

# SAFETY DATA SHEET

Classified in accordance with 29 CFR 1910.1200

## 1. Identification

**Product identifier:** TEGO® Foamex 825  
**Chemical name:**  
Emulsion of organo-modified polysiloxanes

**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

### Label Elements

**Hazard Symbol:** No symbol

**Signal Word:** No signal word.

**Hazard Statement:** This product is not considered to be a hazardous substance or mixture when classified in accordance with Regulation 29 CFR 1910.1200 (US GHS).

**Precautionary Statements** Not applicable

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

### 3. Composition/information on ingredients

**Chemical name:**  
Emulsion of organo-modified polysiloxanes  
**Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%) <sup>*</sup>
Octadecan-1-ol, ethoxylated		9005-00-9	1 - <2.5%

<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 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.

#### 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.

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

<b>Treatment:</b>	Treat symptomatically.
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### 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media**

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

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

**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

**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.

**Accidental release measures:** No data available.

**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 Prevent product from getting into subsoil/soil.

**7. Handling and storage**

**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). Use respiratory protection during spraying. 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. 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.

**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:

Material: Nitrile rubber.  
Break-through time: 240 min

#### 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:

Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. 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:

White

#### Odor:

faint inherent odor

#### Odor Threshold:

not measured

#### Freezing point:

not measured

#### Boiling Point:

212 °F/100 °C

#### 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  
Method: DIN EN ISO 2719

#### Auto-ignition temperature:

not measured

#### Decomposition Temperature:

not measured

#### pH:

7 - 9 at 77 °F/25 °C  
Concentration: 100 g/l  
Concentration: 10 %

in Water

**Viscosity**

**Dynamic viscosity:** 100 - 700 mPa.s at 77 °F/25 °C  
**Kinematic viscosity:** 111 - 778 mm<sup>2</sup>/s at 77 °F/25 °C ,  
 Method: calculated  
**Flow Time:** No data available.

**Solubility(ies)**

**Solubility in Water:** miscible  
**Solubility (other):** not measured  
**Partition coefficient (n-octanol/water):** not measured  
**Vapor pressure:** not measured  
**Relative density:** not measured  
**Density:** 0.9 - 1.1 g/cm<sup>3</sup> at 77 °F/25 °C  
**Bulk density:** No data available.  
**Relative vapor density:** not measured

**Other information**

**Explosive properties:** not measured  
**Oxidizing properties:** not oxidizing  
**Self-ignition:** not measured  
**Metal Corrosion:** Not corrosive to metals  
**Evaporation Rate:** not measured

**10. Stability and reactivity**

**Reactivity:** see section "Possibility of hazardous reactions".  
**Chemical Stability:** The product is stable under normal conditions.  
**Possibility of hazardous reactions:** No hazardous reactions with proper storage and handling  
**Conditions to avoid:** Open flames, sparks or input of much heat direct sunlight  
 Freezing.  
**Incompatible Materials:** Not known.  
**Hazardous Decomposition Products:** None with proper storage and handling.

**11. Toxicological information**

**Information on likely routes of exposure**

**Inhalation:** Information on effects are given below.  
**Skin Contact:** Information on effects are given below.  
**Eye contact:** Information on effects are given below.  
**Ingestion:** Information on effects are given below.

**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

**ACGIH: US.ACGIH Threshold Limit Values:**

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 1910.1001-1053), as amended:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity**

No data available.

**In vitro****Product:** No data available.**Components:**Octadecan-1-ol, Bacterial reverse mutation assay, OECD 471: , negative  
ethoxylated Chromosomal aberration, OECD 473: , negative  
gene mutation test, OECD 476: , negative**In vivo****Product:** No data available.**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:** LC 50, Danio rerio, 96 h, > 100 mg/IOECD 203, The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).**Aquatic Invertebrates****Product:** EC 50, Daphnia magna, 48 h, > 100 mg/IOECD 202, The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).**Toxicity to Aquatic Plants****Product:****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 microorganisms****Product:** No data available.**Persistence and Degradability****Biodegradation****Product:** No data available.**BOD/COD Ratio****Product:** No data available.**Bioaccumulative potential****Bioconcentration Factor (BCF)****Product:** No data available.

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

**Product:** , 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 (on the basis of current knowledge of the product composition).

**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 (on the basis of current knowledge of the product composition).



**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended**

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

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

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

**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 (on the basis of current knowledge of the product composition).

**US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting**

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

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

None present or none present in regulated quantities (on the basis of current knowledge of the product composition).

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

Reportable Quantity not reasonably exceeded.

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

No ingredient requiring a warning under CA Prop 65.

**Inventory Status:**

<b>Canada DSL Inventory List:</b>	On or in compliance with the inventory
<b>US TSCA Inventory:</b>	On or in compliance with the inventory

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

<b>Health</b>	1
<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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**Abbreviations and acronyms:**

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further Information:** No data available.

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

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