

Development formulation

Oil Free lightening Serum with MEDIATONE™(*) and PACIFEEL™(*) SED1412181 R

(*) Mediatone™: Patent pending / Pacifeel™: Patent FR 2 818 141 - FR 3 018 449

		% by wt
Part A		
Water deionised	-	Qsp 100
Carbomer	-	0.30
Part B		
Butylene Glycol	-	5.00
Pentylene Glycol	-	10.00
Dipropylene Glycol	-	5.00
Arlasolve DMI-LG-(MH) (Dimethyl Isosorbide)	Croda	2.50
Tween 60-LQ-(MV) (Polysorbate 60)	Croda	2.00
Tween 20-LQ-(MV) (Polysorbate 20)	Croda	2.00
Mediatone™ [Octadecenedioic Acid]	Sederma	2.50
Part C		
Potassium Sorbate	-	qs
Part D		
Water deionised	-	3.00
Sodium hydroxide 30%	-	0.30
Part E		
Pacifeel™ [Butylene Glycol (and) Propanediol (and) Mirabilis Jalapa Extract]	Sederma	3.00
Part F		
Alcohol (96°)	-	5.00
Phenoxyethanol	-	qs
Fragrance (Lotus)	Expressions Parfumées	0.10

Method

Weigh Part A and allow swelling the Carbomer for 30 minutes. Weigh and melt Part B to 85°C. Heat Part A to 45°C in bain-marie. Pour Part B previously cooled down to 45 ° into Part A with strong rotor Stator stirring. Add Part C extemporaneously and mix well with rotor Stator stirring. Neutralize with Part D to pH= 5.70+/-0.20. Mix well. Add Part E, mix well. Add Part F, mix well.
pH : 5.90+/-0.20

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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