



KLF-263

W/O Natural Non-Nano BB Cream



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
12.15	Deionized Water	Water	-
1.50	Sodium Chloride	Sodium Chloride	Morton Salt
Part 2			
4.00	Glycerin U.S.P. Natural 96%	Glycerin	Vopak
0.25	Keltrol® CG	Xanthan Gum	CP Kelco
Part 3			
25.00	Pelemol® CCT	Caprylic/Capric Triglyceride	Phoenix Chemicals
24.00	GC70MZCJ-G	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Glyceryl Behenate/Eicosadioate	Kobo Products
15.00	TTO-NJE8	Titanium Dioxide (And) Alumina (And) Jojoba Esters	Kobo Products
5.80	OD75CJE	Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
0.80	OD55YJE	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
0.15	OD75RJE	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
0.05	OD75BJE	Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Kobo Products
Part 4			
4.00	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	BASF
3.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
2.00	MSS-500W	Silica	Kobo Products
1.00	Cegesoft® SB	Butyrospermum Parkii (Shea) Butter	BASF
1.00	Olivem® 900	Sorbitan Oliviate	The HallStar Company
Part 5			
0.30	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
100.00			

Description:

This Natural BB (Beauty Balm) Cream formula is an elegant light weight moisturizer featuring Kobo's Cosmos-approved products. The combination of GC70MZCJ-G, non-nano ZnO dispersion, and TTO-NJE8, non-nano treated TiO₂ offers high UVA and UVB protection. Kobo's natural Pigmentary dispersions in Octyldodecanol contain the same Jojoba Ester pigment treatment. They provide light coverage for dark spots and skin discolorations. SunBoost ATB Natural is a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents that helps to boost sun protection. MSS-500W is a silica microsphere, that reduces tackiness and provides non-greasy feel.

Manufacturing Procedure:

1. Add Part 2 (pre-mix first) to Part 1. Heat to 80°C. □
2. Add Part 4 to Part 3 and mix while heating to 80°C. □
3. Add Parts 1 and 2 to Parts 3 and 4 slowly, while mixing with propeller. □
4. Homogenize at 7000 rpm for 5 minutes. □
5. Air cool batch under homomixer to 40°C.
6. Add Part 5 and cool to room temperature with continuous mixing.

Active Ingredient(s):

Zinc Oxide	16.18%
Titanium Dioxide	11.51%

Testing:

SPF: in vivo on 5 subjects
 UVA-PF: in vivo on 3 subjects
 CW: FDA method



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