

Guide Formulation

Personal Care

Tightening Serum Crème (AA-4)

The elastomer in this serum crème, SeraSilk® EL 65 gives the skin a luxurious feel, leaving it powdery soft. SeraSense® GB 12 aids skin smoothness and SeraSense® SF PTM helps the lotion to spread easily.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Aqua (Water)	To 100	-	Vehicle
Propanediol	5.00	Zemea/IMCD (DuPont)	Humectant
Sorghum Bicolor Stalk Juice (and) Water (Aqua) (and) Sodium Polystyrene Sulfonate (and) Glycerin	7.00	Dynalift/Sederma	Tightens skin
Phenoxyethanol (and) Ethylhexylglycerin	1.00	Euxyl PE 9010/Schülke	Preservative
Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	10.00	SeraSilk® EL 65/KCC Beauty	Skin feel
Dimethicone (and) Dimethiconol	2.50	SeraSense® GB12/KCC Beauty	Skin feel
Phenyl Trimethicone	3.00	SeraSense® SF PTM/KCC Beauty	Aids spreading
Salvia Hispanica (Chia) Seed Oil	2.00	Chia Seed Oil Organic/Statfold Seed Oils	Source of Omega 3
Papaveris Somniferum (Poppy) Seed Oil	2.00	Poppy Oil Refined/Statfold Seed Oils	Moisturises skin
Parfum (Fragrance)	0.80	Vitamin 131 Fragrance/Givaudan	Fragrance
Sodium Polyacrylate (and) Ethylhexyl Cocoate (and) PPG-3 Benzyl Ether Myristate (and) Polysorbate 20	4.00	ViscOptima SE/Croda	Thickener/Emulsifier

Typical Properties

Appearance:	Cream coloured, viscous liquid
Viscosity @ 25°C:	20000 - 40000cP (Brookfield RVT, Sp4, 2.5rpm)
pH @ 25°C:	5.5 - 6.0

Method

Add the water to the vessel and begin stirring.

Add the ingredients in order up to the silicones.

Premix the silicones until smooth, and then add to the batch.

Add the rest of the ingredients in order. Once the ViscOptima has been added, a cream will form.

Homogenisation may be required to fully blend in the elastomer gel.

Check the pH and viscosity and adjust accordingly.



Scan me to find out more about KCC Beauty online!

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

05/18