

Product name: TEGO® Foamex 823

# 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 823

**Chemical name:**  
Emulsion of polyetherpolysiloxanes

### 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 not been classified as hazardous 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**  
Not classified

### 2.2 Label Elements Not applicable

**Supplemental label information**

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EUH208: Contains (1,2-benzisothiazol-3(2H)-one). May produce an allergic reaction.

### 2.3 Other hazards

None known.

## SECTION 3: Composition/information on ingredients

**Chemical name:**

Emulsion of polyetherpolysiloxanes

### 3.2 Mixtures

Chemical name	Concentration	CAS-No.	EC No.	UK-REACH Registration No.	REACH Registration No.	M-Factor:	Notes
Octadecan-1-ol, ethoxylated	1 - <2.5%	9005-00-9	500-017-8	-	01-211997709 2-34	No data available.	
octamethylcyclotetrasiloxane	0.025 - 0.1%	556-67-2	209-136-7	-	01-211952923 8-36	Aquatic Toxicity (Chronic): 10	##
1,2-benzisothiazol-3(2H)-one	0 - <0.05%	2634-33-5	220-120-9		01-212076154 0-60	Aquatic Toxicity (Acute): 1	

\* 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
Octadecan-1-ol, ethoxylated	Classification: Aquatic Chronic: 2: H411; Supplemental label information: None known.	None.
octamethylcyclotetrasiloxane	Classification: Flam. Liq.: 3: H226; Repr.: 2: H361f; Aquatic Chronic: 1: H410; Supplemental label information: None known.	None.
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.

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

## SECTION 4: First aid measures

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**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.
<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>	Up to now no symptoms are known.
<b>Hazards:</b>	No data available.

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

<b>Treatment:</b>	Treat symptomatically.
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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

<b>Suitable extinguishing media:</b>	foam, carbon dioxide, dry powder, water spray.
<b>Unsuitable extinguishing media:</b>	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 monoxide, carbon dioxide, silicon dioxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

**5.3 Advice for firefighters**

<b>Special fire fighting procedures:</b>	No specific precautions.
<b>Special protective equipment for firefighters:</b>	Do not inhale explosion and/or combustion gases. Self-contained breathing apparatus.

**SECTION 6: Accidental release measures**

<b>6.1 Personal precautions, protective equipment and emergency procedures:</b>	Use personal protective equipment.
<b>6.1.1 For non-emergency personnel:</b>	No data available.
<b>6.1.2 For emergency responders:</b>	No data available.

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- 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:** Provide good ventilation of working area (local exhaust ventilation if necessary). Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.
- Contact avoidance measures:** No data available.

**7.2 Conditions for safe storage, including any incompatibilities**

- Safe storage conditions:** Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight Homogenise before using. Protect from frost. Keep at temperature not exceeding 40°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
Octadecan-1-ol, ethoxylated	General population	Dermal	Systemic, long-term; 500 mg/kg	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 10 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 22.2 mg/m <sup>3</sup>	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 1.5 mg/kg	Repeated dose toxicity
	Workers	Dermal	Systemic, long-term; 210 mg/kg	Repeated dose toxicity
	General population	Eyes	Local effect;	No hazard identified
	General population	Inhalation	Systemic, long-term; 3.92 mg/m <sup>3</sup>	Repeated dose toxicity

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	General population	Dermal	Systemic, long-term; 75 mg/kg	Repeated dose toxicity
	Workers	Eyes	Local effect;	No hazard identified
	General population	Inhalation	Systemic, long-term; 26.1 mg/m <sup>3</sup>	Repeated dose toxicity
octamethylcyclotetrasiloxane	General population	Eyes	Local effect;	No hazard identified
	General population	Inhalation	Local, long-term; 13 mg/m <sup>3</sup>	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 73 mg/m <sup>3</sup>	Repeated dose toxicity
	General population	Inhalation	Systemic, long-term; 13 mg/m <sup>3</sup>	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 3.7 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Local, long-term; 73 mg/m <sup>3</sup>	Repeated dose toxicity
	Workers	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)

**PNEC-Values**

Remarks: PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
Octadecan-1-ol, ethoxylated	Aquatic (freshwater)	0.005 mg/l	
	Soil	1 mg/kg	Soil
	Sewage treatment plant	4.2 mg/l	
	Sediment (marine water)	23.04 mg/kg	
	Aquatic (marine water)	0.001 mg/l	
octamethylcyclotetrasiloxane	Sediment (freshwater)	230.37 mg/kg	
	Sediment (freshwater)	3 mg/kg	
	Aquatic (freshwater)	1.5 µg/l	
	Soil	0.84 mg/kg	Soil
	Aquatic (marine water)	0.15 µg/l	
	Sewage treatment plant	10 mg/l	
	Predator	41 mg/kg	Oral
1,2-benzisothiazol-3(2H)-one	Sediment (marine water)	0.3 mg/kg	
	Sewage treatment plant	1.03 mg/l	
	Sediment (marine water)	4.99 µg/kg	
	Sediment (freshwater)	0.0499 mg/kg	
	Soil	3 mg/kg	Soil
	Aquatic (marine water)	0.403 µg/l	
	Sediment (marine water)	0.00499 mg/kg	
	Sediment (freshwater)	4.99 µg/kg	
	Aquatic (freshwater)	4.03 µg/l	

**8.2 Exposure controls**
**Appropriate Engineering Controls:** No data available.

**Individual protection measures, such as personal protective equipment**
**Eye/face protection:** Safety glasses

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<b>Hand Protection:</b>	Material: Natural rubber. Break-through time: 480 min Glove thickness: 1 mm Material: Chloroprene Break-through time: 480 min Glove thickness: 0.6 mm Material: Nitrile rubber. Break-through time: 480 min Glove thickness: 0.4 mm Material: Butyl rubber. Break-through time: 480 min Glove thickness: 0.3 mm Material: Natural rubber. Break-through time: 480 min Glove thickness: 0.5 mm
<b>Skin and Body Protection:</b>	protective clothing
<b>Respiratory Protection:</b>	in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2
<b>Hygiene measures:</b>	Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Remove soiled or soaked clothing immediately.
<b>Environmental Controls:</b>	The environmental regulations on the control and monitoring of environmental exposures are to be observed.

<b>SECTION 9: Physical and chemical properties</b>
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**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>	Characteristic
<b>Odor Threshold:</b>	not measured
<b>Freezing point:</b>	not measured
<b>Boiling Point:</b>	not measured
<b>Flammability:</b>	not measured
<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>	> 100 °C
<b>Auto-ignition temperature:</b>	not measured
<b>Decomposition Temperature:</b>	not measured
<b>pH:</b>	7 - 9 at 25 °C Concentration: 100 %

**Viscosity**

<b>Dynamic viscosity:</b>	100 - 1,000 mPa.s at 25 °C
<b>Kinematic viscosity:</b>	100 - 1000 mm <sup>2</sup> /s at 25 °C ,

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	Method: calculated
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	25 °C miscible
<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>	not measured
<b>Density:</b>	Approximate 1 - 1.1 g/cm <sup>3</sup> at 25 °C Method: DIN 51757
<b>Relative vapor density:</b>	not measured

## 9.2 Other information

<b>Explosive properties:</b>	not measured
<b>Oxidizing properties:</b>	not oxidizing
<b>Self-ignition:</b>	not measured
<b>Metal Corrosion:</b>	Not corrosive to metals
<b>Evaporation Rate:</b>	not measured

<b>SECTION 10: Stability and reactivity</b>
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<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>	No hazardous reactions with proper storage and handling
<b>10.4 Conditions to avoid:</b>	Open flames, sparks or input of much heat direct sunlight Freezing.
<b>10.5 Incompatible Materials:</b>	Not known.
<b>10.6 Hazardous Decomposition Products:</b>	None with proper storage and handling.

<b>SECTION 11: Toxicological information</b>
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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>	Information on effects are given below.
<b>Skin Contact:</b>	Information on effects are given below.
<b>Eye contact:</b>	Information on effects are given below.
<b>Ingestion:</b>	Information on effects are given below.

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

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

**Components:**

Octadecan-1-ol, ethoxylated	LD 50, Rat, Female, Male, > 21,000 mg/kg, OECD 401
octamethylcyclotetrasiloxane	LD 50, Rat, Male, > 5,000 mg/kg, OECD 401
1,2-benzisothiazol-3(2H)-one	LD 50, Rat, Female, Male, 670 mg/kg, OECD 401

**Dermal**

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

**Components:**

Octadecan-1-ol, ethoxylated	LD 50, Rat, > 2,000 mg/kg, OECD 402
octamethylcyclotetrasiloxane	LD 50, Rat, Female, Male, > 5,000 mg/kg, OECD 402
1,2-benzisothiazol-3(2H)-one	LD 50, Rat, Female, Male, > 2,000 mg/kg, OECD 402 Not toxic after single exposure, No classification

**Inhalation**

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

**Components:**

Octadecan-1-ol, ethoxylated	Not toxic after single exposure, Vapour, No data available. Not toxic after single exposure, Dust and mist, No data available.
octamethylcyclotetrasiloxane	LC 50, Rat, Female, Male, 4 h, 36 mg/l, OECD 403, Vapour Not toxic after single exposure, Dust and mist, No data available.
1,2-benzisothiazol-3(2H)-one	LC 50, Rat, 4 h, 0.11 mg/l, Dust and mist, OECD 403 Vapour, Not toxic after single exposure, Not applicable

**Repeated dose toxicity**

**Product:** No data available.

**Components:**

Octadecan-1-ol, ethoxylated	NOAEL Rat, Oral, 500 mg/kg
octamethylcyclotetrasiloxane	NOAEC, Rat, Female, Male, Inhalation, Vapour, 5 days/weeks, 6 hours/day, 1.8 mg/l, Subchronic toxicity LOAEC, Rat, Female, Male, Inhalation, Vapour, 5 days/weeks, 6 hours/day, 8.5 mg/l, chronic NOAEC, Rat, Female, Male, Inhalation, Vapour, 5 days/weeks, 6 hours/day, 0.36 mg/l, Subacute toxicity
1,2-benzisothiazol-3(2H)-one	No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Components:**

Octadecan-1-ol, ethoxylated	Not irritating, OECD 404, Rabbit, 24 h
octamethylcyclotetrasiloxane	Not irritating, OECD 404, Rabbit
1,2-benzisothiazol-3(2H)-one	Irritating., EPA OPP 81-5, Rabbit

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Components:**

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Octadecan-1-ol, ethoxylated	Not irritating, OECD 405, Rabbit
octamethylcyclotetrasiloxane	Not irritating, OECD 405, Rabbit
1,2-benzisothiazol-3(2H)-one	Risk of serious damage to eyes., OECD 437, Bovine cornea

**Respiratory or Skin Sensitization**

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	Buehler Test, OECD 406, Guinea Pig, Not a skin sensitizer.
octamethylcyclotetrasiloxane	Magnussona i Kligmana., OECD 406, Rabbit, Not a skin sensitizer. Sensitization test, Human, Not a skin sensitizer. Maximization Test, OECD 406, Guinea Pig, Not a skin sensitizer.
1,2-benzisothiazol-3(2H)-one	Maximization Test, US-EPA-method, Guinea Pig, May cause sensitization by skin contact.

**Carcinogenicity**

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	No data available.
octamethylcyclotetrasiloxane	No data available.
1,2-benzisothiazol-3(2H)-one	No data available.

**Germ Cell Mutagenicity**

No data available.

**In vitro**

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	Bacterial reverse mutation assay, OECD 471: , negative Chromosomal aberration, OECD 473: , negative gene mutation test, OECD 476: , negative
octamethylcyclotetrasiloxane	Ames test, OECD 471: , negative Chromosomal aberration, OECD 473: , negative gene mutation test, OECD 476: , negative
1,2-benzisothiazol-3(2H)-one	gene mutation test, OECD 471: , negative Chromosomal aberration, OECD 473: , positive gene mutation test, OECD 476: , negative

**In vivo**

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	No data available.
octamethylcyclotetrasiloxane	Micronucleus test, OECD 474, Inhalation - vapor, Rat, negative Chromosomal aberration, OECD 478, Oral, Rat, negative Chromosomal aberration, OECD 475, Inhalation - vapor, Rat, Female, Male, negative
1,2-benzisothiazol-3(2H)-one	DNA damage and/or repair, OECD 486, Oral, Rat, Male, negative

**Reproductive toxicity**

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<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	Dermal
octamethylcyclotetrasiloxane	Suspected of damaging fertility or the unborn child. Suspected of damaging fertility.
1,2-benzisothiazol-3(2H)-one	No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

<b>Components:</b>	
Octadecan-1-ol, ethoxylated	No data available.
octamethylcyclotetrasiloxane	No data available.
1,2-benzisothiazol-3(2H)-one	No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

<b>Components:</b>	
Octadecan-1-ol, ethoxylated	No data available.
octamethylcyclotetrasiloxane	No data available.
1,2-benzisothiazol-3(2H)-one	No data available.

**Aspiration Hazard**

**Product:** Not classified

<b>Components:</b>	
Octadecan-1-ol, ethoxylated	Not applicable
octamethylcyclotetrasiloxane	Not classified
1,2-benzisothiazol-3(2H)-one	Not applicable

**11.2 Information on other hazards**
**Other information**

**Product:** No data available.

<b>SECTION 12: Ecological information</b>
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**12.1 Toxicity:**
**Acute hazards to the aquatic environment:**
**Fish**

**Product:** LC 50, Danio rerio, 96 h, > 100 mg/l OECD 203, The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**Components:**  
 Octadecan-1-ol, LC 50, Danio rerio, 96 h, 108 mg/l OECD 203, (analogy)

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ethoxylated octamethylcyclotetrasiloxane	LC 50, Oncorhynchus mykiss, 96 h, > 22 µg/l US-EPA-method
	NOEC, Oncorhynchus mykiss, 96 h, 22 µg/l US-EPA-method
1,2-benzisothiazol-3(2H)-one	LC 50, Oncorhynchus mykiss, 96 h, 2.15 mg/l OECD 203

**Aquatic Invertebrates**

**Product:** EC 50, Daphnia magna, 48 h, > 100 mg/l OECD 202, The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

**Components:**

Octadecan-1-ol, ethoxylated octamethylcyclotetrasiloxane	EL50, Daphnia magna, 48 h, 51 mg/l OECD 202, (analogy)
	NOEC, Daphnia magna, 48 h, 15 µg/l US-EPA-method
1,2-benzisothiazol-3(2H)-one	EC 50, Daphnia magna, 48 h, > 15 µg/l US-EPA-method EC 50, Daphnia magna, 48 h, 2.9 mg/l OECD 202

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

Octadecan-1-ol, ethoxylated octamethylcyclotetrasiloxane	No data available.
	EC 50 (Algae (Pseudokirchneriella subcapitata), 96 h): > 22 µg/l (US-EPA-method)
	EC 50 (Algae (Pseudokirchneriella subcapitata), 96 h): > 22 µg/l (US-EPA-method)
1,2-benzisothiazol-3(2H)-one	EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): 0.11 mg/l (OECD 201)

**Toxicity to microorganisms**

**Product:** No data available.

**Components:**

Octadecan-1-ol, ethoxylated octamethylcyclotetrasiloxane	EC 50, activated sludge, 3 h, 140 mg/l, EG guideline 88/302/EG, adopted 1988
	No data available.
1,2-benzisothiazol-3(2H)-one	EC 50, activated sludge, 3 h, 13 mg/l, OECD 209

**Toxicity to soil dwelling organisms**

**Product:** No data available.

**Components:**

Octadecan-1-ol, ethoxylated octamethylcyclotetrasiloxane	LC 50 (Eisenia fetida (earthworms), 14 d): > 1,000 mg/kg (OECD 207)
	No data available.
1,2-benzisothiazol-3(2H)-one	No data available.

**Toxicity to terrestrial organisms**

**Product:** No data available.

**Components:**

Octadecan-1-ol, ethoxylated octamethylcyclotetrasiloxane	No data available.
	No data available.
1,2-benzisothiazol-3(2H)-one	No data available.

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**Chronic hazards to the aquatic environment:**

**Fish**

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	NOEC, Bluegill Sunfish, 30 d, > 0.33 mg/l
octamethylcyclotetrasiloxane	NOEC, Oncorhynchus mykiss, 93 d, 4.4 µg/l, US-EPA-method
1,2-benzisothiazol-3(2H)-one	No data available.

**Aquatic Invertebrates**

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	NOEC, Daphnia magna, 21 d, 1.75 mg/l NOEC, Daphnia magna, 21 d, 0.77 mg/l EC 20, Daphnia magna, 21 d, 0.0542 mg/l, The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (Cesar models), etc.
octamethylcyclotetrasiloxane	NOEC, Daphnia magna, 21 d, 15 µg/l, EPA OTS 797.1330 Lowest Observed Effect Concentration, Daphnia magna, 21 d, 15 µg/l, EPA OTS 797.1330
1,2-benzisothiazol-3(2H)-one	EC 50, Daphnia magna, 21 d, > 15 µg/l, EPA OTS 797.1330 No data available.

**Toxicity to Aquatic Plants**

<b>Product:</b>	NOEC (Desmodesmus subspicatus (green algae), 72 h): 100 mg/l (OECD 201) The product was tested above its maximum solubility. The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	No data available.
octamethylcyclotetrasiloxane	NOEC (Algae (Pseudokirchneriella subcapitata), 96 h): < 22 µg/l (US-EPA-method)
1,2-benzisothiazol-3(2H)-one	No data available.

**Toxicity to microorganisms**

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	EC 50, activated sludge, 3 h, 140 mg/l, EG guideline 88/302/EG, adopted 1988
octamethylcyclotetrasiloxane	No data available.
1,2-benzisothiazol-3(2H)-one	EC 50, activated sludge, 3 h, 13 mg/l, OECD 209

**Toxicity to soil dwelling organisms**

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	No data available.
octamethylcyclotetrasiloxane	No data available.
1,2-benzisothiazol-3(2H)-one	No data available.

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### Toxicity to terrestrial organisms

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	NOEC (Corn, 19 d): 100 mg/l (OECD 208)
octamethylcyclotetrasiloxane	No data available.
1,2-benzisothiazol-3(2H)-one	No data available.

### 12.2 Persistence and Degradability

#### Biodegradation

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	84 %, 28 d, OECD 301 B, The product is easily biodegradable., aerobic
octamethylcyclotetrasiloxane	3.7 %, 28 d, OECD 310, The product is not biodegradable., aerobic
1,2-benzisothiazol-3(2H)-one	No data available.

### 12.3 Bioaccumulative potential

#### Bioconcentration Factor (BCF)

<b>Product:</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	Pimephales promelas, 387, Bioaccumulation need not be expected.
octamethylcyclotetrasiloxane	No data available.
1,2-benzisothiazol-3(2H)-one	No data available.

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

<b>Product:</b>	not measured
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	No data available.
octamethylcyclotetrasiloxane	6.488, 25.1 °C, OECD 123
1,2-benzisothiazol-3(2H)-one	No data available.

### 12.4 Mobility in soil:

<b>Product</b>	No data available.
<b>Components:</b>	
Octadecan-1-ol, ethoxylated	No data available.
octamethylcyclotetrasiloxane	No data available.
1,2-benzisothiazol-3(2H)-one	No data available.

### 12.5 Results of PBT and vPvB assessment:

<b>Product</b>	No data available.
<b>Components:</b>	

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Octadecan-1-ol, ethoxylated No data available.  
octamethylcyclotetrasiloxane PBT: persistent, bioaccumulative  
and toxic substance. vPvB: very  
persistent and very  
bioaccumulative substance.  
1,2-benzisothiazol-3(2H)-one 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**

**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.

**Product name: TEGO® Foamex 823**
**International regulations**
**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable

**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) 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

**Key literature references and** No data available.

**sources for 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.

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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.
EUH208	Contains (1,2-benzisothiazol-3(2H)-one). May produce an allergic reaction.

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

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

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