- one 2634-33-5	49.9 µg/kg sediment dw	4.99 µg/kg sediment dw	1.03 mg/L	3 mg/kg soil dw	-
Reaction mass of 5-chloro- 2-methyl-2H-isothiazol-3- one and 2-methyl-2H- isothiazol-3-one (3:1)	0.027 mg/kg sediment dw	0.027 mg/kg sediment dw	0.23 mg/L	0.01 mg/kg soil dw	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
55965-84-9					

## 8.2. Exposure controls

### Engineering controls

Ensure adequate ventilation, especially in confined areas. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.

### Personal protective equipment

#### Eye/face protection

If there is a risk of contact: Tight sealing safety goggles. Eye protection must conform to standard EN 166.

#### Hand protection

Wear suitable gloves. Butyl rubber. Neoprene gloves. Nitrile rubber. Thickness:  $\geq 0.5$  mm. Break through time.  $\geq 480$  min. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. Gloves must conform to standard EN 374.

#### Skin and body protection

Wear suitable protective clothing.

#### Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. In case of insufficient ventilation, wear suitable respiratory equipment. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.

**Environmental exposure controls** Prevent product from entering drains.

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

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

Appearance	Paste
Physical state	Liquid
Colour	According to product specification
Odour	Characteristic
Odour threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point		No data available
Initial boiling point and boiling range		No data available
Flammability		No data available
Flammability Limit in Air Upper flammability or explosive		No data available

limits		
Lower flammability or explosive limits		No data available
Flash point		No data available
Autoignition temperature		No data available
Decomposition temperature		No data available
pH	8	No data available
pH (as aqueous solution)		No data available
Kinematic viscosity		No data available
Dynamic viscosity		No data available
Water solubility		No data available
Solubility(ies)	Insoluble	No data available
Partition coefficient		No data available
Vapour pressure		No data available
Relative density	1.25	No data available
Bulk density		No data available
Liquid Density		No data available
Vapour density		No data available
Particle characteristics		
Particle Size		No data available
Particle Size Distribution		No data available

## 9.2. Other information

### 9.2.1. Information with regards to physical hazard classes

Not applicable

### 9.2.2. Other safety characteristics

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity None under normal use conditions.

### 10.2. Chemical stability

Stability Stable under normal conditions.

### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

### 10.5. Incompatible materials

Incompatible materials None known.

### 10.6. Hazardous decomposition products



**Hazardous decomposition products** None under normal use conditions.

## **SECTION 11: Toxicological information**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

#### **Information on likely routes of exposure**

##### **Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. May cause temporary eye irritation.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. May cause sensitisation in susceptible persons. Prolonged or repeated contact may dry skin and cause irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. May cause gastrointestinal discomfort if consumed in large amounts.

#### **Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	May cause temporary eye irritation. May cause discomfort if swallowed. Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation in susceptible persons.
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#### **Acute toxicity**

##### **Numerical measures of toxicity**

No information available.

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium carbonate	> 2000 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	>3 mg/L ( Rat ) 4h
1,2-Benzisothiazol-3(2H)-one	490 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	64 mg/kg (Rat)	87.12 mg/kg (Rat)	0.171 mg/L (Rat)

#### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

Component Information	
Calcium carbonate (471-34-1)	
Method	OECD Test No. 404: Acute Dermal Irritation/Corrosion
Exposure route	Dermal
Effective dose	0.5 g
Exposure time	4 hours
Results	non-irritant

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
Exposure route	Dermal
Effective dose	0.5 mL
Exposure time	4 hours
Results	Corrosive

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

Component Information	
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
Exposure route	Eye
Effective dose	0.1 mL
Exposure time	7
Results	Eye Damage

**Respiratory or skin sensitisation** May cause sensitisation in susceptible persons.

Component Information	
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
Method	OECD Test No. 406: Skin Sensitisation
Exposure route	Dermal
Results	Sensitising

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
Method	OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay
Exposure route	Dermal
Results	Sensitising

**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.

Component Information	
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
Method	OECD Test No. 416: Two-Generation Reproduction Toxicity
Results	Not Classifiable

**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** Not applicable.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

### 11.2.2. Other information

**Other adverse effects** None known based on information supplied.

**SECTION 12: Ecological information****12.1. Toxicity****Ecotoxicity**

Not considered to be harmful to aquatic life. Based on available data, the classification criteria are not met.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Calcium carbonate 471-34-1	-	LC50: > 100% (96h, <i>Oncorhynchus mykiss</i> )	-	EC50: > 100% (96h, <i>Daphnia magna</i> )
1,2-Benzisothiazol-3(2H)-one 2634-33-5	EC50: 150 µg/L (72h, <i>Pseudokirchneriella subcapitata</i> )	LC50: 16.7 mg/L (96h, <i>Cyprinodon variegatus</i> )	EC50: 13 mg/L (3h, Activated sludge)	EC50: 2.9 mg/L (48h, <i>Daphnia magna</i> )
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 55965-84-9	EC50: 6.3 µg/L (72h, <i>Skeletonema costatum</i> )	LC50: 0.19 mg/L (96h, <i>Oncorhynchus mykiss</i> )	EC50: 4.5 mg/L (3h, Activated sludge)	EC50: 0.16 mg/L (72h, <i>Daphnia magna</i> )

**12.2. Persistence and degradability****Persistence and degradability**

No information available.

Component Information			
1,2-Benzisothiazol-3(2H)-one (2634-33-5)			
Method	Exposure time	Value	Results
OECD Test No. 301C: Ready Biodegradability: Modified MITI Test (I) (TG 301 C)	63 days	85%	Not readily biodegradable

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)			
Method	Exposure time	Value	Results
OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B)	29 days	62%	Readily biodegradable, failing 10-d window

**12.3. Bioaccumulative potential****Bioaccumulation**

Not likely to bioaccumulate.

**Component Information**

Chemical name	Partition coefficient
1,2-Benzisothiazol-3(2H)-one	0.7
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	0.326 - 2.519

**12.4. Mobility in soil****Mobility in soil**

No information available.

**Mobility**

No information available.

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

The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Calcium carbonate 471-34-1	The substance is not PBT / vPvB PBT assessment does not apply
1,2-Benzisothiazol-3(2H)-one 2634-33-5	The substance is not PBT / vPvB
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 55965-84-9	The substance is not PBT / vPvB

## 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

## 12.7. Other adverse effects

**Other adverse effects** None known based on information supplied.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**Waste from residues/unused products** Recover or recycle if possible. This material and its container must be disposed of in a safe way. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since empty containers retain product residue, follow label warnings even after container is emptied.

**Waste codes / waste designations according to EWC / AVV** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## **SECTION 14: Transport information**

<b>IMDG</b>	Not regulated
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available
<b>RID</b>	Not regulated
14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	None
<b>ADR</b>	Not regulated

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	None

<u>IATA</u>	Not regulated
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	None
Note:	None

## SECTION 15: Regulatory information

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

#### National regulations

##### France

##### Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
1,2-Benzisothiazol-3(2H)-one 2634-33-5	RG 65

##### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

##### Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Calcium carbonate - 471-34-1	75.	-
1,2-Benzisothiazol-3(2H)-one - 2634-33-5	75.	-
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - 55965-84-9	75.	-

##### Persistent Organic Pollutants

Not applicable

##### Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Chemical name	EU - Plant Protection Products (1107/2009/EC)

Calcium carbonate - 471-34-1	Plant protection agent
<b>Chemical name</b>	<b>Biocidal Products Regulation (EU) No 528/2012 (BPR)</b>
1,2-Benzisothiazol-3(2H)-one - 2634-33-5	Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 6: Preservatives for products during storage Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides Product-type 13: Working or cutting fluid preservatives
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - 55965-84-9	Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 4: Food and feed area Product-type 6: Preservatives for products during storage Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides Product-type 13: Working or cutting fluid preservatives

**International Inventories**

Contact supplier for inventory compliance status

**15.2. Chemical safety assessment**

**Chemical Safety Report** Not applicable

**SECTION 16: Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**

- EUH071 - 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

**Legend**

- ATE: Acute Toxicity Estimate
- SVHC: Substances of Very High Concern for Authorisation:
- PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
- vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)
- Ceiling Maximum limit value \* Skin designation

**Classification procedure**

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

#### Key literature references and sources for data used to compile the SDS

U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
 European Chemicals Agency (ECHA) (ECHA\_API)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
 Organisation for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

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**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

#### Disclaimer

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**End of Safety Data Sheet**

