PRODUCT OVERVIEW
Texique® HE10 is a new bio-based high performance thickener for the personal care market. It is produced from 62% naturally derived ingredients, none of which are animal-based. Texique® HE10 is also ethylene oxide free.

INCI NAME
Sodium acrylate/sodium acryloyldimethyl taurate copolymer, C13-15 alkane, coco-glucoside.

KEY BENEFITS
- Excellent emulsification properties (up to 40%)
- Pre-neutralised and ready to use
- Cold processable
- No preservative

APPLICATIONS
Texique® HE10 is an easy to use, multi-functional additive for personal care applications. Providing thickening, stabilising, emulsifying and texturising, it can be used in a range of formulations from sprays to creams.

PHYSICAL PROPERTIES
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pale Yellow Liquid</td>
</tr>
<tr>
<td>Specific Gravity at 25°C</td>
<td>1.05</td>
</tr>
<tr>
<td>Inverse Emulsion Viscosity (Brookfield RVT, Spindle 3, 20rpm at 25°C)</td>
<td>3000 mPa s</td>
</tr>
<tr>
<td>Thickened Deionised Water</td>
<td>50,000 mPa s</td>
</tr>
<tr>
<td>Polymer Charge</td>
<td>Anionic</td>
</tr>
</tbody>
</table>

*Deionised water thickened with 3% of Texique® HE10 as supplied. Brookfield RVT, Spindle 6, 5 rpm at 25°C.

THICKENING OF TEXIQUE® HE10 IN WATER

![Graph showing the thickening of Texique® HE10 in water]
EMULSIFICATION OF 3% TEXIQUE® HE10 WITH 10 - 30% DIFFERENT EMOLLIENTS

![Graph showing viscosity of emulsification of 3% Texique® HE10 with different emollients.](image)

Key:
- Control
- 10%
- 20%
- 30%

PACKAGING AND STORAGE:
Texique® HE10 is available in drums and IBCs (please check with your local representative).

Texique® HE10 should be stored between 5 and 30°C in the original, unopened container in a dry, well ventilated place. Protect from freezing and direct sunlight.

HEALTH AND SAFETY
Please see separate material safety data sheet.