

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product identifier:** TEGO FOAMEX 840

**Chemical name:**  
Polyether siloxane

**Other means of identification**

**Recommended restrictions**

**Recommended use:** Industrial Use  
**Restrictions on use:** None known.

**Manufacturer/Importer/Distributor Information**

Company Name : Evonik Corporation  
299 Jefferson Road  
Parsippany, NJ 07054  
USA

Telephone : +1 973 929 8000

Fax : +1 973 929 8042

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

**Emergency telephone number:**

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)  
Emergency : +1 800 681 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:** Not applicable

**Precautionary Statements** Not a hazardous substance or mixture according to 29 CFR 1910.1200.

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

### 3. Composition/information on ingredients

**Chemical name:**  
 Polyether siloxane

#### Mixtures

| Chemical Identity           | CAS number | Content in percent (%) <sup>*</sup> |
|-----------------------------|------------|-------------------------------------|
| Ethanol,2-(2-butoxyethoxy)- | 112-34-5   | >=5 - <10%                          |

<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

|  |  |
|--|--|
| <b>General information:</b>                          | Remove soiled or soaked clothing immediately   |
| <b>Inhalation:</b>                                   | No special measures required. Ensure supply of fresh air.  |
| <b>Skin Contact:</b>                                 | In case of contact with skin wash off with soap and water.   |
| <b>Eye contact:</b>                                  | In case of contact with eyes, rinse thoroughly with water.   |
| <b>Ingestion:</b>                                    | If swallowed, seek medical attention and show MSDS.  |
| <b>Personal Protection for First-aid Responders:</b> | As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear. |

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

|                  |                    |
|------------------|--------------------|
| <b>Symptoms:</b> | No special hints.  |
| <b>Hazards:</b>  | No data available. |

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

|                   |                        |
|-------------------|------------------------|
| <b>Treatment:</b> | Treat symptomatically. |
|-------------------|------------------------|

### 5. Fire-fighting measures

#### Suitable (and unsuitable) extinguishing media

|  |  |
|--|--|
| <b>Suitable extinguishing media:</b>   | foam, carbon dioxide, dry powder, water spray. |
| <b>Unsuitable extinguishing media:</b> | Full water jet                                 |

**Specific hazards arising from the chemical:** In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide

#### Special protective equipment and precautions for firefighters

|  |                          |
|--|--------------------------|
| <b>Special fire fighting procedures:</b> | No specific precautions. |
|--|--------------------------|

**Special protective equipment for fire-fighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

## 6. Accidental release measures

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

**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):** Good general (mechanical) ventilation should be sufficient to control airborne levels.

**Safe handling advice:** Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Provide good ventilation of working area (local exhaust ventilation if necessary).

**Contact avoidance measures:** No data available.

**Hygiene measures:** No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift. Light protective clothing recommended.

### Storage

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

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

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Hazardous components without workplace control parameters

**Appropriate Engineering Controls** Good general (mechanical) ventilation should be sufficient to control airborne levels.

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

**Eye/face protection:** Safety Goggles recommended for use.

#### Skin Protection

**Hand Protection:** Material: gloves made of butyl (IIR)  
 Break-through time: 480 min  
 Material: gloves made of nitril (NBR)  
 Break-through time: 480 min  
 Material: gloves made of chloroprene (CR, e.g. Neoprene)  
 Break-through time: 480 min

|                                  |   |
|----------------------------------|---|
| <b>Skin and Body Protection:</b> | protective clothing   |
| <b>Respiratory Protection:</b>   | Respiratory protection not required.  |
| <b>Hygiene measures:</b>         | No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift. Light protective clothing recommended. |

## 9. Physical and chemical properties

### Appearance

|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Physical state:</b>            | liquid                       |
| <b>Form:</b>                      | liquid                       |
| <b>Color:</b>                     | Colorless                    |
| <b>Odor:</b>                      | Mild                         |
| <b>Odor Threshold:</b>            | not measured                 |
| <b>pH:</b>                        | 6 - 8 (25 °C) delivered form |
| <b>Freezing point:</b>            | < 0 °C                       |
| <b>Boiling Point:</b>             | > 200 °C                     |
| <b>Flash Point:</b>               | > 212 °F (DIN EN ISO 2719)   |
| <b>Evaporation Rate:</b>          | Unavailable                  |
| <b>Flammability (solid, gas):</b> | no data available            |

|   |   |
|---|---|
| <b>Explosive limit - upper (%):</b>             | not measured                                    |
| <b>Explosive limit - lower (%):</b>             | not measured                                    |
| <b>Vapor pressure:</b>                          | not measured                                    |
| <b>Vapor density (air=1):</b>                   | not measured                                    |
| <b>Density:</b>                                 | approx. 1 g/cm <sup>3</sup> (20 °C) (DIN 51757) |
| <b>Relative density:</b>                        | No data available.                              |
| <b>Solubility(ies)</b>                          |   |
| <b>Solubility in Water:</b>                     | (25 °C) Insoluble                               |
| <b>Solubility (other):</b>                      | not measured                                    |
| <b>Partition coefficient (n-octanol/water):</b> | not measured                                    |
| <b>Self Ignition Temperature:</b>               | not measured                                    |
| <b>Decomposition Temperature:</b>               | not measured                                    |
| <b>Kinematic viscosity:</b>                     | No data available.                              |
| <b>Dynamic viscosity:</b>                       | 50 - 300 mPa.s (25 °C, DIN 53019)               |

### 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 |

## 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 No hazardous reactions with proper storage and handling. |

|  |  |
|--|--|
| <b>Conditions to avoid:</b>              | None with proper storing and handling. |
| <b>Incompatible Materials:</b>           | Unknown                                |
| <b>Hazardous Decomposition Products:</b> | None with proper storage and handling. |

## 11. Toxicological information

### 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. |

### Symptoms related to the physical, chemical and toxicological characteristics

|                      |                    |
|----------------------|--------------------|
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |
| <b>Ingestion:</b>    | No data available. |

### Information on toxicological effects

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

##### Oral

|                 |  |
|-----------------|--|
| <b>Product:</b> | no data available<br>Acute toxicity estimate : 2,670 mg/kg |
|-----------------|--|

##### Dermal

|                 |  |
|-----------------|--|
| <b>Product:</b> | no data available<br>Acute toxicity estimate : > 5,000 mg/kg |
|-----------------|--|

##### Inhalation

|                 |                   |
|-----------------|-------------------|
| <b>Product:</b> | no data available |
|-----------------|-------------------|

#### Repeated dose toxicity

|                 |                   |
|-----------------|-------------------|
| <b>Product:</b> | no data available |
|-----------------|-------------------|

#### Skin Corrosion/Irritation

|                 |                   |
|-----------------|-------------------|
| <b>Product:</b> | no data available |
|-----------------|-------------------|

#### Serious Eye Damage/Eye Irritation

|                 |                   |
|-----------------|-------------------|
| <b>Product:</b> | no data available |
|-----------------|-------------------|

#### Respiratory or Skin Sensitization

|                 |                   |
|-----------------|-------------------|
| <b>Product:</b> | no data available |
|-----------------|-------------------|

#### Carcinogenicity

|                 |                    |
|-----------------|--------------------|
| <b>Product:</b> | 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):**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity****In vitro****Product:** No data available.**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**Other effects:**

Proper use provided, no adverse health effects have been observed or have been come to our knowledge. Eye contact may produce an oil film over the eye-ball causing a harmless reversible shortlasting dimness of sight.

**12. Ecological information****Ecotoxicity:****Acute hazards to the aquatic environment:****Fish****Product:** No data available.**Aquatic Invertebrates****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.

#### 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: Log Kow: not measured

**Mobility in soil:** No data available.

**Components:**  
Ethanol,2-(2-butoxyethoxy)- No data available.

**Other adverse effects:** 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)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):****Chemical Identity****Reportable quantity****Superfund Amendments and Reauthorization Act of 1986 (SARA)****Hazard categories**

Not classified

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances****SARA 311/312 Hazardous Chemical****Chemical Identity****Threshold Planning Quantity****SARA 313 (TRI Reporting)****Chemical Identity**

Ethanol,2-(2-butoxyethoxy)-

**Reporting threshold for other users**

Otherwise used (non-manufacturing/processing)

**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****WARNING**No - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

No ingredient requiring a warning under CA Prop 65.

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

Ethanol,2-(2-butoxyethoxy)-



**US. Massachusetts RTK - Substance List**

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

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

Ethanol,2-(2-butoxyethoxy)-

**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>              | 1 |
| <b>Flammability</b>        | 1 |
| <b>Physical Hazards</b>    | 0 |
| <b>PERSONAL PROTECTION</b> | X |

Ask supervisor or safety specialist for handling instructions

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

**Issue Date:** 03/15/2019

**Version #:** 1.0

**Further Information:** No data available.

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

**Disclaimer:** This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.