



KSL-533E-BR

# O/W SPF 30 Sunscreen 5



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
39.07	Water	Aqua	-
5.33	Cellulose pasta 8%	Cellulose	Focus Quimica
1.50	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
<b>Part 2</b>			
16.80	<b>ZNO-660-ASGP7</b>	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
10.00	EUTANOL G	Octyldodecanol	BASF
6.00	<b>KOBOTINT 5</b>	Titanium Dioxide (CI 77891) (And) Iron Oxides (CI 77491, CI 77492, CI 77499) (And) Caprylic/Capric Triglyceride (And) Distearidimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol	<b>Kobo Products</b>
4.00	FLUIDIFEEL™ EASY	Lauryl Glucoside (and) Myristyl Glucoside (and) Polyglyceryl-6 Laurate	Evonik
3.60	<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	EMOGREEN™ L19	C15-19 Alkane	Seppic
2.00	PolyAqual™-LW	Polyglyceryl-4 Laurate, Polyglyceryl-6 Laurate	DKSH
1.20	TEGO® SML 20	Polysorbate 20	Evonik
1.00	Lexgard® Natural	Glyceryl Caprylate (And) Glyceryl Undecylenate	Inolex
0.50	<b>Plandool™-H</b>	Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate	<b>Nippon Fine Chemicals/Kobo Products</b>
<b>Part 3</b>			
5.00	Water	Aqua	-
0.20	Goma Xantana	Agar (And) Xanthan Gum	Synth
<b>Part 4</b>			
1.00	<b>MSS-500W</b>	Silica	<b>Kobo Products</b>
0.80	<b>ASO-NJE2</b>	Aluminum Starch Octenylsuccinate (And) Jojoba Esters	<b>Kobo Products</b>
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 KOBOTINT 5 color concentrate that offer good adhesion the skin as well as a creamy feel and full color development. 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 except KOBOTINT, and pre-homogenize using dispersor Ultra Turrax to disperse the filter. Then, add KOBOTINT and mix.
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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Specialist*



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