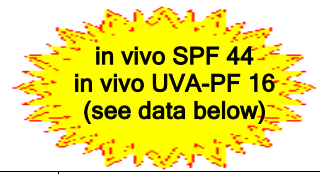


Elegant W/O Sunscreen featuring TNP50T7 & TNP65FZS

Formula KSL-179C-CH



Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
1	28.40	Deionized Water	Water	
	0.50	Sodium Chloride	Sodium Chloride	Morton Salt
	0.50	Aculyn™ 44	PEG-150/Decyl Alcohol/SMDI Copolymer	Rohm & Haas
	0.20	Allantoin	Allantoin	DSM Nutritional Products
2	2.00	Butylene Glycol	Butylene Glycol	Ruger Chemical Co., Inc.
	0.10	KELTROL® CG	Xanthan Gum	CP Kelco
3	32.00	TNP50T7	C12-15 Alkyl Benzoate (And) Titanium Dioxide (And) Alumina (And) Polyhydroxystearic Acid (And) Methicone	Kobo Products
	30.00	TNP65FZS	Zinc Oxide (And) C12-15 Alkyl Benzoate (And) Triethoxycaprylsilane (And) Polyhydroxystearic Acid	Kobo Products
	3.00	ABIL® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
	2.00	SF1214	Cyclopentasiloxane (And) Dimethicone	Momentive/Kobo Products
	0.30	Tocopherol	Tocopherol	BASF
	0.15	Methyl Paraben NF	Methylparaben	International Sourcing
	0.10	Propyl Paraben NF	Propylparaben	International Sourcing
4	0.75	MSS-500W	Silica	Kobo Products
100				

Manufacturing Procedure

1. Combine Part 1 and heat to 70°C.
2. Add Part 2 to Part 1.
3. Combine Part 3 and heat to 70°C.
4. Combine Parts 1 and 2 to Part 3 while propeller mixing.
5. Add Part 4 while cooling.

Description

Elegant W/O sunscreen that uses Kobo's Titanium Dioxide Dispersion, TNP50T7, and Kobo's Zinc Oxide Dispersion, TNP65FZS. MSS-500W Spherical Silica gives slip during application and reduces shine on the skin. SF1214 is used to enhance feel during application.

Notes

Active Ingredient(s)	
Titanium Dioxide	12.32%
Zinc Oxide	18.72%

SPF testing: in vivo on 3 subjects

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Formulations

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The Powder & Dispersion Specialist

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