



KFL-287-BR

# Natural Moisturizer with SPF



%	INGREDIENT	INCI NAME	SUPPLIER
<b>Part 1</b>			
48.60	Deionized Water	Water	
0.50	<b>INULIN-SC</b>	Inulin	<b>Nippon/Kobo Products</b>
<b>Part 2</b>			
2.00	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
0.15	Goma Xantana	Xanthan Gum	M Cassab
<b>Part 3</b>			
21.50	<b>ZNO-660-ASGP7</b>	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	<b>Kobo Products</b>
6.50	Cetiol® Ultimate	Undecane (and) Tridecane	BASF
5.70	EMOGREEN™ L19	C15-19 Alkane	Seppic
3.25	TEGO® Care PBS 6 MB	Polyglyceryl-6 Stearate (and) Polyglyceryl-6 Behenate	Evonik
2.30	TEGOSOFT® CT	Caprylic/Capric Triglycerides	Evonik
2.00	PolyAqual™-LW	Polyglyceryl-4 Laurate (and) Polyglyceryl-6 Laurate	Innovacos
1.50	<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	<b>Kobo Products</b>
1.00	TEGIN® M Pellets	Glyceryl Stearate	Cosmotec
1.00	Lexgard® Natural MB	Glyceryl Caprylate (and) Glyceryl Undecylenate	Inolex
1.00	ALKONAT® 1618 C30	Cetearyl Alcohol	M Cassab
<b>Part 4</b>			
3.00	<b>CELLULOBEADS D-5-NPC2</b>	Cellulose (And) Hydrogenated Lecithin	<b>Kobo Products</b>
<b>100.00</b>			

## Description:

This Natural Moisturizer is grease-free and has a creamy texture. It helps in skin hydration while protecting against UVB and UVA rays. It features INULIN-SC, a sugarcane-derived polysaccharide that delivers moisture to the stratum corneum. ZNO-660-ASGP7 which requires minimal energy to disperse, was used for balanced sun protection with low whitening effect. SunBoost ATB Natural contains a proprietary ratio of antioxidant, anti-irritant and anti-inflammatory agents to help boost SPF and PFA. CELLULOBEADS D-5-NPC2 is a cellulose microsphere treated with non-GMO hydrogenated lecithin, contributing to the soft and delicate after feel.

## Manufacturing Procedure:

1. Combine Part 1 and mix until homogeneous.
2. Combine Part 2 and add to Part 1. Mix until homogeneous. Heat to 80°C.
3. Combine Part 3 and mix until full dispersion of zinc oxide. Heat to 80°C.
4. Add Part 3 to Parts 1 and 2 and mix until homogeneous (use homogenizer).
5. Cool to 30-25°C and add Part 4. Mix until homogeneous.

## Active Inaredient(s):

Zinc Oxide 20.10%

## Testing:

SPF: in vivo on 3 subjects  
UVA-PF: in vitro method

## Notes:

CW: 370nm; tested using ISO 24443:2012 methodology



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## *The Powder & Dispersion Specialist*



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