sederma

Member of Croda International Plc

Development formulation

Night Cream with MEDIATONE™ (*) and RENOVAGE™ (*) - SED1502189 Q

(*) Mediatone™: Patent pending / Renovage™: Patent FR 2 885 522, WO 2006/120646, EP 1 879 538

		% by wt
Part A		
Water deionised	-	Qsp 100
Magnesium Sulfate	-	1.10
Potassium Sorbate	-	qs
Part B		
Glycerin	-	2.00
Phenoxyethanol	-	qs
Part C		
Cithrol DPHS-SO-(MV) [PEG-30 Dipolyhydroxystearate]	Croda	1.00
Arlacel 1689-LQ-(MV) [Sorbitan Oleate (and) Polyglyceryl-3 Polyricinoleate]	Croda	1.00
Cithrol PG32IS-LQ-(MV) [Polyglyceryl-3-Diisostearate]	Croda	2.50
Cithrol PGMIS-LQ-(GD) [Propylene Glycol Isostearate]	Croda	4.00
Prisorine 3505-LQ-(GD) [Isostearic Acic]	Croda	4.00
Crodamol ISIS-LQ-(MV) [Isostearyl Isostearate]	Croda	2.00
Octyldodecanol	-	4.00
Mediatone™ [Octadecenedioic Acid]	Sederma	2.50
Part D		
Crodamol MM-PA-(SG) [Myristyl Myristate]	Croda	3.00
Arlacel 986-SO-(MV) [Sorbitan Isostearate (and) Hydrogenated Castor Oil (and) Cera Alpha (and) Stearic Acid]	Croda	3.00
Pripure 3759-LQ-(GD) [Squalane]	Croda	6.00
Renovage™[Caprylic/Capric Trygliceride and Teprenone]	Sederma	3.00
DI Alpha Tocopherol	-	0.40
Part E		
Fragrance (Lotus)	MLW	0.20

Method

Weigh Part A and mix well. Weigh Part B and mix well. Add Part B to Part A and mix. Heat Part A+B to 85°C in bain-marie. Weigh and heat Part C to 85°C in bain-marie. Mix well. Weigh and heat Part D to 85°C in bain-marie. Mix well. Add slowly Part A+B into Part C+D with strong Staro stirring (s=2000 rpm) out of bain-marie, then increase speed to 2400 rpm. Add Part E at around 35°C

This formulation has been subject to limited stability tests and has been shown to perform well. However formulators adopting this approach should ensure to their own satisfaction long term stability and functionality. It is good practice to conduct safety tests on all final formulations prior to marketing. Suggested uses should not be taken as an inducement to infringe any existing patents.

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Sederma SAS - 29, rue du Chemin Vert BP 33 - 78612 Le Perray-en-Yvelines Cedex - France
Tel ++33 1 34 84 10 10 Fax ++33 1 34 84 11 30