



PERFORMANCE INSPIRED INGENUITY

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Quench & Drench

Moisturizing Gel

Description:

This moisturizing gel spreads easily and uniformly to quench and hydrate dry skin, benefitting from multiple Siltech specialty silicone ingredients. Silmer® 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® Sustain-H imparts cushion, provides a lengthy playtime on the skin and finishes with a silky smooth after-feel. Silwax® D02 is a volatile cyclomethicone alternative that provides a sensorial similar to D5, absent any regulatory concerns. SilPlex® J2-S is a quaternary silicone complex that emulsifies the ingredients and conditions skin while eliciting a silky sensorial. These premium performing ingredients combine to quench and drench, promoting hydrated, healthier skin!

Ingredients:

Phase	Description (supplier)	INCI Name	Weight %
A	D.I. Water	Water	23.2
	Glycerin	Glycerin	5.0
	Cosmedia SP (BASF)	Sodium Polyacrylate	1.0
	SilPlex® J2-S (Siltech)	Quaternium-20 (and) Hexylene Glycol	5.0
B	Silmer® Sustain-H (Siltech)	C13-15 Alkane (and) Vinyl Dimethicone Crosspolymer	50.0
	Silwax® D02 (Siltech)	Ethyl Methicone	15.0
C	Euxyl PE 9010 (Ashland)	Phenoxyethanol (and) Ethylhexylglycerin	0.8
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.

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