CA 1039 Hair Conditioner

Ingredients	%(w/w)	Functions	INCI designation	Supplier
Phase 1				
Water	67.45	Diluent		
EDTA	0.05	Chelating agent		
Polyquartenium-10	0.4	Conditioning agent		
Phase 2				
Tefose HC	6	o/w emulsifier	Cetyl Alcohol (and) Glyceryl Stearate (and) Ceteth-20 (and) Steareth-20	Gattefosse
Cetearyl Alcohol	1	Thickener		
Shea Butter	2	Emollient		Essencia
Florasun 90	2	Emollient	Helianthus Annuus	Floratech
Floraesters 20	2	Emollient	Jojoba Esters	Floratech
Transcutol CG	5	Penetration Enhancer	Ethoxydiglycol	Gattefosse
Softcutol B	2	Emollient	Ethoxydiglycol Behenate	Gattefosse
Silplex J2S	1	Conditioning agent	Silicone Quartenium-20	Siltech
BC Volatile 5	2	Improves shine	Cyclomethicone	Basildon
L.A.S	1	Antistatic agents	PEG-8 Caprylic/Ca pric Glycerides	Gattefosse
Corum 5118	2	Conditioning agent	Isostearamidopropyl Ethyldimonium Ethosulfate	Corum
Phase 3				
Microcare IT	0.1	Preservatives		
Phylderm Vegetal C2	3	Increase hair strength and promote hair growth	Hydrolyzed Soy Protein	Gattefosse
Optivegetol Guarana P107 Hydro	3	Improves microcirculation and cellular exchanges	Propylene Glycol (and) Water (and) Paullinia Cupana Seed Extract	Gattefosse
Total	100			

Process:

1. Dissolve EDTA and Polyquatenium-10 into water.
2. Add Phase 2 heated to 80^{o}C into Phase 1 heated to 80^{o}C and stir until homogeneous.
3. Add in the ingredients in Phase 3 into the mixture when the mixture cooled down to about 40^{o}C and stir until homogenous.