

Guide Formulation

Personal Care

Heat Defence Serum (CC-7)

This serum is an oil-based leave-in formulation for wet or dry hair. The blend of silicone products smooth hair and give a healthy shine. SeraSense SF PTM (Phenyl Trimethicone) has a high refractive index, leaving hair with a high gloss. SeraSense SA 30 (Amodimethicone) protects from colour fade and heat styling.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Cyclopentasiloxane	10.00	SeraSense SF CM5/KCC Beauty	Solvent
Cyclopentasiloxane (and) Dimethiconol	84.00	SeraSense GB 10/KCC Beauty	Smooths hair
Phenyl Trimethicone	3.00	SeraSense SF PTM/KCC Beauty	Glossing agent
Amodimethicone	3.00	SeraSense SA 30/KCC Beauty	Heat/Colour Protection
Parfum	qs	-	Fragrance

Typical Properties

Appearance:	Clear, viscous liquid
Viscosity @ 25°C:	2000 - 4000cP (Brookfield RVT, Sp4, 10rpm)
pH @ 25°C:	n/a

Method

Slowly add the SeraSense SF CM5 to the SeraSense GB 10 whilst stirring.
Add the rest of the ingredients, stirring well between each addition.

! The amount of SeraSense GB 10 can be varied to meet particular viscosity requirements.



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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.