

## Face & Neck Serum Crème (AA-2)

This Face & Neck Serum Crème is a light, gel-like formulation. SeraSilk® EL 60 (Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer) gives a dry, powdery feel. SeraSense® GB 10 (Cyclopentasiloxane (and) Dimethiconol) leaves skin feeling silky soft without tackiness.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Water	To100	-	Vehicle
Disodium EDTA	0.05	Disodium EDTA	Chelating Agent
Glycerin	1.00	Surfac G995V/Surfachem	Humectant
Water (Aqua) (and) C12-15 Alkyl Benzoate (and) Triisostearin (and) Diglycerin (and) Ceteth-2 (and) Cetearth-25 (and) Dimethicone (and) Glyceryl Stearate (and) Cetyl Palmitate (and) Cetearyl Alcohol (and) Phenoxyethanol (and) Lauryl Alcohol (and) Myristyl Alcohol (and) C12-15 Pareth-3 Phosphate (and) Benzoic Acid (and) Dehydro-Acetic Acid (and) Ethylhexylglycerin	15.00	Resconcept Care Emulsion 2/Azelis	Emulsion Base
Cyclopentasiloxane (and) Dimethiconol	10.00	SeraSilk® EL 60/KCC Beauty	Skin Feel
Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	10.00	SeraSense® GB 10/KCC Beauty	Skin Feel
Parfum	0.05	CPL Aromas	Fragrance
Caprylyl Glycol (and) Methylisothiazolinone	1.10	Neolone CapG/Dow	Preservative
Polyacrylate-13 (and) Polyisobutene (and) Polysorbate 20	2.00	Sepiplus 400/Seppic	Thickener
Potassium Hydroxide	qs	Potassium Hydroxide 18%	pH Adjuster

### Typical Properties

Appearance:	White, glossy emulsion
Viscosity @ 25°C:	>120000cPs (Brookfield RVT, Sp7, 2.5rpm)
pH @ 25°C:	5.3 - 5.6

### Method

Add water, glycerin and EDTA to the main vessel.

Add the Resconcept and stir until homogenous.

Premix the silicones and the perfume and add to the bulk.

Add the Neolone CapG and stir.

Slowly add the Sepiplus to the vessel with high speed stirring. If small lumps remain, homogenise for 30 seconds until smooth.

Adjust pH using the potassium hydroxide.

! Using an emulsion base such as Resconcept Care allows a cold process



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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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