



PERFORMANCE INSPIRED INGENUITY

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## **Hello Hydration**

### Moisturizing Gel

#### Description:

This moisturizing gel spreads easily on the skin and introduces renewable ingredients without sacrificing premium performance. 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 traditional offerings. Silmer<sup>®</sup> Sustain-H imparts cushion, provides a lengthy playtime on the skin and finishes with a silky smooth after-feel. Silwax<sup>®</sup> A02 is a volatile cyclomethicone alternative that provides a sensorial similar to D5, absent any regulatory concerns. 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. Enjoyable cushion, hydration and pleasant spreadability equal optimal satisfaction!

#### Ingredients:

Phase	Description (supplier)	INCI Name	Weight %
A	D.I. Water	Water	24.0
	Glycerin	Glycerin	5.0
	Cosmedia SP (BASF)	Sodium Polyacrylate	1.0
	<b>Silsurf<sup>®</sup> Q25315-O (Siltech)</b>	PEG/PPG-12/12 Dimethylsiloxysilicate	5.0
B	<b>Silmer<sup>®</sup> Sustain-H (Siltech)</b>	C13-15 Alkane (and) Vinyl Dimethicone Crosspolymer	50.0
	<b>Silwax<sup>®</sup> A02 (Siltech)</b>	Ethyl Trisiloxane	15.0
Total			100.0

#### Procedure:

- 1) Disperse Cosmedia SP in water and Glycerin in Phase A with high shear (over 1000 rpm) until uniform.
- 2) Combine ingredients in Phase B and mix well.
- 3) Add Phase B into Phase A under mixing.
- 4) High shear for 2 minutes.

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.