



PERFORMANCE INSPIRED INGENUITY

Siltech Corporation
225 Wicksteed Avenue
Toronto, Ontario M4H 1G5

www.siltech.com

Sales@siltech.com
+1 416.424.4567

Sundazed II

Inorganic Sunscreen

Description:

Sundazed II is a super soft sunscreen cream perfect for everyday facial use and moderate protection on the body at the beach. It provides in-vitro SPF protection of 16 and a critical wavelength of 376nm. Rub-out is effortless, leaving skin feeling smooth and absent of white residue. The innovative invert emulsifier Silube® 316 provides emulsion stability and synergizes seamlessly with Safflower oil to improve aesthetics. Silwax® B116, a clear liquid alkylated silicone, added at a mere 1% loading considerably reduces the amount of rubbing required to eliminate whiteness of Zinc Oxide active from the skin surface.

Ingredients:

Phase	%	Tradename	INCI	Supplier	Function
A	42.0	Water	Water	-	Solvent
A	10.0	ZEMEA	Propanediol	Tate and Lyle	Humectant
A	1.0	Spectrastat G2 Natural	Caprylhydroxamic Acid (and) Propanediol	Inolex	Preservative
A	0.5	RonaCare Magnesium Sulfate	Magnesium Sulfate	EMD/Rona	Salt
A	0.5	Biotiv L-Arginine	Arginine	Symrise	Active
B	25.0	Zinclear XP 65COCO	Zinc Oxide (and) Coco Caprylate/Caprates (and) Polyglyceryl- 3 Polyricinoleate (and) Isostearic Acid	Antaria	Sunscreen
B	3.0	Silube® 316	TMP Lauryl Dimethicone	Siltech	Emulsifier
B	1.0	Silwax® B116	Cetyl Dimethicone	Siltech	Wax
B	15.0	Organic Safflower Oil	Carthamus Tinctorius Seed Oil	Oh, oh Organics	Emollient
B	2.0	SOLESPHERE H-53	Hydrated Silica	AGC	Thickener

Procedure:

- 1) Premix B
- 2) Slowly add A to B with fast propeller stirring
- 4) Homogenize briefly until glossy

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.

Formulated in partnership with:

ACT Solutions Corp
179 W. Chestnut Hill Rd., Suite 7
Newark, DE 19713

www.ACTSolutionsCorp.com
www.FormulatingForEfficacy.com

Mark Chandler, President
Mark@ACTSolutionsCorp.com
1-302-525-8110