

100% Natural Moisture Cream with Phytocare KT

806-1-14

Claims: Natural product, PEG-Free, Preservative-free, Fragrance-free, Silicone-free

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	<i>Aqua</i>		at 100
B	Glycerol	<i>Glycerin</i>	<i>Spiga</i>	1,50
	Xanthan gum	<i>Xanthan gum</i>	<i>CP Kelco</i>	0,05
C	Almond oil	<i>Prunus Amygdalus Dulcis Oil</i>	<i>SD Chemicals</i>	7,50
	Lanette 16	<i>Cetyl alcohol</i>	<i>BASF</i>	4,50
	Shea butter	<i>Butyrospermum Parkii Butter</i>	<i>SD Chemicals</i>	1,00
	Unsaponifiable olive oil	<i>Olea europea</i>	<i>SD Chemicals</i>	4,00
	Phytocare KT	<i>Shea Butter Polyglyceryl-6 Ester</i>	<i>Naturalis</i>	3,00
	Dermofeel Toco 70	<i>Tocopherol, Helianthus Annus Seed Oil</i>	<i>Dr. Straetmans</i>	0,10
D	Lema-14A	<i>Levulinic acid and Magnolia Officinalis Bark Extract</i>	<i>Naturalis</i>	0,60
E	Citric Acid	<i>Citric Acid</i>	<i>Merck</i>	q.s.
				100,00

Manufacturing Procedure:

1. Dissolve phase B in A and heat up to 75°C
2. Heat phase C up to 70°C
3. Emulsify phase C to A+B homogenizing
4. Cool down below 45°C and add phase D
5. Adjust pH-value to 5.0-5.5 with E and cool further down to room temperature

Secification Values:

Appearance: white emulsion

pH-value: 5.0-5.5

Viscosity: 10000 mPas (Brookfield DVII+) speed 0,3 rpm; Spindle 3

Centrifugation (5000 rpm 10 min): No separation

Stability:

3 months stable at 4°C, 20°C and 40°C

Packaging: 50 ml jar (suggested)

Disclaimer:

The above reported formulation example is meant to demonstrate only how our products can be used. The given data must be considered only suggestions without any guarantee aimed to support customers' development.