

Product name: TEGO® Foamex 810

# 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 810

### 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-cs@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**

#### Environmental Hazards

Chronic hazards to the aquatic environment	Category 3	H412: Harmful to aquatic life with long lasting effects.
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### 2.2 Label Elements

**Hazard Statement(s):** H412: Harmful to aquatic life with long lasting effects.

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

P273: Avoid release to the environment.

**Disposal:**

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

**2.3 Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**
**3.2 Mixtures**

Chemical name	Concentration	CAS-No.	EC No.	UK-REACH Registration No.	REACH Registration No.	M-Factor:	Notes
Silane, dichlorodimethyl-, reaction products with silica	1 - <5%	68611-44-9		UK-01-250993046 1-7	01-211937949 9-16	No data available.	#
octamethylcyclotetrasiloxane	0.01 - <0.25%	556-67-2	209-136-7		01-211952923 8-36	Aquatic Toxicity (Chronic): 10	##

\* 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
Silane, dichlorodimethyl-, reaction products with silica	Classification: None known. Supplemental label information: None known.	Not applicable
octamethylcyclotetrasiloxane	Classification: Flam. Liq.: 3: H226; Repr.: 2: H361f; Aquatic Chronic: 1: H410; Supplemental label information: None known.	None.

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

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

Remove soiled or soaked clothing immediately

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<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 fire-fighters:</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.
<b>6.2 Environmental Precautions:</b>	Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

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- 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:** Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Ensure adequate ventilation. Use respiratory protection during spraying.
- 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. Homogenise before using. 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

Chemical name	Type	Form of exposure	Exposure Limit Values		Source
Silane, dichlorodimethyl-, reaction products with silica	TWA	Respirable dust.		2.4 mg/m <sup>3</sup>	EH40 WEL (12 2011)
	TWA	Inhalable dust.		6 mg/m <sup>3</sup>	EH40 WEL (12 2011)

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

#### 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
octamethylcyclotetrasiloxane	General population	Inhalation	Systemic, 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
	Workers	Inhalation	Local, long-term; 73 mg/m <sup>3</sup>	Repeated dose toxicity
	General population	Inhalation	Local, long-term; 13 mg/m <sup>3</sup>	Repeated dose toxicity
	Workers	Eyes	Local effect;	No hazard identified

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	General population	Eyes	Local effect;	No hazard identified
	General population	Oral	Systemic, long-term; 3.7 mg/kg	Repeated dose toxicity

**PNEC-Values**

Remarks: PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
octamethylcyclotetrasiloxane	Predator	41 mg/kg	Oral
	Soil	0.54 mg/kg	
	Sediment (freshwater)	3 mg/kg	
	Aquatic (freshwater)	1.5 µg/l	
	Aquatic (marine water)	0.15 µg/l	
	Sewage treatment plant	10 mg/l	
	Sediment (marine water)	0.3 mg/kg	

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

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

**Hand Protection:**

Material: Nitrile rubber.  
 Break-through time: 480 min  
 Glove thickness: 0.11 mm  
 Material: Natural rubber.  
 Break-through time: 480 min  
 Glove thickness: 0.5 mm  
 Material: Chloroprene  
 Break-through time: 480 min  
 Glove thickness: 0.65 mm  
 Material: Butyl rubber.  
 Break-through time: 480 min  
 Glove thickness: 0.7 mm

**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**

**Physical state:** liquid  
**Form:** liquid  
**Color:** yellowish  
**Odor:** Characteristic  
**Odor Threshold:** not measured  
**Freezing point:** not measured

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<b>Boiling Point:</b>	331 °C
<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 Method: ASTM D 93 ( Pensky-Martens Closed Cup)
<b>Auto-ignition temperature:</b>	not measured
<b>Decomposition Temperature:</b>	not measured
<b>pH:</b>	Not applicable
<b>Viscosity</b>	
<b>Dynamic viscosity:</b>	500 - 1,250 mPa.s at 25 °C Method: DIN 53015
<b>Kinematic viscosity:</b>	500 - 1250 mm <sup>2</sup> /s at 25 °C , Method: calculated
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble
<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 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

## 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>	No hazardous reactions with proper storage and handling
<b>10.4 Conditions to avoid:</b>	None with proper storage and handling.
<b>10.5 Incompatible Materials:</b>	Not known.
<b>10.6 Hazardous Decomposition Products:</b>	None with proper storage and handling.

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## SECTION 11: Toxicological information

### 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.

#### Acute toxicity (list all possible routes of exposure)

##### Oral

<b>Product:</b>	No data available. Not classified for acute toxicity based on available data.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	LD 50, Rat, Female, Male, > 5,000 mg/kg, OECD 401, (analogy)
octamethylcyclotetrasiloxane	LD 50, Rat, Male, > 5,000 mg/kg, OECD 401

##### Dermal

<b>Product:</b>	No data available. Not classified for acute toxicity based on available data.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	LD 50, Rabbit, > 5,000 mg/kg, (analogy)
octamethylcyclotetrasiloxane	LD 50, Rat, Female, Male, > 5,000 mg/kg, OECD 402

##### Inhalation

<b>Product:</b>	No data available. Not classified for acute toxicity based on available data.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	LC 50, Rat, Female, Male, 4 h, > 5.01 mg/l, Dust and mist, OECD 436, (analogy) Vapour, Not toxic after single exposure, Not applicable
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.

#### Repeated dose toxicity

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	NOAEL Rat, Male, Oral, 28 day, 7 days a week, >= 1,000 mg/kg, No negative effects. (analogy)
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

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**Skin Corrosion/Irritation**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	Not irritating, OECD 404, Rabbit, (analogy)
octamethylcyclotetrasiloxane	Not irritating, OECD 404, Rabbit

**Serious Eye Damage/Eye Irritation**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	Not irritating, analogous OECD method, Rabbit, (analogy)
octamethylcyclotetrasiloxane	Not irritating, OECD 405, Rabbit

**Respiratory or Skin Sensitization**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	Local Lymph Node Assay (LLNA), OECD 429, Mouse, Not a skin sensitizer., (analogy) Maximization Test, OECD 406, Guinea Pig, Not a skin sensitizer., (analogy)
octamethylcyclotetrasiloxane	Magnusson i Kligman., OECD 406, Rabbit, Not a skin sensitizer. Sensitization test, Human, Not a skin sensitizer. Maximization Test, OECD 406, Guinea Pig, Not a skin sensitizer.

**Carcinogenicity**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	No evidence that cancer may be caused.
octamethylcyclotetrasiloxane	No data available.

**Germ Cell Mutagenicity**

No data available.

**In vitro**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	gene mutation test, OECD 471: , negative, (analogy) gene mutation test, OECD 490: , negative, (analogy) Chromosomal aberration, OECD 473: , negative, (analogy)
octamethylcyclotetrasiloxane	Ames test, OECD 471: , negative Chromosomal aberration, OECD 473: , negative gene mutation test, OECD 476: , negative

**In vivo**

<b>Product:</b>	No data available.
<b>Components:</b>	
Silane, dichlorodimethyl-, reaction products with silica	Chromosomal aberration, OECD 475, Oral, Rat, Male, negative, (analogy)



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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
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**Reproductive toxicity**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica	no evidence of reproductiontoxic properties
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octamethylcyclotetrasiloxane	Suspected of damaging fertility or the unborn child. Suspected of damaging fertility.
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**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica	no evidence for hazardous properties
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octamethylcyclotetrasiloxane	No data available.
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**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica	no evidence for hazardous properties
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octamethylcyclotetrasiloxane	No data available.
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**Aspiration Hazard**

**Product:** Not classified

**Components:**

Silane, dichlorodimethyl-, reaction products with silica	Not applicable
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octamethylcyclotetrasiloxane	Not classified
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**11.2 Information on other hazards**
**Other information**

**Product:** No data available.

**SECTION 12: Ecological information**
**12.1 Toxicity:**
**Acute hazards to the aquatic environment:**
**Fish**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-	LC 50, (Brachydanio rerio), 96 h, > 10,000 mg/l OECD 203, The reported
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, reaction products with silica octamethylcyclotetrasiloxane	toxic effects relate to the nominal concentration. (analogy)  LC 50, Oncorhynchus mykiss, 96 h, > 22 µg/l US-EPA-method NOEC, Oncorhynchus mykiss, 96 h, 22 µg/l US-EPA-method
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**Aquatic Invertebrates**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica octamethylcyclotetrasiloxane	EC 50, Daphnia magna, 24 h, > 1,000 mg/l OECD 202, The reported toxic effects relate to the nominal concentration. (analogy)  NOEC, Daphnia magna, 48 h, 15 µg/l US-EPA-method EC 50, Daphnia magna, 48 h, > 15 µg/l US-EPA-method
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**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica octamethylcyclotetrasiloxane	EC 50 (Desmodesmus subspicatus (green algae), 72 h): > 173 mg/l (OECD 201) (analogy)  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)
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**Toxicity to microorganisms**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica octamethylcyclotetrasiloxane	EC 50, local activated sludge, 3 h, > 2,500 mg/l, OECD 209, (analogy)  No data available.
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**Toxicity to soil dwelling organisms**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica octamethylcyclotetrasiloxane	No data available.  No data available.
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**Toxicity to terrestrial organisms**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica octamethylcyclotetrasiloxane	No data available.  No data available.
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**Chronic hazards to the aquatic environment:**
**Fish**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica	No data available.
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octamethylcyclotetrasiloxane      NOEC, Oncorhynchus mykiss, 93 d, 4.4 µg/l, US-EPA-method

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica      No data available.

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  
 EC 50, Daphnia magna, 21 d, > 15 µg/l, EPA OTS 797.1330

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica      No data available.

octamethylcyclotetrasiloxane      NOEC (Algae (Pseudokirchneriella subcapitata), 96 h): < 22 µg/l (US-EPA-method)

**Toxicity to microorganisms**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica      EC 50, local activated sludge, 3 h, > 2,500 mg/l, OECD 209, (analogy)

octamethylcyclotetrasiloxane      No data available.

**Toxicity to soil dwelling organisms**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica      No data available.

octamethylcyclotetrasiloxane      No data available.

**Toxicity to terrestrial organisms**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica      No data available.

octamethylcyclotetrasiloxane      No data available.

**12.2 Persistence and Degradability**
**Biodegradation**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica      The methods designed to assess persistence and biodegradability are not applicable to this product, in analogy to inorganic substances.

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octamethylcyclotetrasiloxane 3.7 %, 28 d, OECD 310, The product is not biodegradable., aerobic

**12.3 Bioaccumulative potential**
**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica Not to be expected.

octamethylcyclotetrasiloxane No data available.

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

**Product:** not measured

**Components:**

Silane, dichlorodimethyl-, reaction products with silica , Not applicable

octamethylcyclotetrasiloxane 6.488, 25.1 °C, OECD 123

**12.4 Mobility in soil:**

**Product** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica No remarkable mobility in soil is to be expected.

octamethylcyclotetrasiloxane No data available.

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

**Product** No data available.

**Components:**

Silane, dichlorodimethyl-, reaction products with silica No data available.

octamethylcyclotetrasiloxane PBT: persistent, bioaccumulative and toxic substance. vPvB: very persistent and very bioaccumulative substance.

**12.6 Other adverse effects:**

**Other hazards**

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

<b>SECTION 13: Disposal considerations</b>
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**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.

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## 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 Regulations

**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.

#### 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:

EH40 WEL:

EH40 WEL / TWA:

UK. EH40 Workplace Exposure Limits (WELs), as amended  
Time Weighted Average (TWA):

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland

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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

**Notes:**

Not applicable	Not applicable
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**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
Chronic hazards to the aquatic environment, Category 3	On basis of test data

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

H226	Flammable liquid and vapor.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**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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**Disclaimer:**

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