

Guide Formulation

Personal Care

Moisturising Cream for Ethnic Hair (CC-33)

This hair moisturising cream formulation contains SeraShine® EM 322C for improved combing and a silky soft feel, and SeraShine® EM 501C for enhanced shine.

| Raw Material/INCI Name | % w/w | Trade name/Supplier | Function |
|--|-------------|---------------------------------------|---------------------------|
| Phase A | | | |
| Deionised Water | To 100 | - | Vehicle |
| Panthenol | 0.50 | Various | Conditioning Agent |
| Disodium EDTA | 0.05 | Edeta BD/BASF | Chelating Agent |
| Acrylates Copolymer (and) Aqua | 5.00 | Carbopol Aqua SF-1/Lubrizol | Rheology Modifier |
| Sodium Hydroxide (32%) | 0.50 | Various | pH Adjuster |
| Phase B | | | |
| Petrolatum | 7.50 | Various | Lubricant |
| Paraffinum Liquidum | 26.50 | Various | Emollient |
| Cera Alba | 1.00 | Beeswax/Koster Keunen | Rheology Modifier |
| Glyceryl Stearate (and) PEG-100 Stearate | 6.00 | Arlacel™ 165/Croda | Emulsifier |
| Cetearyl Alcohol | 3.00 | Lanette O/Cognis | Rheology Modifier |
| Phase C | | | |
| Amodimethicone (and) C12-14 sec-Pareth-5 (and) C12-14 sec-Pareth-9 | 3.50 | SeraShine® EM 322C/ KCC Beauty | Conditioning Agent |
| Phenyl Trimethicone (and) Silicone Quaternium-17 (and) Laureth-4 (and) Laureth-23 | 3.50 | SeraShine® EM 501C/KCC Beauty | Conditioning Agent |
| Aloe Barbadensis Extract | 0.10 | Various | Soothing |
| Tocopheryl Acetate | 0.50 | Various | Antioxidant |
| Preservative | q.s. | - | Preservative |
| Parfum (Fragrance) | q.s. | - | Fragrance |

Method

Dissolve EDTA and panthenol in the water.

Add the Acrylates Copolymer and neutralise to pH 6.5 with sodium hydroxide.

Heat Phase A to 70°C.

Blend the ingredients of Phase B with mixing and heat to 70°C.

Add Phase B to A whilst mixing at high speed.

Cool with mixing to <45°C.

Add ingredients of Phase C in the order shown. Mix until homogenous after each addition.



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Please note that the above formulation is only intended as a guide. It is not a commercial formulation and has not been tested as such. The formulation should be evaluated and modified for your own requirements before use. Also suggestions of uses should not be taken as inducements to infringe any particular patent.