



KSL-376A-EU

Natural Non-Nano Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
18.95	Deionized Water	Water	
1.50	Sodium Chloride	Sodium Chloride	Fischer
Part 2			
4.00	Glycerin	Glycerin	Interchimie
0.25	Keltrol® CG	Xanthan Gum	CP Kelco
Part 3			
25.00	Tegosoft® CT	Caprylic/Capric Triglycerides	Evonik
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
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	Olivem® 900	Sorbitan Oliviate	Hallstar
1.00	Lipex® Shea Tris	Shea Butter	AAK
Part 5			
0.30	AE Preserve® PCG	Phenethylalcohol (And) Caprylhydroxamic Acid (And) Glycerin	AE Chemie
100.00			

Description:

This natural sunscreen features Kobo's Cosmos approved products GC70MZCJ-G, non-nano ZnO dispersion, and TTO-NJE8, non-nano treated TiO2. This combination offers high UV protection. SunBoost ATB Natural is a proprietary ratio of anti-oxidant, anti-irritant and anti-inflammatory agents that can boost UV protection. MSS-500W is a silica microsphere, that reduces tackiness and improves application feel.

Manufacturing Procedure:

1. Pre-mix Part 2 and add to Part 1. Heat to 80° C.
2. Pre-mix Part 3 and mix until homogeneous using a propeller. 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 propeller mixing.
4. Homogenize at 7000 rpm for 5 minutes.
5. Add Part 5 and cool to room temperature while mixing.

Active Ingredient(s):

Titanium Dioxide	11.40%
Zinc Oxide	16.10%

Testing:

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



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FORMULATIONS

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