

Product name: TEGO® Foamex 812

SAFETY DATA SHEET

Classified in accordance with Health Canada Hazardous Products Regulations
(SOR/2015-17)

1. Identification

Product identifier:
TEGO® Foamex 812

Chemical name:
Polymer based defoamer

Recommended use of the chemical and restrictions on use

Recommended use: Industrial use
Recommended restrictions: None known.

Manufacturer/Importer/Distributor Information

Company Name : Evonik Canada Inc.
3380 South Service Road
L7N 3J5 Burlington ON
Canada

Telephone : +1 905 336 3423
Fax : +1 905 332 5632
E-mail : product-regulatory-services@evonik.com

Emergency telephone number:

24-Hour Health Emergency : +1 800 424 9300 (CHEMTREC - US & CANADA)
800 681 9531 (CHEMTREC MEXICO)
+1 703 527 3887 (CHEMTREC WORLD)
+1 613 996 6666 (CANUTEC – For Transportation Emergencies Only)
+1 973 929 8060 (Product Regulatory Services)

2. Hazard identification

According to Hazardous Products Regulations

Not classified

Label Elements

Hazard Symbol: No symbol

Signal Word: No signal word.

Hazard Statement: Not applicable

Precautionary Statements

Physical Hazards Not Otherwise Classified: Classification not possible

Product name: TEGO® Foamex 812

Health Hazards Not Otherwise Classified:

Classification not possible

3. Composition/information on ingredients

Chemical name:

Polymer based defoamer

Mixtures

Composition Comments: The components are not hazardous or are below required disclosure limits.

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: | No data available. |

Most important symptoms and effects, both 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

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 dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures: No specific precautions.

Product name: TEGO® Foamex 812

Special protective equipment for fire-fighters:

Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus and wear protective suit

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:

Pick up with absorbent material (e.g. sand, sawdust, general-purpose 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 (e.g. Local and general 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. Do not store together with oxidizing agents.

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 goggles

Hand Protection:

 Material: Nitrile rubber.
 Break-through time: 480 min

Product name: TEGO® Foamex 812

| | |
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| Other: | 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

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|------------------------|-------------------------|
| Physical state: | liquid |
| Form: | liquid |
| Color: | yellowish |
| Odor: | specific to the product |
| 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 ISO 2719) |
| Self Ignition Temperature: | not measured |
| Decomposition Temperature: | not measured |
| pH: | Not applicable |

Viscosity

| | |
|-----------------------------|--|
| Dynamic viscosity: | 50 - 2,000 mPa.s (77 °F/25 °C, DIN 53015) |
| Kinematic viscosity: | 50 - 2004 mm ² /s (77 °F/25 °C, calculated) |
| Flow Time: | No data available. |

Solubility(ies)

| | |
|---|--------------|
| Solubility in Water: | Insoluble |
| Solubility (other): | not measured |
| Partition coefficient (n-octanol/water): | not measured |

| | |
|--------------------------------|---|
| Vapor pressure: | not measured |
| Relative density: | not measured |
| Density: | 0.988 - 0.998 g/cm ³ (77 °F/25 °C) |
| Bulk density: | No data available. |
| Relative vapor density: | not measured |

Particle characteristics

| | |
|---------------------------------------|--------------------|
| Particle Size: | No data available. |
| Particle Size Distribution: | No data available. |
| Specific surface area: | No data available. |
| Surface charge/Zeta potential: | No data available. |
| Shape: | No data available. |
| Crystallinity: | No data available. |
| Surface treatment: | No data available. |

Product name: TEGO® Foamex 812

Other information

| | |
|--------------------------------------|-------------------------|
| Explosive properties: | not measured |
| Oxidizing properties: | not oxidizing |
| Minimum ignition temperature: | not measured |
| Metal Corrosion: | Not corrosive to metals |
| Evaporation Rate: | not measured |

10. Stability and reactivity

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|--|---|
| 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: | None with proper storage and handling. |
| Incompatible Materials: | Oxidizing agents. |
| Hazardous Decomposition Products: | None with proper storage and handling. |

11. Toxicological information**Information on toxicological effects****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:** Not classified for acute toxicity based on available data.**Dermal****Product:** Not classified for acute toxicity based on available data.**Inhalation****Product:** 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 name: TEGO® Foamex 812

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

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended

No carcinogens present or none present in regulated quantities

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended

No carcinogens present or none present in regulated quantities

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity

No data available.

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**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/l**Aquatic Invertebrates**

Product name: TEGO® Foamex 812

Product: EC 50 (Daphnia magna, 48 h): > 100 mg/l

Toxicity to Aquatic Plants

Product: No data available.

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: NOEC (Desmodesmus subspicatus (green algae), 72 h): 100 mg/l (OECD 201) The product was tested above its maximum solubility.

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: 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.

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| 13. Disposal considerations |
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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.

Product name: TEGO® Foamex 812

14. Transport information

Domestic regulation

TDG

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

Canada Federal Regulations

List of Toxic Substances (CEPA, Schedule 1)

Chemical Identity

octamethylcyclotetrasiloxane

Export Control List (CEPA 1999, Schedule 3)

Not Regulated

National Pollutant Release Inventory (NPRI)

Canada. National Pollutant Release Inventory (NPRI) Substances, Part 5, VOCs with Additional Reporting Requirements

NPRI PT5 Not Regulated

Canada. National Pollutant Release Inventory (NPRI) (Schedule 1, Parts 1-4)

NPRI Not Regulated

Greenhouse Gases

Not Regulated

Canada. Substances Subject to Significant New Activity (SNAc) Reporting Requirements

Not Regulated

Controlled Drugs and Substances Act

CA CDSI Not Regulated

CA CDSII Not Regulated

CA CDSIII Not Regulated

CA CDSIV Not Regulated

CA CDSV Not Regulated

CA CDSVII Not Regulated

Product name: TEGO® Foamex 812

CA CDSVIII

Not Regulated

Precursor Control Regulations

Not Regulated

Inventory Status:

| | | |
|----------------------------|--|---------------------------|
| Canada DSL Inventory List: | On or in compliance with the inventory | |
| US TSCA Inventory: | On or in compliance with the inventory | Commercial Status: Active |

16. Other information, including date of preparation or last revision**Issue Date:** 05/16/2022**Version #:** 1.1**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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