

Guide Formulation

Personal Care

Anti-Frizz Relaxing Hair Balm (CC-33)

In this non-chemical relaxing hair balm formulation, the silicone products help to smooth the hair, improve combing and leave a silky soft feel.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Phase A			
Deionised Water	To 100	-	Vehicle
Acrylates/C10-30 Acrylate Crosspolymer	1.50	Various	Viscosity Modifier
Amodimethicone (and) Steartrimonium Chloride	3.00	SeraShine® EM 308/KCC Beauty	Conditioning Agent
Propylene Glycol	3.00	Various	Humectant
Diisopropyl Adipate	3.00	Crodamol™ DA/Croda	Plasticiser
Isocetyl Stearate	5.00	Crodamol™ ICS/Croda	Emollient
Cyclopentasiloxane	1.00	SeraSense® SF CM5/KCC Beauty	Solvent/Detangling
Preservative	q.s.	-	Preservative
Aminomethyl Propanol	1.50	Various	pH Adjuster
Phase B			
Deionised Water	20.00	-	Vehicle
AMP-Acrylates/Allyl Methacrylate Copolymer	7.50	Fixate™ G-100 Polymer/Lubrizol	Styling Agent

Method

Sprinkle the Acrylates/C10-30 Acrylate Crosspolymer on the surface of the water and allow to self-wet. Add the remaining ingredients in Phase A, mixing thoroughly after each addition. Mix at low shear while neutralising with AMP. Continue mixing until fully homogenous.

Premix the ingredients of Phase B, then slowly add to the main batch whilst mixing at high speed.



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