

Formulation Example

MDA-P-30-03 Shimmering Gel with Ronastar® Red Lights

Ingredients	INCI (US)	[%]
A		
Ronastar® Red Lights	(1) ALUMINA (OR ALTERNATIVELY: SYNTHETIC SAPPHIRE) (AND) TITANIUM DIOXIDE (AND) TIN OXIDE	0.05
RonaCare® Allantoin	(1) ALLANTOIN	0.20
RonaCare® Disodium EDTA	(1) DISODIUM EDTA	0.10
Glycerol 85%	(1) GLYCERIN (AND) WATER	3.00
Pentylene Glycol	(2) PENTYLENE GLYCOL	5.00
Carbopol® Ultrez 21	(3) ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	0.60
Water, demineralized	WATER	75.65
B		
Sodium Hydroxide, 10%	(1) WATER (AND) SODIUM HYDROXIDE	1.80
C		
RonaCare® Bisabolol	(1) BISABOLOL	0.10
Cremophor RH 410	(4) PEG-40 HYDROGENATED CASTOR OIL	4.00
Fragrance Avosensia	FRAGRANCE	0.50
Ethanol 96%	(1) ALCOHOL	8.00
Euxyl® PE 9010	(5) PHENOXYETHANOL (AND) 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:

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| (1) Merck KGaA, Darmstadt, Germany / EMD Performance Materials | (2) Cosnaderm GmbH |
| (3) Gattefossé (Deutschland) GmbH | (4) BASF AG |
| (5) Schülke & Mayr GmbH | |

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