

Hand Cream with Phytocare OL

Formula: 1606-4-14

Phase	Ingredient	INCI Name	% Wt./Wt.
A	Deionised Water	Aqua	at 100
B	Glycerol	Glycerin	3.00
	Xanthan gum	Xanthan gum	0.15
C	Almond Oil	Prunus Amygdalus Dulcis Oil	2.00
	Dermoil TG	Caprylic/Capric Acid Triglyceride	5.00
	Dermoil V	Decyl Oleate	3.00
	Lanette 16	Cetyl alcohol	4.00
	GMS-40	Glyceryl stearate	1.50
	Eutanol-G	Octyldodecanol	4.00
	Phytocare OL	Olive Oil Polyglyceryl-6 ester	4.00
	Dermofeel Toco	Tocopherol, Helianthus Annus Seed Oil	0.10
	D	Euxyl PE 9010	Phenoxyethanol and Ethylhexylglycerin
E	Nio-Nag	N-Acetyl Glucosamine, Sodium PCA, Glycosphingolipids, Hydrolyzed Yeast Extract, Polyglyceryl-10 Oleate, Polyglyceryl-6 Laurate, Sorbitan Palmitate, Cetyl Phosphate, Aqua/Water	1.00
F	BRB 517	Dimethicone, Dimethicone/Vinyl Dimethicone Crosspolymer	2.00
G	Citric Acid	Citric Acid	q.s.
			100.00

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
6. Adjust pH-value to 6.0 with the phase F and cool further down to room temperature

Specification 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

Formula Courtesy of

