



PERFORMANCE INSPIRED INGENUITY

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Cushioned Convergence

Anhydrous Sunscreen

Description:

Cushioned Convergence is a sunscreen that offers high in-vitro SPF and highlights the benefits offered by multiple Siltech ingredients. Silube® PCH is an emulsifier that excels at UV active dispersion while ensuring Oil-in-Silicone emulsion stability. Silmer® Sustain-H is a silicone elastomer gel dispersed in renewable hemisqualane, featuring improved sustainability. It imparts cushion, provides a lengthy playtime and finishes with a silky-smooth after-feel. The premium benefits of Siltech's versatile invert emulsifier Silube® PCH and innovative elastomer gel Silmer® Sustain-H converge, resulting in performance that delights!

Ingredients:

Phase	Description (supplier)	INCI Name	Weight %
A	Silwax J1032 (Siltech)	C32 Alkyl Dimethicone	12.00
	Silmer QT9-30-CG (Siltech)	Polymethylsilsesquioxane and Isododecane	1.00
	Silube PCH (Siltech)	Polyglyceryl-4 Isostearate (and) Cetyl PEG/PPG-10/1 Dimethicone (and) Hexyl Laurate	5.40
	Silwax D221M (Siltech)	Cetyl Hexacosyl Dimethicone	4.00
	Silwax CR-5016 (Siltech)	Cetyl Dimethicone/bis Vinyl dimethicone Crosspolymer	1.00
	Silmer Sustain-H (Siltech)	Hemisqualane and Dimethicone/vinyl Dimethicone Crosspolymer	17.00
	Silmer G162-F5 (Siltech)	Dimethicone and Dimethicone/vinyl Dimethicone Crosspolymer	27.00
B	Siltech CE-2000 (Siltech)	Trioctyldodecyl Citrate	10.50
	Pelemol GTB (Phoenix Chemical)	Glyceryl Tribehenate	3.00
	Coconut PEG Ester (Siltech)	PEG-7 Cocoate	3.10
	Escalol 557 (Ashland)	Octyl Methoxycinnamate	7.50
	Escalol 517 (Ashland)	Butyl Methoxydibenzoylmethane	3.50
	Tinosorb S (BASF)	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	5.00
C	Preservative	Preservative	q.s.
Total			100.00

Procedure:

- 1) Combine ingredients in Phase A and B respectively, heat up to 80°C, mix well.
- 2) Add Phase B into Phase A under mixing, high shear for a couple of minutes, then cool to RT.
- 3) Add Phase C if necessary.

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.