



KSL-507-BR

Dark Skin Tones Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
39.63	Deionized Water	Water	
3.00	Cellulose pasta 8%	Cellulose	Focus Quimica
1.50	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
Part 2			
16.80	ZNO-660-ASGP7	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
10.00	EUTANOL G	Octyldodecanol	BASF
4.00	FLUIDIFEEL™ EASY	Lauryl Glucoside (and) Myristyl Glucoside (and) Polyglyceryl-6 Laurate	seppic
3.60	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
2.98	BWBO-ASGP3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
2.00	PolyAqual™-LW	Polyglyceryl-4 Laurate, Polyglyceryl-6 Laurate	Innovacos
2.00	EMOGREEN™ L19	C15-19 Alkane	SEPPIC
1.92	BWYO-ASGP3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
1.87	BWRO-ASGP3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	Kobo Products
1.20	TEGO® SML 20	Polysorbate 20	Evonik
1.00	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
1.00	KOBOGUARD® NATURAL 2063-NDA	Glyceryl Hydrogenated Rosinate (And) C9-12 Alkane	Kobo Products
0.50	Plandool™-H	Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate	Nippon Fine Chemical/Kobo Products
Part 3			
5.00	Deionized Water	Water	
0.20	Goma Xantana	Xanthan Gum	Mapric
Part 4			
1.00	MSS-500W	Silica	Kobo Products
0.80	ASO-NJE2	Aluminum Starch Octenylsuccinate (And) Jojoba Esters	Kobo Products
100.00			

Description:

This sunscreen has a thin, light texture and a dark color. The SPF and PFA are due to ZNO-660-ASGP7, an ASGP-treated Zinc Oxide. The color is provided by Kobo's superdispersible ASGP treated iron oxides. ASGP treatment renders powders superdispersible, allowing powders to disperse easily with minimal energy. SunBoost ATB contains a proprietary ratio of antioxidant, anti-irritant and antiinflammatory agents to help boost SPF and PFA. KOBOGUARD® NATURAL 2063-NDA is a film former of natural origin, that improves product wear. ASO-NJE2 is a modified starch treated with Jojoba Esters that imparts a smooth skin feel, and silica microsphere MSS-500W gives a matte finish with a non-tacky after feel. PLANDOOL™-H provide skin barrier moisture protection and water-proofing propertie.

Manufacturing Procedure:

1. Combine Part 1 and disperse cellulose using homogenizer
2. Combine Part 2 and pre-homogenize using dispersor Ultra Turrax to disperse the pigments and filter
3. Add Part 2 to Part 1, using homogenizer.
4. Combine Part 3 and add to the mix
5. Add Part 4 and mix until homogeneous.

Active Inaredient(s):

Zinc Oxide 15.70%

Testing:

SPF: in vivo on 10 subjects
 UVA-PF: in vitro method
 CW: FDA method



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