

## Firming Cream with Phytocare KT

1306-2-14

Claims: Firming, Natural product, PEG-Free, Moisturizing

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	<i>Aqua</i>		at 100
B	Glycerol	<i>Glycerin</i>	<i>Spiga</i>	1,00
	Xanthan gum	<i>Xanthan gum</i>	<i>CP Kelco</i>	0,10
C	Almond Oil	<i>Prunus Amygdalus Dulcis Oil</i>	<i>SD Chemicals</i>	2,00
	Dermoil TG	<i>Caprylic/Capric Acid Triglyceride</i>	<i>SD Chemicals</i>	6,00
	Dermoil IPM/IPP	<i>Isopropyl myristate/palmitate</i>	<i>SD Chemicals</i>	3,00
	Lanette 16	<i>Cetyl alcohol</i>	<i>BASF</i>	4,00
	GMS-40	<i>Glyceryl stearate</i>	<i>FACI</i>	1,50
	BRB DM 350	<i>Dimethicone</i>	<i>BRB</i>	0,30
	Shea Butter	<i>Butyrospermum Parkii</i>	<i>SD Chemicals</i>	4,00
	<b>Phytocare KT</b>	<b><i>Shea butter polyglyceryl-6 ester</i></b>	<b><i>Naturalis</i></b>	<b>4,00</b>
	Dermofeel Toco 70	<i>Tocopherol, Helianthus Annus Seed Oil</i>	<i>Dr. Straetmans</i>	0,10
D	Euxyl PE 9010	<i>Phenoxyethanol and Ethylhexylglycerin</i>	<i>Schulke &amp; Mayr</i>	0,80
E	<b>Nio-Oligo HA</b>	<b><i>See TDS</i></b>	<b><i>Naturalis</i></b>	<b>1,00</b>
	<b>Nio-Hydran</b>	<b><i>See TDS</i></b>	<b><i>Naturalis</i></b>	<b>5,00</b>
F	Citric Acid	<i>Citric Acid</i>	<i>Merck</i>	q.s.
				<b>100,00</b>

### 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. Add phase E dispersed into a part of water
5. Adjust pH-value to 5.5-6.0 with the phase F and cool further down to room temperature

### Secification Values:

Appearance: white emulsion

pH-value: 6,0

Viscosity: approx 9800 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 tube or 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.