Function
Slip and flow additive

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® Glide 450 contains 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>Dodecamethylcyclohexasiloxane (Impurity of raw material)</td>
<td>540–97–6</td>
<td>&lt;0.1</td>
<td>-</td>
<td>listed as SVHC</td>
</tr>
<tr>
<td>Decamethylcyclopentasiloxane (Impurity of raw material)</td>
<td>541–02–6</td>
<td>&lt;0.1</td>
<td>-</td>
<td>listed as SVHC</td>
</tr>
<tr>
<td>Cyclotetrasiloxane,2,2,4,4,6,8,8-octamethyl- (impurity of raw material)</td>
<td>556–67–2</td>
<td>&lt;0.1</td>
<td>H226, 3, Flam. Liq. H361f, 2, Repr. H413, 4, Aquatic Chronic</td>
<td>listed as SVHC</td>
</tr>
<tr>
<td>Confidential</td>
<td>Conf.</td>
<td>approx. 0.05</td>
<td>H319, 2 Eye Irrit. H412, 3 Aquatic Chronic</td>
<td></td>
</tr>
</tbody>
</table>

Absence of substances
We do not expect the presence of following substances within TEGO® Glide 450:
- Isothiazolinone compounds:
  - 2-methyl-2H-isothiazol-3-one (MIT)
  - 1,2-benzisothiazol-2(2H)-one (BIT)
  - 2-octyl-2H-isothiazol-3-one (OIT)
  - 5-chloro-2-methyl-isothiazolin-3-one/2-methyl-4-isothiazolin-3-one (CMI/MIT mix)
• 3-iodo-2-propynyl butylcarbamate (IPBC)
• N-(3-aminopropyl)-N-dodecylpropane-1, 3-diamine
• Zinc oxide
• Alkylphenoethoxylates (APEOs) and their 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-hexylphthalate)
• Volatile Aromatic Hydrocarbons
• Halogenated solvents
• Nanomaterials
• Adipic acid dihydrazide (ADH)
• Methanol

**Formaldehyde**
The formaldehyde content, determined on the measurement method Vdl.RL 03, we would like to declare for TEGO® Glide 450 with 1.1 ppm.

**PBT (Persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative)**
TEGO® Glide 450 does not contains PBT / vPvB substances according to criteria in annex XIII in REACH above 0.1%

**VOC (volatile organic compounds) – content**
Determination via DIN EN ISO 11890/2: approx. 1.5 g/l

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

**REACH / SVHC**
Please refer to our additional statements.
The information given above are 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.