

Long Lash Mascara (CC-E-6)

This mascara formulation lengthens lashes. SeraSol® SC 81 (PEG-12 Dimethicone) and SeraSense® SF CM5 (Cyclopentasiloxane) are used for softness and lubricity. SeraSoft® SW 70-E (Stearyl Dimethicone) adds structure.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Part 1			
Deionised Water	To 100	-	Vehicle
Carbomer	0.10	Carbopol ETD 2050/Surfachem	Thickener
Magnesium Aluminium Silicate	0.40	Optigel CL-PC/Azelis	Thickener
CI 77499	10.00	SunCHROMA Black Iron Oxide C33-5000/Azelis	Pigment
Acrylates Copolymer (and) Propylene Glycol (and) Sodium Laureth-12 Sulfate (and) Aqua (and) Methylparaben (and) Propylparaben (and) EDTA (and) Potassium Sorbate	7.00	Syntran 5190/Azelis	Film Former
PEG-12 Dimethicone	0.50	SeraSense® SC 81/KCC Beauty	Adds softness
Phenoxyethanol (and) Ethylhexylglycerin	1.00	Euxyl PE9010/Schülke	Preservative
Part 2			
Cera Alba	3.00	White Beeswax/Seatons	Structurant
Copernicia Cerifera Cera	3.00	Carnauba Wax/Seatons	Structurant
Euphorbia Cerifera Cera	1.50	Candelilla Wax/Seatons	Structurant
Stearyl Dimethicone	3.00	SeraSoft® SW 70-E/KCC Beauty	Structurant
Stearic Acid	2.00	Stearic Acid/A&E Connock	Emulsifier
Glyceryl Stearate	5.00	Cithrol GMS 40/Croda	Emulsifier
Isopropyl Myristate	3.00	Surfac IPM/Surfachem	Emollient
Petrolatum	4.00	Snow White PET/Azelis	Emollient
Cyclopentasiloxane	3.00	SeraSense® SF CM5/KCC Beauty	Emollient
Triethanolamine	0.80	Triethanolamine Care 90%/BASF	Neutraliser

Typical Properties

Appearance:	Viscous, black cream
Viscosity @ 25°C :	60000 - 100000 cPs (Brookfield RVT, Sp7, 2.5rpm)
pH @ 25°C:	7.3 - 7.7

Method

Add the water to the vessel. In a side vessel, blend the Carbopol and Optigel and stir into the water. Stir until fully dispersed.

Add the black iron oxide, Syntran, SeraSol® SC 81 and PE9010. Heat to 60°C

In a separate vessel, melt the components of Part 2 up to the SeraSense® SF CM5. Heat to 85°C and add the SeraSense® CM5.

Combine Part 2 with Part 1 and homogenise for 30 seconds.

Adjust to pH 7.5 with TEA.

Fill into tubes whilst still molten.



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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.