



PERFORMANCE INSPIRED INGENUITY

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## Calming Cream

### Hand Cream

#### Description:

This hand cream moisturizes and provides a barrier to help protect the skin. Silmer<sup>®</sup> Sustain-H is a silicone elastomer gel diluted in a sustainable biobased hemisqualane carrier, resulting in a final formulation with a higher biobased content than those using traditional silicone elastomer gels. Silmer<sup>®</sup> Sustain-H imparts cushion, provides a lengthy playtime on the skin and finishes with a smooth after-feel. Silmer<sup>®</sup> Q25 is a silicone Q resin that offers stay-in-place and barrier properties, imparting protection at the surface of the skin. Silsurf<sup>®</sup> Q25315-O is a novel cyclomethicone-free emulsifier that not only incorporates the formulation ingredients with ease, but also provides additional skin conditioning and a silky sensorial. The overall formulation is comprised mainly of biobased ingredients which follows consumer's desires for sustainability. Helpful protection for skin and the environment, with enjoyable sensorial, all courtesy of premium benefits offered by Siltech ingredients!

#### Ingredients:

Phase	Description (supplier)	INCI Name	Weight %
A	D.I. Water	Water	63.3
	Zemea Propanediol	Propanediol	5.0
	Cosmedia SP (BASF)	Sodium Polyacrylate	0.7
	<b>Silsurf<sup>®</sup> Q25315-O (Siltech)</b>	PEG/PPG-12/12 Dimethylsiloxysilicate	5.0
B	Fractionated Coconut Oil (Botanix)	Caprylic/capric Triglyceride	15.0
	<b>Silmer<sup>®</sup> Sustain-H (Siltech)</b>	C13-15 Alkane (and) Vinyl Dimethicone Crosspolymer	10.0
	<b>Silmer<sup>®</sup> Q25 (Siltech)</b>	Trimethylsiloxysilicate	1.0
Total			100.0

#### Procedure:

- 1) Disperse Cosmedia SP in water and Propanediol in Phase A until hydrated, add Silsurf<sup>®</sup> Q25315-O, mix well.
- 2) Combine Phase B and mix well. Add Phase B into Phase A at a moderate mixing rate. After addition shear at a high rate for a few minutes until consistent.

Product formulations are included as illustrative examples. Siltech Corporation makes no representation or warranty of any kind with regard to any such formulations, including, without limitation, concerning the efficacy or safety of any product manufactured using such formulations.