

Formulation Example

MDA-P-72-02

Skin Elixir- turn black into white

with Ronastar® Diamond Black IQ and Emblica®

Ingredients	INCI (US)	[%]
A		
Ronastar® Diamond Black IQ	(1) IRON OXIDES (AND) ALUMINA (AND) SILICA	1.50
Glycerol 85%	(1) GLYCERIN (AND) WATER	3.00
Carbopol® ETD 2020	(2) ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	0.20
D-Panthenol	(3) PANTHENOL	0.50
Water, demineralized	WATER	79.05
B		
RonaCare® Bisabolol	(1) BISABOLOL	0.25
Cetiol OE	(3) DICAPRYLYL ETHER	3.00
Crodamol ISIS-LQ-(MV)	(4) ISOSTEARYL ISOSTEARATE	2.50
Tegosoft® DC	(5) DECYL COCOATE	1.50
Novemer EC-2 Polymer	(6) SODIUM ACRYLATES/BEHENETH-25 METHACRYLATE CROSSPOLYMER (AND) HYDROGENATED POLYDECENE (AND) LAURYL GLUCOSIDE	0.50
C		
Sodium Hydroxide, 10%	(1) WATER (AND) SODIUM HYDROXIDE	0.00
D		
Water, demineralized	WATER	5.00
RonaCare® RenouMer	(1) WATER (AND) POLYSIPHONIA ELONGATA EXTRACT (ALGAE EXTRACT) (AND) SODIUM BENZOATE (AND) CITRIC ACID	2.00
Emblica®	(1) PHYLLANTHUS EMBLICA FRUIT EXTRACT	1.00
Preservatives (q.s.)	PRESERVATIVES	0.00

Procedure:

Disperse Ronastar® Diamond Black IQ in water of phase A and add Carbopol. Stir, until the gel is homogeneous. Add the other ingredients of phase A. Mix phase B and add to phase A while stirring. Adjust pH value (5.5) with phase C. Incorporate pre dispersed phase D under stirring. Finally, check the pH value again and adjust to 5.3 if necessary.

Notes:

Stability: on going

Suppliers:

(1) Merck KGaA, Darmstadt, Germany / EMD Performance Materials
(3) BASF AG
(5) Evonik Nutrition & Care GmbH

(2) Gattefossé GmbH
(4) Croda
(6) Lubrizol

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