Total rejuvenation hair mask with SILVERFREE™ (*) PROCAPIL™ (**) and CERAMIDE HO3™

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(*) Patent pending
(**) Procapil™: WO 00/58347

This luxury mask containing peptides and ceramides is like a fountain of youth for your hair. **Silverfree™** favours natural hair re-pigmentation while **Procapil™** prevents hair loss and **Ceramide HO3™** reinforces the scalp skin cutaneous barrier. **Crodarom® Manuka honey** in association with **Arlasolve™ DMI PC** is perfect to enhance the bioavailability of the active ingredient **Silverfree™**. **Crodamol™ STS** are perfect to treat damaged hair and to restore lustre, shine and moisture. **Cutissential™ Behenyl 18 MEA** replenishes the lipid layer of the cuticle leading to a healthier look and promotes excellent wet performance of detangling while **Crodazosoft™ DBQ** delivers a velvety softness to the hair. This silicone free mask is an amazing therapy to restore hair colour, repair and prevent hair loss.

Ingredient/INCI Name	Functionality	% w/w
Part A		
Water Deionised (Aqua)	-	To 100
Potassium Sorbate	Preservative	0.10
Part B		
Crodacol™ CS90 (Cetearyl Alcohol)[1]	Emulsion stabiliser	4.50
Crodamol™ STS (PPG-3 Benzyl Ether Myristate)[1]	Shine emollient	4.00
Cutissential™ Behenyl 18 MEA (Behentrimonium Methosulfate (and) C10-40 Isoalkylamidopropylethyldimonium Ethosulfate (and) Cetyl alcohol)[1]	Surfactants - cationic	3.00
Crodazosoft™ DBQ (Quaternium-91 (and) Cetrimonium Methosulfate (and) Cetearyl Alcohol)[1]	Surfactant conditioner	2.70
Ceramide HO3 [2]	Cutaneous barrier repairing active	0.20
Part C		
Pentylene Glycol	Humectant	3.00
Arlasolve™ DMI PC (Dimethyl Isosorbide)[1]	Humectant	2.50
Phenoxyethanol	Preservative	0.80
Part D		
Crodarom® Manuka Honey (Water (and) Glycerin (and) Honey Extract)[3]	Botanical extract	1.00
Part E		
Procapil™ [2]	Anti-hair loss active	3.00
Part F		
Unicert Red K7057-J solution 0.1% (Aqua (and) CI 17200)[5]	Dye	0.01
Unicert Yellow 08005-J solution 0.1% (Aqua (and) CI 19140)[5]	Dye	0.15
Part G		
Water Deionised (Aqua)	-	1.50
Sodium Hydroxide 30%	pH Adjuster	0.15
Part H		
Silverfree™ [2]	Hair repigmenting active	1.50
Part I		
Flavoratonic [4]	Fragrance	0.10

Suppliers: **1: Croda 2: Sederma 3: Crodarom** 4: MLW 5: Sensient

Procedure:
Weigh and Heat Part A to 85°C in bain-marie. Weigh and Heat Part B to 90°C in bain-marie. Weigh Part C and mix well. Pour Part C into Part A with normal rotor stator stirring. Disperse Part B into Part

Development Formulation

A+C with strong stirring (s=1500 rpm) mix well. Pour Part D, at around 40°C, into the previous part with rotor stator stirring. Add Part E, mix well. Add Part F to the previous part, mix well. Add Part G, mix well. Add Part H, mix well. Add Part I, mix well.

Appearance: Yellow opaque viscous emulsion; pH: 5.80± 0.5; Viscosity: 60.000 cps ± 10% Sp.93, 2.5rpm, 1 min, 25°C, Brookfield DV-I Prime
Stability: 3 months at 4°C, 25°C, 45°C and 1 month at 50°C;
Centrifuge 10min @ 3000rpm and 1 x -80ºC/+25ºC 24 hours freeze-thaw cycle and autoclave 20min @120°C

This formulation was developed in France. Contact your local sales representative with enquiries as ingredient availability can vary by region.

Non-warranty
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