



After-Colour Care Conditioner (TT-11)

SeraShine® EM 506 is specifically designed for conditioning formulations, providing superior performance in intensive treatments and very suitable for leaving coloured or otherwise damaged hair feeling healthy and smooth. **Vida-Care HEC** thickens and stabilises but also exhibits some shear thinning, improving spreadability during application.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Deionised Water	To 100	-	Vehicle
Glycerin	1.50	Surfac G995V/Surfachem	Humectant
Hydroxyethylcellulose	1.50	Vida-Care HEC/KCC Basildon	Thickener
Bis-(Ethyl PPG-3 Behenate) Dimonium Methosulfate (and) Behenamidopropyl Dimethylamine	1.00	Terraquat BD/Croda	Conditioning Fat
Citric Acid	0.33	Surfac Citric Acid Mono BP/Surfachem	pH Adjuster
Cetyl Alcohol	2.50	Crodacol C90/Croda	Bodifying Fat
Stearyl Alcohol	2.50	Crodacol S95/Croda	Bodifying Fat
Dimethicone (and) Silicone Quaternium-17 (and) C12-14 sec- Pareth-9 (and) Laureth-4	7.81	SeraShine® EM 506/KCC Beauty	Conditioning Agent
Phenoxyethanol (and) Benzyl Alcohol (and) Potassium Sorbate (and) Aqua (and) Tocopherol	1.00	Euxyl K700/Schülke	Preservative
Parfum (Fragrance)	0.50	-	Fragrance

Typical Properties

Appearance:	Viscous, white cream
Viscosity @ 25°C:	15000 - 30000cP (Brookfield Helipath, T bar C, 10rpm)
pH @ 25°C:	3.0 - 4.0

Method

Add the water to the vessel. Begin heating to 85°C.

Premix the glycerin with the Vida-Care HEC and add to the water. The product will thicken once fully dispersed.

Add the citric acid, stir until homogenous.

Add the fats, once at 85°C, ensure the fats have melted and transfer the batch to the homogeniser. Homogenise at 3000rpm for 3 - 5 mins, until the batch is white and smooth. Transfer back to the paddle stirrer and stir slowly, allowing to cool.

Once below 40°C, add the rest of the ingredients in order, stirring well between additions.

Check pH and viscosity.

Basildon Chemical Co. Ltd, Kimber Road, Abingdon, Oxfordshire, OX14 1RZ, UK

KCC Corporation, 1301-4, Seocho-Dong, Seocho-Gu, 137-703, Seoul, Korea

☎ +44 (0)1235 526677 | ✉ info@kcc-beauty.com | 🌐 www.kcc-beauty.com

✉ webenquiries@baschem.co.uk | 🌐 www.kcc-basildon.com

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.

Basildon Chemical Co. Ltd, Kimber Road, Abingdon, Oxfordshire, OX14 1RZ, UK
KCC Corporation, 1301-4, Seocho-Dong, Seocho-Gu, 137-703, Seoul, Korea
☎ +44 (0)1235 526677 | ✉ info@kcc-beauty.com | 🌐 www.kcc-beauty.com
✉ webenquiries@baschem.co.uk | 🌐 www.kcc-basildon.com