



## Anti-Pollution Leave-In Gel Conditioner (CC-20)

A lightweight gel conditioner formulation which is easily absorbed and can be used on wet or dry hair. **SeraShine® EM 223-E** provides detangling and softness, whilst **SeraShine® EM 501C** gives smoothness and shine, leaving hair looking and feeling healthy and nourished. Polysaccharide AP provides protection against pollution whilst **Vida-Care PQ-10** adds conditioning.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Water	To 100	-	Vehicle
Cetyl Hydroxyethylcellulose	1.50	Polysurf 67/Ashland	Thickener
<b>Polyquaternium-10</b>	<b>0.25</b>	<b>Vida-Care PQ-10</b>	<b>Conditioning Agent/Silicone Deposition Aid</b>
Glycerin	1.00	Surfac G995V/Surfachem	Humectant
Sodium Benzoate	0.30	Surfac Sodium Benzoate/Surfachem	Preservative
<b>Dimethiconol (and) TEA-Dodecylbenzenesulfonate</b>	<b>2.00</b>	<b>SeraShine® EM 223-E/KCC Beauty</b>	<b>Conditioning Agent</b>
<b>Silicone Quaternium-17 (and) Phenyl Trimethicone (and) Laureth-4</b>	<b>1.00</b>	<b>SeraShine® EM 501C/KCC Beauty</b>	<b>Conditioning Agent</b>
Parfum	<i>q.s.</i>	-	Fragrance
Hydrolysed Algin	0.50	Polysaccharide AP/Protex Ingredia	Anti-Pollution Additive

### 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.

Slowly sprinkle in the Polysurf 67 and stir until dissolved, the batch will thicken.

Premix the Vida-Care PQ-10 with the glycerin, add to the batch.

Add the rest of the ingredients in order.

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](mailto:info@kcc-beauty.com) | 🌐 [www.kcc-beauty.com](http://www.kcc-beauty.com)

✉ [webenquiries@baschem.co.uk](mailto:webenquiries@baschem.co.uk) | 🌐 [www.kcc-basildon.com](http://www.kcc-basildon.com)