**Function**
Defoamer emulsion

**Physical / Chemical properties**
Please refer to our Technical Data Sheet as well as our Safety Data Sheet concerning relevant physical & chemical characteristics.

**Content of Hazardous components**
TEGO® Foamex 822 contains the following dangerous ingredients above 0.01% according to Regulation (EC) No. 1272/2008 [CLP] which are subject to restrictions according to Ecolabel (2014/312/EU) because of their GHS classification:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Content, %</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octadecan-1–ol, ethoxylated, &lt; 2.5 EO*</td>
<td>9005–00–9</td>
<td>approx. 1.6</td>
<td>H411, 2, Aquatic Chronic</td>
<td>surfactant</td>
</tr>
<tr>
<td>Dodecamethylcyclohexasiloxane (Impurity of raw material)</td>
<td>540–97–6</td>
<td>approx.0.05</td>
<td>listed as SVHC</td>
<td></td>
</tr>
<tr>
<td>Decamethylcyclopentasiloxane (Impurity of raw material)</td>
<td>541–02–6</td>
<td>approx.0.05</td>
<td>listed as SVHC</td>
<td></td>
</tr>
<tr>
<td>Cyclotetrasiloxane,2,2,4, 4,6,6,8–octamethyl–(impurity of raw material)</td>
<td>556–67–2</td>
<td>approx.0.05</td>
<td>H226, 3, Flam. Liq. H361f, 2, Repr. H413, 4, Aquatic Chronic</td>
<td>listed as SVHC</td>
</tr>
<tr>
<td>Ethanol, 2–amino</td>
<td>141–43–5</td>
<td>&lt;0.1</td>
<td>H332, 4 Acute Tox. Inhal. H312, 4 Acute Tox. Dermal H302, 4 Acute Tox. Oral H314, 1B Skin Corr. H318, 1 Eye Dam. H335, 3 STOT SE H412, 3 Aquatic Chronic</td>
<td></td>
</tr>
</tbody>
</table>
*Please note that Octadecan-1-ol, ethoxylated, < 2.5 EO is a surfactant. For the specified concentration limits of the surfactants please refer to the Appendix 4 (a) of 5(a)(i) Derogations applying to substance groups of Ecolabel (2014/312/EU).

Absence of substances
We do not expect the presence of following substances within TEGO® Foamex 822:

- Isothiazolinone compounds:
  - 2–methyl–2H–isothiazol–3–one (MIT)
  - 2–octyl–2H–isothiazol–3–one (OIT)
- 3–iodo–2–propynyl butylcarbamate (IPBC)
- Zinc pyrithione
- N–(3–aminopropyl)–N–dodécylpropane–1, 3–diamine
- Zinc oxide
- Alkylphenolethoxylates (APEOs) and theirs derivatives
- Long chain perfluorinated surfactants:
  - Perfluorocarboxylic acids
  - Perfluoroalkyl sulfonates
- Metals and their compounds:
  - Cadmium, lead, chromium VI, mercury, arsenic, barium, selenium, antimony and cobalt
- Crystalline silica and leucophyllite minerals containing crystalline silica
- Phthalates:
  - DEHP (Bis–(2–ethylhexyl)–phthalate)
  - BBP (Butylbenzylphthalate)
  - DBP (Dibutylphthalate)
  - DMEP (Bis2–methoxyethyl) phthalate
  - DIBP (Diisobutylphthalate)
  - DIHP (Di–C6–8–branched alklyphthalates)
  - DHNUP (Di–C7–11–branched alklyphthalates)
  - DHP (Di–n–hexlyphthalate)
- Adipic acid dihydrazide (ADH)
- Methanol
- Formaldehyde
- Volatile Aromatic Hydrocarbons
- Halogenated solvents

Nanomaterials
During the production of TEGO® Foamex 822 we use fumed silica. This ingredient is not a hazardous substance according to Regulation (EC) No. 1272/2008 [CLP].
PBT (Persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative)
TEGO® Foamex 822 does not contain the PBT / vPvB substances in amounts above 0.1% according to annex XIII of (EC) 1907/2006 REACH criteria.

Biocides
Please note that TEGO® Foamex 822 contains following biocides:

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS-No.</th>
<th>Amount [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Pyridinethiol, 1-oxide, sodium salt (1:1)</td>
<td>3811-73-2</td>
<td>0.0352</td>
</tr>
<tr>
<td>1,2-Benzisothiazol-3(2H)-one</td>
<td>2634-33-5</td>
<td>0.0088</td>
</tr>
</tbody>
</table>

VOC (volatile organic compounds) – content
Determination via DIN EN ISO 11890/2: approx. 2 g/l

SVOC (semi volatile organic compounds) – content
Determination via DIN EN ISO 11890/2: approx. 5 g/l

REACH / SVHC
Please refer to EU-SDS.
In case of any questions concerning the provided information or if you need additional advice you are welcome to contact us:

**Evonik Resource Efficiency GmbH**
Goldschmidtstraße 100
45127 Essen
Germany
www.evonik.de
www.coating-additives.com

Please contact for region Europe, Middle East, Russia and Afrika
regulatory-coating-additives-europe@evonik.com

Please contact for region Americas
regulatory-coating-additives-americas@evonik.com

Please contact for region Asia, Australia and New Zealand
regulatory-coating-additives-asia@evonik.com

The information given above is based on and represents our current compositional knowledge (based on the knowledge of the production process, supplier information for raw materials and analytical data where applicable).

Please note that Evonik Resource Efficiency GmbH does not analyse whether the mentioned substances are contained, because the content of such substances is not part of our product specification or formulation.

We use raw materials of technical purity, therefore negligible amounts on the level of natural / technical impurities cannot be excluded.

In case of provided values these are considered to be typical concentrations and are not part of the product specification.

All provided information is based on our present knowledge and experience and is true and complete to the best of our knowledge and belief. However, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied.