

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product identifier:** TEGO® Foamex 843

**Chemical name:**

Mixture of defoaming polyethersiloxanes

**Other means of identification**

None.

**Recommended restrictions**

**Recommended use:** Industrial use

**Restrictions on use:** None known.

**Manufacturer/Importer/Distributor Information**

Company Name : Evonik Corporation  
Nutrition & Care  
PO Box 34628  
Richmond, VA 23234  
USA

Telephone : +1 804 727 0700

Fax : +1 804 727 0845

E-mail : product-regulatory-services@evonik.com

**Emergency telephone number:**

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)

Emergency : 800 681 9531 (CHEMTREC MEXICO)

+1 703 527 3887 (CHEMTREC WORLD)

## 2. Hazard(s) identification

**Hazard Classification**

Not classified

**Label Elements**

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** Not applicable

**Precautionary Statements**

Hazard(s) not otherwise classified (HNOC): None.

### 3. Composition/information on ingredients

**Chemical name:**

Mixture of defoaming polyethersiloxanes

**Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) <sup>*</sup>
octamethylcyclotetrasiloxane		556-67-2	0.01 - <0.1%

<sup>\*</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

### 4. First-aid measures

**Description of necessary first-aid measures**

- General information:** Remove soiled or soaked clothing immediately
- Inhalation:** fresh air supply, consult a doctor if feeling unwell.
- Skin Contact:** In case of contact with skin wash off with soap and water. In case of discomfort: Supply with medical care.
- Eye contact:** In case of contact with eyes rinse thoroughly with water. In case of discomfort: Supply with medical care.
- Ingestion:** Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.
- Personal Protection for First-aid Responders:** Do not inhale explosion and/or combustion gases., Self-contained breathing apparatus.

**Most important symptoms/effects, acute and delayed**

- Symptoms:** Up to now no symptoms are known.
- Hazards:** No data available.

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

- Treatment:** Treat symptomatically.

### 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media**

Product name: TEGO® Foamex 843

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

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

**Specific hazards arising from the chemical:** 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

#### Special protective equipment and precautions for firefighters

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

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

### 6. Accidental release measures

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

**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.

**Environmental Precautions:** Do not allow to enter drains or waterways Do not discharge into the subsoil/soil.

### 7. Handling and storage

#### Handling

**Technical measures (e.g. Local and general 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.

#### Storage

**Safe storage conditions:** Keep container tightly closed in a cool, well-ventilated place.

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

### 8. Exposure controls/personal protection

#### 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).

**Appropriate Engineering Controls** No data available.**Individual protection measures, such as personal protective equipment****Eye/face protection:** Safety glasses**Skin Protection****Hand Protection:** Additional Information: PVC gloves**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:** Do not eat, drink or smoke when working. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.**9. Physical and chemical properties****Information on basic physical and chemical properties****Appearance****Physical state:** liquid  
**Form:** liquid  
**Color:** Colorless  
**Odor:** Mild**Odor Threshold:** not measured**Freezing point:** not measured**Boiling Point:** not measured**Flammability:** not measured**Upper/lower limit on flammability or explosive limits****Explosive limit - upper:** not measured**Explosive limit - lower:** not measured**Flash Point:** > 212 °F/> 100 °C (DIN EN 22719)**Self Ignition Temperature:** not measured**Decomposition Temperature:** not measured**pH:** not measured**Viscosity****Dynamic viscosity:** Approximate 1,600 mPa.s (77 °F/25 °C, DIN 53 015)**Kinematic viscosity:** Approximate 1553 mm<sup>2</sup>/s (77 °F/25 °C, calculated)**Flow Time:** Not applicable**Solubility(ies)****Solubility in Water:** not measured**Solubility (other):** not measured**Partition coefficient (n-octanol/water):** not measured

Product name: TEGO® Foamex 843

<b>Vapor pressure:</b>	not measured
<b>Relative density:</b>	not measured
<b>Density:</b>	1.03 g/cm <sup>3</sup> (77 °F/25 °C) (DIN 12791)
<b>Bulk density:</b>	Not applicable
<b>Relative vapor density:</b>	not measured
<b>Particle characteristics</b>	
<b>Particle Size Distribution:</b>	Not applicable
<b>Specific surface area:</b>	Not applicable
<b>Surface charge/Zeta potential:</b>	Not applicable
<b>Assessment:</b>	Not applicable
<b>Shape:</b>	Not applicable
<b>Crystallinity:</b>	Not applicable
<b>Surface treatment:</b>	Not applicable

**Other information**

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

**10. Stability and reactivity**

<b>Reactivity:</b>	see section "Possibility of hazardous reactions".
<b>Chemical Stability:</b>	The product is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No hazardous reactions with proper storage and handling.
<b>Conditions to avoid:</b>	None with proper storage and handling.
<b>Incompatible Materials:</b>	Not known.
<b>Hazardous Decomposition Products:</b>	None with proper storage and handling.

**11. Toxicological information****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.

**Information on toxicological effects****Acute toxicity (list all possible routes of exposure)****Oral****Product:** LD 50 (ATEmix): > 5,000 mg/kg**Dermal****Product:** LD 50 (ATEmix): > 5,000 mg/kg**Inhalation****Product:** No data available.  
Not classified for acute toxicity based on available data.**Repeated dose toxicity****Product:** No data available.**Skin Corrosion/Irritation****Product:** No data available.**Serious Eye Damage/Eye Irritation****Product:** No data available.**Respiratory or Skin Sensitization****Product:** No data available.**Carcinogenicity****Product:** No data available.**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogens present or none present in regulated quantities

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogens present or none present in regulated quantities

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity****In vitro****Product:** No data available.**Components:**octamethylcyclotetrasiloxane  
Ames test (OECD 471): negative  
Chromosomal aberration (OECD 473): negative  
gene mutation test (OECD 476): negative**In vivo****Product:** No data available.**Components:**octamethylcyclotetrasiloxane  
Micronucleus test (OECD 474) Inhalation - vapor (Rat): negative  
Chromosomal aberration (OECD 478) Oral (Rat): negative  
Chromosomal aberration (OECD 475) Inhalation - vapor (Rat, male and female): negative**Reproductive toxicity****Product:** No data available.**Specific Target Organ Toxicity - Single Exposure****Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure****Product:** No data available.**Aspiration Hazard****Product:** Not classified**Information on health hazards****Other hazards****Product:** No data available.**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish****Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Toxicity to Aquatic Plants****Product:** No data available.**Components:**octamethylcyclotetrasiloxane  
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)**Toxicity to microorganisms****Product:** No data available.**Chronic hazards to the aquatic environment:****Fish****Product:** No data available.**Aquatic Invertebrates****Product:** No data available.**Toxicity to Aquatic Plants****Product:** No data available.**Components:**octamethylcyclotetrasiloxane  
NOEC (Algae (*Pseudokirchneriella subcapitata*), 96 h): < 22 µg/l (US-EPA-method)**Toxicity to microorganisms****Product:** No data available.**Persistence and Degradability****Biodegradation****Product:** No data available.**BOD/COD Ratio****Product:** No data available.**Bioaccumulative potential**

Product name: TEGO® Foamex 843

**Bioconcentration Factor (BCF)**

Product: No data available.

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

Product: Log Kow: not measured

**Mobility in soil:**

Product: No data available.

**Results of PBT and vPvB assessment:**

Product: No data available.

**Other adverse effects:**

**Other hazards**

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

**13. Disposal considerations**

**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.

**14. Transport information**

**Domestic regulation**

**49 CFR**

Not regulated as a dangerous good

**International Regulations**

**UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**15. Regulatory information**

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.



**US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**

None present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Hazard categories**

Not classified

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**

None present or none present in regulated quantities.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**US State Regulations****US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**US. New Jersey Worker and Community Right-to-Know Act****Chemical Identity**

propane-1,2-diol

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances****Chemical Identity**

propane-1,2-diol

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**Inventory Status:**

US TSCA Inventory:	Included on Inventory.
Canada DSL Inventory List:	Included on Inventory.

**16. Other information, including date of preparation or last revision**

**HMIS Hazard ID**

<b>Health</b>	*	0
<b>Flammability</b>		1
<b>Physical Hazards</b>		0
<b>PERSONAL PROTECTION</b>		<b>B</b>

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

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**Version #:** 1.1

**Further Information:** noneCTFA: complies

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

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