

Hands Cream with Phytocare OL

1606-4-14

Claims: Soothing, Natural product, PEG-Free, Moissurizing

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	<i>Aqua</i>		at 100
B	Glycerol	<i>Glycerin</i>	<i>Spiga</i>	3,00
	Xanthan gum	<i>Xanthan gum</i>	<i>CP Kelco</i>	0,15
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>	5,00
	Dermoil V	<i>Decyl Oleate</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
	Eutanol-G	<i>Octyldodecanol</i>	<i>SD Chemicals</i>	4,00
	Phytocare OL	<i>Olive oil Polyglyceryl-6 ester</i>	<i>Naturalis</i>	4,00
	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 & Mayr</i>	0,80
E	Nio-Hydran	<i>See TDS</i>	<i>Naturalis</i>	1,00
F	BRB 517	<i>Dimethicone, Dimethicone/Vinyl Dimethicone Crosspolymer</i>	<i>SD Chemicals</i>	2,00
G	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 and E dispersed in a portion of water
5. Add phase F
5. Adjust pH-value to 6.0 with the phase F and cool further down to room temperature

Secification Values:

Appearance: white emulsion

pH-value: 6,0

Viscosity: approx 13500 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.