



PERFORMANCE INSPIRED INGENUITY

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Sustainable Hydration

Moisturizing Cream

Description:

This invert (Water-in-Oil) emulsion moisturizing cream spreads easily on the skin, imparts ultra-hydration and features largely renewable ingredients. Silmer® Sustain-H is a silicone elastomer gel diluted in a sustainable biobased hemisqualane carrier, featuring a biobased carbon content greater than 90%. Silmer® Sustain-H imparts cushion, provides a lengthy playtime on the skin and finishes with a silky smooth after-feel. Silube® Sustain-S is a newly innovated sugar-modified silicone emulsifier from Siltech. The entire formulation features ingredients that are mostly derived from renewable sources resulting in a total biobased carbon content of 90%! Enjoy pleasing sensorial and hydration with an added assurance of sustainability!

Ingredients:

Phase	Description (supplier)	INCI Name	Weight %
A	D.I. Water	Water	52.0
	Zemea Propanediol (Dupont)	Propanediol	5.0
	Euxyl PE 9010 (Schulke)	Phenoxyethanol and Ethylhexylglycerin	0.4
	Zeastat (Inolex)	Caprylhydroxamic Acid (and) Propanediol	0.6
	MgSO4.7H2O	Magnesium Sulfate	2.0
B	Silube® Sustain-S (Siltech)	Pending	5.0
	Silmer® Sustain-H (Siltech)	C13-15 Alkane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	20.0
	Jarcane-12 (Jarchem)	Dodecane	15.0
Total			100.0

Procedure:

- 1) Combine Phase A ingredients in a secondary container and mix well.
- 2) Combine Phase B ingredients in the main container and mix at high speed for 5 minutes. Homogenize phase B at 4000 RPM for 3 minutes and then return to agitator.
- 3) Add Phase A to Phase B slowly, under high mixing rate. After the emulsion is formed, homogenize at 4000-5000 RPM for 3 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.