



KSL-475E-EU

# Clean Beauty Sunscreen Stick 3-in-1 Prime'n Glow Non-Nano ZnO



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
28.10	Dub Zenoat	Propanediol Dicaprylate	Stearinerie Dubois
25.00	<b>ZnO-C-ASG3J</b>	Zinc Oxide (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
18.69	Emotion Light	Tripelargonin	Roelmi HPC
4.00	<b>SunBoost ATB</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
2.00	Plurul Diisostearique	Polyglyceryl-3 Diisostearate	Gattefosse
0.60	Sensiva PA 40	Phenylpropanol (And) Propanediol (And) Caprylyl Glycol (And) Tocopherol	Schuelke
<b>Part 2</b>			
3.80	Sunflower Wax	Helianthus Annuus Seed Wax	Koster Keunen
3.00	Dub PTB	Pentaerythrityl Tetrabenenate	Stearinerie Dubois
2.00	Kesterwax K82H	C20-40 Alkyl Stearate	Koster Keunen
<b>Part 3</b>			
5.00	<b>CELLULOBEADS D-10-NPC2</b>	Cellulose (And) Hydrogenated Lecithin	<b>Kobo Products</b>
5.00	<b>MSS-500/N</b>	Silica	<b>Kobo Products</b>
1.20	<b>MSS-500/3H</b>	Silica	<b>Kobo Products</b>
<b>Part 4</b>			
1.00	<b>KTZ® ARUBAN CORAL-ASG2</b>	Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.40	<b>GCG50TRSG</b>	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.15	<b>GCG50TYSG</b>	Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid	<b>Kobo Products</b>
0.06	<b>KTZ® EBONY</b>	Iron Oxides (CI 77499) (And) Mica	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This easy-to-use, waterless 3-in-1 sunscreen stick is also a primer with a glow effect, containing mostly vegetal and mineral origin ingredients. The formulation contains ZnO-C-ASG3J, a non-nano Zinc Oxide, hydrophobically modified for easy dispersion in the emollients used, to provide UV protection. It also contains SunBoost ATB for UV protection boosting and skin protecting efficacy. The mineral microspheres MSS-500/N and MSS-500/3H contribute to weightless application and good payoff as well as soft focus effects on the skin. CELLULOBEADS D-10-NPC2, a 10 micron cellulose microsphere with hydrogenated lecithin treatment, which renders it more creamy, contributes softness and creaminess to the stick. The formulation is tinted with GCG50TRSG and GCG50TYSG, transparent iron oxide dispersions and KTZ® EBONY, a black iron oxide coated mica, to significantly reduce whitening caused by large particle size Zinc Oxide. The glow effect is imparted by KTZ® ARUBAN CORAL-ASG2, a special skin color blend.

## Manufacturing Procedure:

1. Prepare Part 1 by dispersing powder ZnO in liquid emollients. □
2. Add Part 2, heat to 95°C, add Part 3 followed by Part 4 and mix till homogeneous. □
3. Pour into containers at 85°C and leave to cool at RT.

## Active Inaredient(s):

Zinc Oxide 24.25%

## Testing:

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



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