

Formulation Example

MDA-P-030-03 Shimmering Gel with Ronastar® Red Lights

Ingredients	Art. No.	INCI EU (INCI US, if different)	[%]
A			
Ronastar® Red Lights	1.17262 (1)	ALUMINA (OR ALTERNATIVELY: SYNTHETIC SAPPHIRE), CI 77891 (TITANIUM DIOXIDE), TIN OXIDE	0.05
RonaCare® Allantoin	1.01015 (1)	ALLANTOIN	0.20
Complexing agent (q.s.)			0.10
Glycerol 85%		GLYCERIN, AQUA (WATER)	3.00
Pentylene Glycol	(2)	PENTYLENE GLYCOL	5.00
Carbopol® Ultrez 21	(3)	ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	0.60
Water, demineralized		AQUA (WATER)	ad 100
B			
RonaCare® Sodium Hydroxide 32% son'n	(1)	AQUA (WATER), SODIUM HYDROXIDE	q.s.
C			
RonaCare® Bisabolol nat.	1.30170 (1)	BISABOLOL	0.10
Cremophor® RH 410	(4)	PEG-40 HYDROGENATED CASTOR OIL	4.00
Fragrance Avosensia	(5)	PARFUM	0.50
SDA 40B		DENAT. ALCOHOL	8.00
Euxyl® PE 9010	(6)	PHENOXYETHANOL, ETHYLHEXYL GLYCERIN	1.00

Procedure:

Disperse Ronastar® Red Lights in the water of phase A. Add Carbopol Ultrez 21 slowly on surface of the water while stirring slowly. Stir until the Carbopol is hydrated. Add remaining ingredients of phase A while stirring. Add sodium hydroxide under moderate stirring until homogeneous. Finally add the predissolved phase C while stirring. Check pH value and adjust to approx. 6.3 if necessary.

Notes:

Suppliers:

(1) Susonity Commercial GmbH, Germany and/or its affiliates
 (3) Gattefossé (Deutschland) GmbH
 (5) Joh. Vögele KG

(2) Cosnadern GmbH
 (4) BASF AG
 (6) Schülke & Mayr GmbH

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