

Formulation Example

MC-FW-120912/A Fine fairness and brightening gel cream

Ingredients	Art. No.	INCI EU (INCI US, if different)	[%]
A			
RonaCare® Ectoin	1.30200 (1)	ECTOIN	1.00
RonaCare® Allantoin	1.01015 (1)	ALLANTOIN	0.30
1,3-Butanediol		BUTYLENE GLYCOL	4.00
EDTA.2Na		EDTA DISODIUM	0.10
Xanthan Gum	(2)	XANTHAN GUM	0.30
Water, demineralized		AQUA (WATER)	ad 100
B			
RonaCare® AP	1.30163 (1)	BIS-ETHYLHEXYL HYDROXYDIMETHOXY BENZYL MALONATE	1.00
RonaCare® Bisabolol nat.	1.30170 (1)	BISABOLOL	0.20
Olivem 1000	(3)	CETEARYL OLIVATE, SORBITAN OLIVATE	3.50
Lanette O	(4)	CETEARYL ALCOHOL	2.00
Miglyol 812	(4)	CAPRYLIC/CAPRIC TRIGLYCERIDE	4.00
Arlamol HD	(5)	ISOHEXADECANE	3.00
DC 345 Fluid	(6)	CYCLOPENTASILOXANE, CYCLOHEXASILOXANE	1.00
DC 200 fluid (5cst)	(6)	DIMETHICONE	1.00
Aristoflex AVC	(7)	AMMONIUM ACRYLOYLDIMETHYLTAURATE/VP COPOLYMER	0.50
C			
Sepiplus 400	(8)	POLYSORBATE 20, POLYACRYLATE 13, POLYISOBUTENE	1.50
D			
Emblica®	1.30165 (1)	PHYLLANTHUS EMBLICA EXTRACT	1.00
RonaFlair® Boroneige® SF-3	1.17774 (1)	BORON NITRIDE	3.00
Lactic acid (90% sol'n)		LACTIC ACID, AQUA (WATER)	0.10
Preservatives		PRESERVATIVES	q.s.
Sodium disulfite	(9)	SODIUM METABISULFITE	0.10
TEA 50%		TRIETHANOLAMINE	0.40
Water, demineralized		AQUA (WATER)	10.00

Procedure:

1. Heat phase A up to 75 °C and mix until uniform.
2. Mix phase B and heat to 75 °C.
3. Add phase A into phase B and homogenize for 3 min. at 3000 rpm.
4. At 62 - 65 °C, add phase C and stir until uniform.
5. Cool down to room temperature and add phase D while stirring.

Notes:

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Appearance: light yellow to brown cream

pH (R.T): 5.5

Viscosity.: 35,000 cps (Brookfield RVT T-B, 12rpm, with heliopan, 60s)

Stability: 50 degree for 3 months and cycle stability testing from -18 degree to 40 degree for 1 month.

Suppliers:

(1) Susonity Commercial GmbH, Germany and/or its affiliates

(3) Yasham Bio-Science Pvt. Lmt.

(5) Croda

(7) Clariant

(9) Sinopharm Chemical Reagent

(2) Jungbunzlauer GmbH

(4) BASF

(6) Dow Corning

(8) Seppic

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