

Formulation Example

MDA-P-185-01 SK 03 Pore Prep Potion UNPOREABLE

Ingredients	Art. No.	INCI EU	[%]
A			
RonaCare® Nicotinamide	1.30179 (1)	NIACINAMIDE	3.00
RonaCare® Ectoin	1.30200 (1)	ECTOIN	0.50
Sodium Gluconate	(2)	SODIUM GLUCONATE	0.10
Dermosoft® 1388 eco	(3)	GLYCERIN, AQUA, SODIUM LEVULINATE, SODIUM ANISATE	3.00
Water, demineralized		AQUA	68.60
B			
Glycerol anhydrous (vegetable) EMPROVE® bio	1.37028 (1)	GLYCERIN	3.00
Kelco-Care™ diutan gum	(4)	SPHINGOMONAS FERMENT EXTRACT	0.30
VIVAPUR® CS 032 XV	(5)	MICROCRYSTALLINE CELLULOSE, XANTHAN	0.50
C			
RonaCare® Bisabolol nat.	1.30170 (1)	BISABOLOL	1.00
Imwitor® 375	(6)	GLYCERYL CITRATE/LACTATE/LINOLEATE/OLEATE	4.00
Lanol™ 37 T	(7)	TRIHEPTANOIN	4.00
Miglyol® Coco 810	(6)	COCO-CAPRYLATE/CAPRATE	5.00
Tegosoft® OER	(3)	OLEYL ERUCATE	3.00
RonaFlair® LDP White	1.17755 (1)	SODIUM POTASSIUM ALUMINUM SILICATE, CI 77891, SILICA	3.00
Citric acid, 30% solution (q.s.)		AQUA, CITRIC ACID	0.00

Procedure:

Cold-Process:

Prepare phase A. Mix phase B in a separate vessel, and add phase B to phase A.

Homogenize with U-Turrax (T-25 8000 rpm) for 5 min. Add ingredients of phase C one after the other into phase A/B, add, adjust pH to 5,0 and homogenize with U-Turrax (T-25 8000 rpm) for 1 min.

Notes:

Appearance: off white - light beige serum (O/W)

pH value: 5,0 (23°C)

Viscosity: 6500-7000 mPas (Brookfield DV-I, spindle RV 4, 10 rpm, Helipath) at 23°C

Stability: 3 months at RT, 40°C, 5°C, FTC (-5°C to 40°C) and 1 week at 50°C

NOC (ISO 16128) = 96,9

Suppliers:

(1) Merck Electronics KGaA / EMD Performance Materials Corp.

(3) Evonik Nutrition & Care GmbH

(5) J. Rettenmaier & Söhne GmbH

(7) Seppic

(2) Jungbunzlauer GmbH

(4) RAHN GmbH

(6) IOI Oleo GmbH

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