

FORMULATION EXAMPLE

MDA-P-188-01a SK 03 Glowing Hands LUMIHANDO

Ingredients	Art. No.	INCI EU	[%]
A			
RonaFlair® Satin	1.17268 (1)	ILLITE	3.00
RonaCare® Ectoin	1.30200 (1)	ECTOIN	0.50
Sodium Gluconate	(2)	SODIUM GLUCONATE	0.10
RonaCare® Sodium Benzoate	1.30176 (1)	SODIUM BENZOATE	0.50
RonaCare® Potassium Sorbate	1.32144 (1)	POTASSIUM SORBATE	0.50
Water, demineralized		AQUA	59.20
A1			
Radianol 4710	(3)	PROPYLENE GLYCOL	3.00
Cosphaderm® X34	(4)	XANTHAN GUM	0.50
B			
RonaCare® Bisabolol nat.	1.30170 (1)	BISABOLOC	0.50
Dermofeel® GSC	(5)	GLYCERYL STEARATE CITRATE	3.00
Nafol 1618H	(6)	CETEARYL ALCOHOL	2.50
Cetiol® SB 45	(7)	BUTYROSPERMUM PARKII BUTTER	0.50
Organic Sweet Almond Oil	(8)	PRUNUS AMYGDALUS DULCIS	20.00
KahlWax 6684 Jasmine	(9)	JASMINUM GRANDIFLORUM FLOWER CERA	2.00
Covi-Ox® T-90 EU C	(10)	TOCOPHEROL	0.20
C			
RonaCare® Balmance	1.32376 (1)	MALTODEXTRIN, CENTAUREA CYANUS FLOWER EXTRACT	1.00
Radianol 4710	(3)	PROPYLENE GLYCOL	3.00

Procedure:

Add the Ronacare® ingredients & the Sodium Gluconate to the water of phase A and stir until dissolved, then add the Ronaflair® Functional Filler until dispersed. Premix Phase A1 and add to phase A while stirring. Mix phase B in a separate vessel. Heat phases A/A1 and B separately to 75-80°C. Add phase B to A/A1 under stirring. At 60°C homogenize with U-Turrax T-25 with 8000 rpm for 1-2 minutes. Cool down under moderate stirring. Premix phase C and add to phase A/B below 40°C, cool to RT, check pH and adjust to 5,5-6 if necessary.

Notes:

Appearance: off-white to slight brownish cream

pH (23°C) = 5,6

Viscosity (Brookfield DVI, SPd-, Helipath C, 10 rpm, 23°C) = appr. 50000 mPa S

Stability: 3 months at RT, 5°C, 40°C / 4 weeks FTC (-5°C to 40°C), 50°C

NOC (Iso 16128) = 99%

All ingredients are vegan.

Suppliers:

(1) Merck KGaA, Darmstadt, Germany / EMD Performance Materials Corp.

(3) Stockmeier Chemie

(5) Evonik Nutrition & Care GmbH

(2) Jungbunzlauer GmbH

(4) Cosphatec GmbH

(6) Sasol Germany GmbH



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(7) BASF AG

(9) Kahl GmbH & Co. KG

(8) IES Labo

(10) Azelis Germany GmbH

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