

Product name: TEGO® Foamex 2

# SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

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

### 1.1 Product identifier

**Product name:**  
TEGO® Foamex 2

**Chemical name:**  
Aqueous emulsion of oils and polymers

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

**Identified uses:** Industrial use

**Uses advised against:** None known.

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

Company Name : Evonik Operations GmbH  
Rellinghauser Str. 1-11  
45128 Essen  
Germany

Telephone : +49 201 173 01  
Fax : +49 201 173 3000  
E-mail : productsafety-sp@evonik.com

### 1.4 Emergency telephone number:

24-Hour Health : +49 2365 49 2232  
Emergency : +49 2365 49 4423 (Fax)

National Poison Information Service (NPIS)  
England, Scotland and Wales: NHS: 111

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567**

#### Health Hazards

Skin sensitizer Category 1 H317: May cause an allergic skin reaction.

### 2.2 Label Elements

**Product name: TEGO® Foamex 2**

**Signal Words:** Warning

**Hazard Statement(s):** H317: May cause an allergic skin reaction.

**Precautionary Statements**
**Prevention:**

 P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

 P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P362+P364: Take off contaminated clothing and wash it before reuse.

**Disposal:**

P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

**Hazardous ingredients which must be listed on the label:**

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)

**2.3 Other hazards**

None known.

**PBT/vPvB data**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients**
**Chemical name:**

Aqueous emulsion of oils and polymers

**3.2 Mixtures**

Chemical name	Concentration	CAS-No.	EC No.	UK-REACH Registration No.	REACH Registration No.	M-Factor:	Notes
1,2-benzisothiazol-3(2H)-one	0 - <0.05%	2634-33-5	220-120-9		01-212076154-0-60	Aquatic Toxicity (Acute): 1	
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin	0.0015 - <0.06%	55965-84-9	911-418-6		01-212076469-1-48	Aquatic Toxicity (Acute): 100; Aquatic	

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-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)						Toxicity (Chronic): 100	
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\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

# This substance has workplace exposure limit(s).

## This substance is listed as SVHC.

**Classification**

Chemical name	Classification	Notes
1,2-benzisothiazol-3(2H)-one	Classification: Acute Tox.: 4: H302; Acute Tox.: 2: H330; Skin Irrit.: 2: H315; Eye Dam.: 1: H318; Skin Sens.: 1: H317; Aquatic Acute: 1: H400; Aquatic Chronic: 2: H411;  Supplemental label information: None known.	None.
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)	Classification: 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;  Supplemental label information: EUH071;	Note B, EUH071

The full text for all H-statements is displayed in section 16.

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

<b>General information:</b>	Remove soiled or soaked clothing immediately
<b>Inhalation:</b>	fresh air supply, consult a doctor if feeling unwell. In case of discomfort: Supply with medical care.
<b>Skin Contact:</b>	In case of contact with skin wash off with soap and water. In case of discomfort: Supply with medical care.
<b>Eye contact:</b>	In case of contact with eyes rinse thoroughly with water. In case of discomfort: Supply with medical care.
<b>Ingestion:</b>	Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.
<b>Personal Protection for First-aid Responders:</b>	No data available.

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

<b>Symptoms:</b>	None known.
<b>Hazards:</b>	No data available.

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#### 4.3 Indication of immediate medical attention and special treatment needed

**Treatment:** Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.

**Unsuitable extinguishing media:** High volume water jet.

#### 5.2 Special hazards arising from the substance or mixture:

In the event of fire the following can be released: - carbon dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

#### 5.3 Advice for firefighters

**Special fire fighting procedures:** No specific precautions.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus. Do not inhale explosion and/or combustion gases.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment.

**6.1.1 For non-emergency personnel:** No data available.

**6.1.2 For emergency responders:** No data available.

**6.2 Environmental Precautions:** Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

**6.3 Methods and material for containment and cleaning up:** Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

**6.4 Reference to other sections:** For further information on exposure monitoring and disposal see sections 8 and 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

**Technical measures:** No data available.

**Local/Total ventilation:** No data available.

**Safe handling advice:** Avoid contact with eyes, skin and clothing. Assure appropriate ventilation. Do not inhale vapor or mist. Follow the instructions on the SDS label even if the container is empty, because there still might be residual product left inside the container. Wash thoroughly after work. Use only in well-ventilated areas.

**Product name: TEGO® Foamex 2**
**Contact avoidance measures:** No data available.

**7.2 Conditions for safe storage, including any incompatibilities**
**Safe storage conditions:** Keep away from food, drink and animal feeding stuffs. Keep container tightly closed and in a well-ventilated place. Do not store < 5 °C Do not keep at temperatures above 35 °C.

**Safe packaging materials:** No data available.

**7.3 Specific end use(s):** No further recommendations.

**SECTION 8: Exposure controls/personal protection**
**8.1 Control Parameters**
**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Biological Limit Values**

No biological exposure limits noted for the ingredient(s).

**DNEL-Values**

Remarks: DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
1-Docosanol	Workers	Inhalation	Local, long-term; 267 mg/m3	
	General population	Dermal	Systemic, long-term; 55 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term; 110 mg/kg	Repeated dose toxicity
	General population	Inhalation	Systemic, long-term; 96 mg/m3	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 55 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 389 mg/m3	Repeated dose toxicity
	General population	Eyes	Local effect;	No hazard identified
	Workers	Eyes	Local effect;	No hazard identified
Sorbitan, monooctadecanoate	Workers	Eyes	Local effect;	No hazard identified
	General population	Eyes	Local effect;	No hazard identified
1-Eicosanol	General population	Inhalation	Systemic, long-term; 96 mg/m3	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 55 mg/kg	Repeated dose toxicity
	General population	Dermal	Systemic, long-term; 55 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 389 mg/m3	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term; 110 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Local, long-term; 244 mg/m3	
	General population	Eyes	Local effect;	No hazard identified
	Workers	Eyes	Local effect;	No hazard identified
Octadecan-1-ol	General population	Oral	Systemic, long-term; 55 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term; 110 mg/kg	Repeated dose toxicity
	General population	Dermal	Systemic, long-term; 55 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Local, long-term; 224 mg/m3	
	Workers	Inhalation	Systemic, long-term; 389 mg/m3	Repeated dose toxicity

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	General population	Inhalation	Systemic, long-term; 96 mg/m <sup>3</sup>	Repeated dose toxicity
	Workers	Eyes	Local effect;	No hazard identified
	General population	Eyes	Local effect;	No hazard identified
1,2-benzisothiazol-3(2H)-one	General population	Dermal	Systemic, long-term; 0.345 mg/kg	Repeated dose toxicity
	General population	Inhalation	Systemic, long-term; 1.2 mg/m <sup>3</sup>	Repeated dose toxicity
	Workers	Eyes	Local effect;	Medium hazard (no threshold derived)
	Workers	Dermal	Systemic, long-term; 0.966 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 6.81 mg/m <sup>3</sup>	Repeated dose toxicity
	General population	Eyes	Local effect;	Medium hazard (no threshold derived)
sodium hydroxide	General population	Inhalation	Local, long-term; 1 mg/m <sup>3</sup>	irritation respiratory tract
	Workers	Inhalation	Local, long-term; 1 mg/m <sup>3</sup>	irritation respiratory tract
	Workers	Eyes	Local effect;	High hazard (no threshold derived)
	General population	Eyes	Local effect;	High hazard (no threshold derived)
Sodium nitrate	General population	Eyes	Local effect;	Low hazard (no threshold derived)
	Workers	Eyes	Local effect;	Low hazard (no threshold derived)
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)	Workers	Eyes	Local effect;	High hazard (no threshold derived)
	General population	Oral	Systemic, short-term; 0.11 mg/kg	Repeated dose toxicity
	General population	Eyes	Local effect;	High hazard (no threshold derived)
	General population	Inhalation	Local, long-term; 0.02 mg/m <sup>3</sup>	Repeated dose toxicity
	General population	Inhalation	Local, short-term; 0.04 mg/m <sup>3</sup>	Repeated dose toxicity
	Workers	Inhalation	Local, long-term; 0.02 mg/m <sup>3</sup>	Repeated dose toxicity
	Workers	Inhalation	Local, short-term; 0.04 mg/m <sup>3</sup>	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 0.09 mg/kg	Repeated dose toxicity

**PNEC-Values**

Remarks: PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
Polypropylene glycol	Aquatic (marine water)	0.02 mg/l	
	Sediment (marine water)	0.0765 mg/kg	
	Soil	0.109 mg/kg	
	Sediment (freshwater)	0.419 mg/kg	
Sorbitan, monooctadecanoate, poly(oxy-1,2-ethanediyl) derivs.	Soil	0.269 mg/kg	
	Sediment (freshwater)	1.38 mg/kg	
	Aquatic (marine water)	1.1 µg/l	
1-Docosanol	Sediment (marine water)	0.138 mg/kg	
	Aquatic (freshwater)	11 µg/l	
	Sediment (freshwater)	157 mg/kg	
	Soil	31.4 mg/kg	
Sorbitan, monooctadecanoate	Sediment (marine water)	15.7 mg/kg	
	Aquatic (freshwater)	0.32 mg/l	
	Sediment (freshwater)	1.141 mg/kg	
1-Eicosanol	Sediment (marine water)	1.141 mg/kg	
	Aquatic (marine water)	0.032 mg/l	
	Sediment (freshwater)	15.7 mg/kg	

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	Soil	31.4 mg/kg	
Octadecan-1-ol	Sediment (marine water)	5.66 mg/kg	
	Sediment (freshwater)	56.6 mg/kg	
	Soil	11.3 mg/kg	
1,2-benzisothiazol-3(2H)-one	Sediment (marine water)	4.99 µg/kg	
	Aquatic (marine water)	0.403 µg/l	
	Soil	3 mg/kg	
	Sewage treatment plant	1.03 mg/l	
	Sediment (freshwater)	4.99 µg/kg	
	Aquatic (freshwater)	4.03 µg/l	
Sodium nitrate	Sewage treatment plant	18 mg/l	
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)	Sewage treatment plant	0.23 mg/l	
	Aquatic (marine water)	3.39 µg/l	
	Aquatic (freshwater)	3.39 µg/l	
	Sediment (freshwater)	0.027 mg/kg	
	Soil	0.01 mg/kg	
	Sediment (marine water)	0.027 mg/kg	

**8.2 Exposure controls**

**Appropriate Engineering Controls:** No data available.

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

**Eye/face protection:** Wear tight-fitting goggles or face shield.

**Hand Protection:** Material: Butyl rubber.  
 Additional Information: The protective gloves to be worn must satisfy the specifications of Regulation (EU) 2016/425 and the resulting Standard EN374., Specific workplace situations must be considered separately.

**Skin and Body Protection:** protective clothing

**Respiratory Protection:** in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

**Hygiene measures:** When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.

**Environmental Controls:** The environmental regulations on the control and monitoring of environmental exposures are to be observed.

**SECTION 9: Physical and chemical properties**
**9.1 Information on basic physical and chemical properties**
**Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	White
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	not measured
<b>Freezing point:</b>	0 °C
<b>Boiling Point:</b>	Approximate 100 °C

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<b>Flammability:</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Explosive limit - upper:</b>	not measured
<b>Explosive limit - lower:</b>	not measured
<b>Flash Point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	not measured
<b>Decomposition Temperature:</b>	not measured
<b>pH:</b>	5 - 7.5
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	not measured
<b>Kinematic viscosity:</b>	500 mm <sup>2</sup> /s
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Dispersible
<b>Solubility (other):</b>	not measured
<b>Partition coefficient (n-octanol/water):</b>	not measured
<b>Vapor pressure:</b>	not measured
<b>Relative density:</b>	No data available.
<b>Density:</b>	1 g/cm <sup>3</sup>
<b>Relative vapor density:</b>	No data available.

**9.2 Other information**

<b>Explosive properties:</b>	Not explosive
<b>Oxidizing properties:</b>	not oxidizing
<b>Self-ignition:</b>	not measured
<b>Metal Corrosion:</b>	No data available.
<b>Evaporation Rate:</b>	not measured

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity:</b>	see section "Possibility of hazardous reactions".
<b>10.2 Chemical Stability:</b>	The product is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	None known.
<b>10.4 Conditions to avoid:</b>	Freezing.
<b>10.5 Incompatible Materials:</b>	None known.
<b>10.6 Hazardous Decomposition Products:</b>	None with proper storage and handling.

**SECTION 11: Toxicological information**



**Product name: TEGO® Foamex 2**

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**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Information on likely routes of exposure**

<b>Inhalation:</b>	If handled correctly, not a relevant route of exposure. Information on effects are given below.
<b>Skin Contact:</b>	Relevant route of exposure. Information on effects are given below.
<b>Eye contact:</b>	Relevant route of exposure. Information on effects are given below.
<b>Ingestion:</b>	If handled correctly, not a relevant route of exposure. Information on effects are given below.

**Acute toxicity (list all possible routes of exposure)****Oral**

**Product:** Not classified for acute toxicity based on available data.

**Components:**

1,2-benzisothiazol-3(2H)-one LD 50, Rat, Female, Male, 670 mg/kg, OECD 401

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1) LD 50, Rat, Male, 64 mg/kg, OECD 401

**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Components:**

1,2-benzisothiazol-3(2H)-one LD 50, Rat, Female, Male, > 2,000 mg/kg, OECD 402

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1) LD 50, Rabbit, Male, 87.12 mg/kg, OECD 402

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Components:**

1,2-benzisothiazol-3(2H)-one LC 50, Rat, 4 h, 0.11 mg/l, Dust and mist, OECD 403

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1) Vapour, Not toxic after single exposure, Not applicable

LC 50, Rat, Female, Male, 4 h, 0.33 mg/l, Dust and mist, OECD 403

Vapour, Not toxic after single exposure, Not applicable

**Repeated dose toxicity**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one No data available.

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one  
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)      No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one      Irritating., EPA OPP 81-5, Rabbit

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)      Corrosive.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one      Risk of serious damage to eyes., OECD 437, Bovine cornea

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)      Risk of serious damage to eyes.

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one      Maximization Test, US-EPA-method, Guinea Pig, May cause sensitization by skin contact.

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)      Strong skin sensitizer.

**Carcinogenicity**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one      No data available.

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)      No data available.

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**Germ Cell Mutagenicity**

No data available.

**In vitro**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one  
gene mutation test, OECD 471: , negative  
Chromosomal aberration, OECD 473: , positive  
gene mutation test, OECD 476: , negative

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)  
Ames test, OECD 471: , negative

**In vivo**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one  
DNA damage and/or repair, OECD 486, Oral, Rat, Male, negative

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)  
No data available.

**Reproductive toxicity**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one  
No data available.

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)  
No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one  
No data available.

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)  
No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

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**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one No data available.

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1) No data available.

**Aspiration Hazard**

**Product:** Not classified

**Components:**

1,2-benzisothiazol-3(2H)-one Not applicable

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1) Not classified

## 11.2 Information on other hazards

**Other information**

**Product:** Proper use provided, no adverse health effects have been observed or have been come to our knowledge.;

<b>SECTION 12: Ecological information</b>
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## 12.1 Toxicity:

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one LC 50, Oncorhynchus mykiss, 96 h, 2.15 mg/l OECD 203

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1) No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one EC 50, Daphnia magna, 48 h, 2.9 mg/l OECD 202

Reaction mass of: 5-chloro-2-methyl-4-

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isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one EC 50 (Algae (*Pseudokirchneriella subcapitata*), 72 h): 0.11 mg/l (OECD 201)

Reaction mass of: 5-chloro-2-methyl-4-

isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)

**Toxicity to microorganisms**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one EC 50, activated sludge, 3 h, 13 mg/l, OECD 209

Reaction mass of: 5-chloro-2-methyl-4-

isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one No data available.

Reaction mass of: 5-chloro-2-methyl-4-

isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**

1,2-benzisothiazol-3(2H)-one No data available.

Reaction mass of: 5-chloro-2-methyl-4-

isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6]

**Product name: TEGO® Foamex 2**

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(3:1)

**Toxicity to Aquatic Plants****Product:** No data available.**Components:**

1,2-benzisothiazol-3(2H)-one No data available.

Reaction mass of: 5-chloro-2-methyl-4-

isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6]

(3:1)

**Toxicity to microorganisms****Product:** No data available.**Components:**

1,2-benzisothiazol-3(2H)-one EC 50, activated sludge, 3 h, 13 mg/l, OECD 209

Reaction mass of: 5-chloro-2-methyl-4-

isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6]

(3:1)

**12.2 Persistence and Degradability****Biodegradation****Product:** No data available.**Components:**

1,2-benzisothiazol-3(2H)-one No data available.

Reaction mass of: 5-chloro-2-methyl-4-

isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6]

(3:1)

**12.3 Bioaccumulative potential****Bioconcentration Factor (BCF)****Product:** No data available.**Components:**

1,2-benzisothiazol-3(2H)-one No data available.

Reaction mass of: 5-chloro-2-methyl-4-

isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6]

(3:1)

**Partition Coefficient n-octanol / water (log Kow)**

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**Product:** not measured  
**Components:**  
1,2-benzisothiazol-3(2H)-one No data available.  
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1) No data available.

**12.4 Mobility in soil:**

**Product** No data available.  
**Components:**  
1,2-benzisothiazol-3(2H)-one No data available.  
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1) No data available.

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

**Product** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.  
**Components:**  
1,2-benzisothiazol-3(2H)-one No data available.  
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1) No data available.

**12.6 Other adverse effects:**

**Other hazards**  
**Product:** Do not allow to enter soil, waterways or waste water canal.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**General information:** No data available.  
**Disposal methods:** In accordance with local authority regulations, take to special waste incineration plant  
**Contaminated Packaging:** If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

**SECTION 14: Transport information**

**Product name: TEGO® Foamex 2****14.1 UN/ID No.**

Not regulated as a dangerous good

**14.2 UN proper shipping name**

Not regulated as a dangerous good

**14.3 Transport hazard class(es)**

Not regulated as a dangerous good

**14.4 Packing group**

Not regulated as a dangerous good

**14.5 Environmental hazards**

Not regulated as a dangerous good

**14.6 Special precautions for user**

Not applicable

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

Not applicable for product as supplied.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:** Not applicable

**15.2 Chemical safety assessment:** No chemical safety assessment was carried out for this product.

**SECTION 16: Other information****Abbreviations and acronyms:**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative)



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Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Notes:**

EUH071	Corrosive to the respiratory tract.
Note B	Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid...%'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

**Key literature references and sources for data:** No data available.

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

Classification according to Regulation (EC) No 1272/2008 as amended.	Classification procedure
Skin sensitizer, Category 1	On basis of test data

**Wording of the statements in section 2 and 3**

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.

**Training information:** Comply with national laws regulating employee instruction.

**Other information:** none

**Revision Information** Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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