



## Conditioning Hair Balm (CC-27)

A leave-in conditioner best suited to use on wet hair. **Vida-Care PQ-10** provides conditioning and aids deposition of actives, whilst **Vida-Care HEC** thickens and adds spreadability due to shear thinning. **SeraShine® EM 421C** is a microemulsion which can be added to clear aqueous formulations without affecting clarity and which is highly substantive to damaged hair. **SeraSense® SF PTM** further improves spreadability and slip whilst adding shine.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Water	To 100	-	Vehicle
<b>Polyquaternium-10</b>	<b>0.25</b>	<b>Vida-Care PQ-10/KCC Basildon</b>	<b>Conditioning Agent/Silicone Deposition Aid</b>
Glycerin	3.00	Surfac G995V/Surfachem	Humectant
<b>Hydroxyethylcellulose</b>	<b>1.00</b>	<b>Vida-Care HEC/KCC Basildon</b>	<b>Thickener</b>
Behentrimonium Chloride (and) Isopropyl Alcohol	0.50	Incroquat Behenyl TMC-85/Croda	Conditioning Fat
Cetearyl Alcohol	2.00	Crodacol CS90/Croda	Bodifying Fat
Sodium Benzoate	0.30	Surfac Sodium Benzoate/Surfachem	Preservative
<b>Silicone Quaternium-17 (and) C12-14 sec-Pareth-5 (and) C12-14 sec-Pareth-9</b>	<b>4.00</b>	<b>SeraShine® EM 421C/KCC Beauty</b>	<b>Conditioning Agent</b>
<b>Phenyl Trimethicone</b>	<b>2.00</b>	<b>SeraSense® SF PTM/KCC Beauty</b>	<b>Glossing</b>
Parfum	qs	-	Fragrance
Hydrolysed Keratin (and) Aqua	1.00	Crotein Cashmere/Croda	Conditioning
Citric Acid	0.25	Surfac Citric Acid Mono BP/Surfac	pH Adjuster

### Typical Properties

Appearance:	Opaque, viscous liquid
Viscosity @ 25°C:	15000 - 25000cP (Brookfield Helipath, T Bar C, 10rpm)
pH @ 25°C:	4.4 - 4.9

### Method

Charge the vessel with the water.

Premix the Glycerin with the Vida-Care PQ-10 and Vida-Care HEC, add to the batch.

Begin heating to 80 - 85°C. Add the fats and stir until melted. Homogenise for 1 minute.

Cool to room temperature and add the rest of the ingredients.

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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.

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