CosVivet Surfactant Range

Our mild, natural and sustainable solution for your cosmetics

www.brenntag.de
**PRODUCT OVERVIEW**

<table>
<thead>
<tr>
<th>COSVIVET</th>
<th>APG CCG50</th>
<th>APG CCG60</th>
<th>APG CCG65</th>
<th>APG CCG70</th>
<th>APG CCG70D</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCI-Name</td>
<td>Caprylyl/Capryl Glucoside</td>
<td>Caprylyl/Capryl Glucoside</td>
<td>Caprylyl/Capryl Glucoside</td>
<td>Caprylyl/Capryl Glucoside</td>
<td>Caprylyl/Capryl Glucoside</td>
</tr>
<tr>
<td>Solid content (%)</td>
<td>50.0 - 52.0</td>
<td>58.0 - 62.0</td>
<td>62.0 - 65.0</td>
<td>68.0 - 72.0</td>
<td>68.0 - 72.0</td>
</tr>
<tr>
<td>Viscosity in mPa.s, 20°C</td>
<td>200 - 600</td>
<td>500 - 2500</td>
<td>3000 - 4000</td>
<td>3500 - 5000</td>
<td>3500 - 5000</td>
</tr>
<tr>
<td>pH at 25°C, 10% sol.</td>
<td>11.5 - 12.5</td>
<td>11.5 - 12.5</td>
<td>11.5 - 12.5</td>
<td>11.5 - 12.5</td>
<td>11.5 - 12.5</td>
</tr>
<tr>
<td>Appearance</td>
<td>Light yellow liquid</td>
<td>Light yellow liquid</td>
<td>Light yellow liquid</td>
<td>Light yellow liquid</td>
<td>Yellow to brown liquid</td>
</tr>
<tr>
<td>Carbon chain length</td>
<td>C8 - C10</td>
<td>C8 - C10</td>
<td>C8 - C10</td>
<td>C8 - C10</td>
<td>C8 - C10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COSVIVET</th>
<th>APG CG46</th>
<th>APG DG55</th>
<th>APG DG64</th>
<th>APG DG73</th>
<th>APG LG50</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCI-Name</td>
<td>Coco-Glucoside</td>
<td>Decyl Glucoside</td>
<td>Decyl Glucoside</td>
<td>Decyl Glucoside</td>
<td>Lauryl Glucoside</td>
</tr>
<tr>
<td>Solid content (%)</td>
<td>50.0 - 53.0</td>
<td>50.0 - 52.0</td>
<td>50.0 - 52.0</td>
<td>50.0 - 52.0</td>
<td>50.0 - 53.0</td>
</tr>
<tr>
<td>Viscosity in mPa.s, 20°C</td>
<td>2500 - 6000</td>
<td>1000 - 2500</td>
<td>1000 - 2000</td>
<td>11.5 - 12.5</td>
<td>2000 - 4000</td>
</tr>
<tr>
<td>pH at 25°C, 10% sol.</td>
<td>11.5 - 12.5</td>
<td>11.5 - 12.5</td>
<td>11.5 - 12.5</td>
<td>11.5 - 12.5</td>
<td>11.5 - 12.5</td>
</tr>
<tr>
<td>Appearance</td>
<td>Light yellow liquid</td>
<td>Light yellow liquid</td>
<td>Light yellow liquid</td>
<td>Light yellow liquid</td>
<td>Pale yellow liquid</td>
</tr>
<tr>
<td>Carbon chain length</td>
<td>C8 - C14</td>
<td>C8 - C14</td>
<td>C8 - C14</td>
<td>C8 - C14</td>
<td>C12 - C14</td>
</tr>
</tbody>
</table>

**DESCRIPTION**

Brenntag’s own range of alkyl polyglucosides are made of natural fatty acids and glucose derived from renewable plants. Being very mild and readily biodegradable, they are ideal surfactants for modern cosmetic formulations. APG’s have low surface tension and strong detergency. They are very compatible with electrolytes and other surfactants and can improve the mildness of formulations when combined with standard surfactants (e.g. sodium laureth sulfate). They can be used as main surfactants or co-surfactants, have solubilizing, emulsifying and thickening properties and create rich and stable foam in rinse off formulations.

**FUNCTIONS AND ADVANTAGES**

- Mild
- Foaming*
- Thickening**
- Cleansing
- Emulsifying
- Solubilizing
- Improved combability

**STORAGE**

Stable for 24 months in original packaging when stored at room temperature.

**PACKAGING**

IBC’s and drums available

**CONFORMITY**

- COSMOS-certified
- Halal-certified
- Mass balance quality

**TYPICAL APPLICATIONS**

Our alkyl polyglucosides are used in:

- Shower products
- Bath products
- Facial cleansing
- Personal hygiene
- Wet wipes
- Soaps
- 2-in-1 products
- Shampoos
- Conditioners
- Baby care
- Sun care
- Leave on formulations

* The best foaming properties are achieved with decyl glucosides.
** The best thickening effect is achieved with coco-glucoside.

**CONTACT**

lifescience@brenntag.de