MC-FW-120912/A
Delicate Fairness Gel

Ingredients

A
RonaCare® Ectoin
RonaCare® Allantoin
1,3-Butanediol
RonaCare® Disodium EDTA
Xanthan Gum
Water, demineralized

B
RonaCare® AP
RonaCare® Bisabolol
Olivem 1000
Lanette O
Miglyol 812
Arlamol HD
DC 345 Fluid
DC 200 fluid (5cst)
Aristoflex AVC

C
Sepiplus 400

D
Emblica®
RonaFlair® Boroneige® SF-3
(S)-Lactic acid about 90%
Sodium disulfite
Triethanolamine, 50%
Water, demineralized
Preservatives

INCI (US) (%)

(1) ECTOIN 1.00
(1) ALLANTOIN 0.30
(1) BUTYLENE GLYCOL 4.00
(1) DISODIUM EDTA 0.10
(2) XANTHAN GUM 0.30
WATER ad 100

(1) BIS-ETHYLHEXYL HYDROXYDIMETHOXY BENZYL MALONATE 1.00
(1) BISABOLOL 0.20
(3) CETEARYL OLIVATE, SORBITAN OLIVATE 3.50
(4) CETEARYL ALCOHOL 2.00
(5) CAPRYLIC/CAPRIC TRIGLYCERIDE 4.00
(5) ISOHEXADECANE 3.00
(6) CYCLOPENTASILOXANE, CYCLOHEXASILOXANE 1.00
(6) DIMETHICON 1.00
(7) AMMONIUM ACRYLOYLDIMETHYLTAURATE / VP COPOLYMER 0.50

(8) POLYSORBATE 20, POLYACRYLATE 13, POLYSORBATE 60 1.50

(1) PHYLLANTHUS EMBLICA FRUIT EXTRACT 1.00
(1) BORON NITRIDE 3.00
(1) LACTIC ACID (AND) WATER 0.10
(7) SODIUM METABISULFITE 0.10
(1) TRIETHANOLAMINE 0.40
AQUA 10.00
q.s.

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:
Appearance: beige cream gel
pH (23 °C): 5.5
Viscosity: 35,000 cps (Brookfiled RVT T-B, 12 rpm, heliopan, 60s)
Stability: 3 months at RT, 40 °C and 1 month FTC -18 °C-40 °C
Suppliers:

(1) Merck KGaA, Darmstadt, Germany / EMD Performance Materials
(2) Jungbunzlauer GmbH
(3) Yasham Bio-Science Pvt. Lmt.
(4) BASF AG
(5) Croda
(6) Dow Corning
(7) Clariant GmbH
(8) Seppic GmbH

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