

SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product identifier: TEGO® Foamex 835

Chemical name:
Polydimethylsiloxane emulsion

Other means of identification

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

Health Hazards

Serious Eye Damage/Eye Irritation Category 1

Label Elements

Hazard Symbol:



Signal Word: Danger

Hazard Statement: Causes serious eye damage.

Precautionary Statements

Prevention: Do not get in eyes, on skin, or on clothing. Wear protective gloves/eye protection/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor.

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

3. Composition/information on ingredients

Chemical name:
 Polydimethylsiloxane emulsion

Mixtures

| Chemical Identity | CAS number | Content in percent (%) [*] |
|------------------------------|------------|-------------------------------------|
| Stearyl alcohol, ethoxylated | 9005-00-9 | <5% |

^{*} 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: No special measures required. Ensure supply of fresh air.

Skin Contact: Immediately and thoroughly, wash off with soap and water.

Eye contact: Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.

Ingestion: Seek medical advice and show this data sheet.

Personal Protection for First-aid Responders: 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

Symptoms: Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

5. Fire-fighting measures

General Fire Hazards: Collect contaminated firefighting water separately, must not be discharged into the drains.

Suitable (and unsuitable) extinguishing media

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

Unsuitable extinguishing media: 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

Special fire fighting procedures: 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.

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 special ventilation required.

Safe handling advice: Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.No special measures necessary if stored and handled as prescribed.

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. No other precautions required.

Storage

Safe storage conditions: Keep container tightly closed. Protect from frost. Homogenise before using.

Safe packaging materials: No data available.

8. Exposure controls/personal protection

Control Parameters
Occupational Exposure Limits

None of the components have assigned exposure limits.
 None of the components have assigned exposure limits.
 Hazardous components without workplace control parameters

Appropriate Engineering Controls

No special ventilation required.

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety Goggles recommended for use.

Skin Protection
Hand Protection:

Additional Information: PVC gloves
 Material: gloves made of natural latex
 Break-through time: 480 min
 Material: gloves made of nitril (NBR)
 Break-through time: 480 min
 Material: protective gloves made of fluorinated rubber (FKM, e.g. Viton)
 Break-through time: 480 min
 Material: gloves made of butyl
 Break-through time: 480 min

Skin and Body Protection:

No other protective clothing is required. Normal work clothing such as long pants and long sleeves are recommended.

Respiratory Protection:

Respiratory protection not required.

Hygiene measures:

No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift. No other precautions required.

9. Physical and chemical properties
Appearance

| | |
|-----------------------------------|-------------------------------|
| Physical state: | liquid |
| Form: | liquid |
| Color: | Milky white |
| Odor: | slight, typical |
| Odor Threshold: | not determined |
| pH: | 5 - 7 (100 g/l, 20 °C) Water. |
| Freezing point: | approx. 0 °C |
| Boiling Point: | 237.60 °F |
| Flash Point: | Not applicable |
| Evaporation Rate: | Unavailable not determined |
| Flammability (solid, gas): | no data available |

| | |
|-------------------------------------|--------------------------|
| Explosive limit - upper (%): | Not applicable |
| Explosive limit - lower (%): | Not applicable |
| Vapor pressure: | not measured |
| Vapor density (air=1): | not measured |
| Density: | 0.9979 g/cm ³ |
| Relative density: | No data available. |
| Solubility(ies) | |
| Solubility in Water: | miscible |

| | |
|---|--------------------|
| Solubility (other): | not measured |
| Partition coefficient (n-octanol/water): | not measured |
| Self Ignition Temperature: | not determined |
| Decomposition Temperature: | not measured |
| Kinematic viscosity: | No data available. |
| Dynamic viscosity: | not determined |

Other information

| | |
|--------------------------------------|----------------|
| Explosive properties: | not determined |
| Oxidizing properties: | not determined |
| Minimum ignition temperature: | Not applicable |
| Metal Corrosion: | 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 No hazardous reactions with proper storage and handling. |
| Conditions to avoid: | none |
| Incompatible Materials: | Unknown |
| Hazardous Decomposition Products: | None with proper storage and handling. |

11. Toxicological information
Information on likely routes of exposure

| | |
|----------------------|---|
| Inhalation: | If handled correctly, not a relevant route of exposure. Information on effects are given below. |
| Skin Contact: | Relevant route of exposure. Information on effects are given below. |
| Eye contact: | Relevant route of exposure. Information on effects are given below. |
| Ingestion: | If handled correctly, not a relevant route of exposure. Information on effects are given below. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|----------------------|--------------------|
| Inhalation: | No data available. |
| Skin Contact: | No data available. |
| Eye contact: | No data available. |
| Ingestion: | No data available. |

Information on toxicological effects
Acute toxicity (list all possible routes of exposure)

| | |
|----------------------|--------------------|
| Oral Product: | No data available. |
|----------------------|--------------------|

Dermal
Product: no data available

Inhalation
Product: no data available

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):
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: No data available.

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 K_{ow})****Product:** Log K_{ow}: not measured**Mobility in soil:**

No data available.

Components:Stearyl alcohol,
ethoxylated 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):

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Ethanol | 100 lbs. |
| sodium hydroxide | 1000 lbs. |
| Cyclohexane | 1000 lbs. |

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

Serious eye damage or eye irritation

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**

| <u>Chemical Identity</u> | <u>Threshold Planning Quantity</u> |
|--------------------------|------------------------------------|
|--------------------------|------------------------------------|

SARA 313 (TRI Reporting)

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


WARNING: This product can expose you to chemicals including, Ethanol, which is [are] known to the State of California to cause cancer and birth defects or other reproductive harm.

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

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

US. Massachusetts RTK - Substance List

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

US. Pennsylvania RTK - Hazardous Substances

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

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

| | |
|----------------------------|---|
| Health | 3 |
| Flammability | 1 |
| Physical Hazards | 0 |
| PERSONAL PROTECTION | 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

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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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