

Super Serum

A luxurious, silky, multifunctional serum with **RoyalEpigen P5** which accelerates epidermal regeneration for smooth skin and a more even skin tone. Revealing a gorgeous complexion and a beautiful glow. The formulation is emulsified with **Emulpharma® Eco10**. **Cetpro Thix ATC** adds viscosity and adds to the pleasant skin feel.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Purified Water	Aqua	Solvent	74.35	
2	Versene Na2	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3	1,3 Butylene Glycol	1,3 Butylene Glycol	Humectant	4	Lanxess
4	Lubrajel™ II XD	Glycerin (and) Glyceryl Polyacrylate	Clathrate Gel	5	Ashland Inc
5	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1.1	Shulke UK
6	Cutina® GMS-SE	Glyceryl Stearate SE	Emulsifier	1	BASF
7	Emulpharma® Eco10	Polyglyceryl-10 Laurate	Emulsifier	1.5	Res Pharma Via ProTec Ingredia
8	Lanette 16	Cetyl Alcohol	Co-emulsifier	1	BASF
9	Cetiol® LC	Coco-Caprylate/Caprates	Emollient	3	BASF
10	Dry-Flo® PC	Aluminium Starch Octenylsuccinate	Texture enhancement	2	Azelis
11	Cetpro Thix ATC	Acrylamide/Sodium Acrylate Copolymer, Parffinium Liquidum, Trideceth-6	Thickener	1	ProTec Ingredia Ltd
12	SeraSense SF CM5	Cyclopentasiloxane	Volatile Silicone	3	KCC Beauty
13	RoyalEpigen P5	Pentapeptide-48 (and) Hydrogenated Lecithin (and) Glycerin (and) Butyrospermum Parkii (Shea) Butter (and) Phenethyl Alcohol (and) Ethylhexylglycerin (and) Maltodextrin (and) Aqua	Active Ingredient	3	Mibelle Via ProTec Ingredia Ltd

ProTec Ingredia Ltd.

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The information provided, to the best of our knowledge is believed to be correct however we do not guarantee its accuracy. Potential purchasers shall not only rely on information stated herein when purchasing any products and should make their own investigations to determine if such products are suitable for a particular use. It is your responsibility to thoroughly test any formulations and all warranties, indemnities or liabilities implied or expressed by law are hereby excluded by ProTec Ingredia Ltd to the fullest extent permitted by law.

Method of Manufacture

Into the main vessel add:

Purified Water	Start the mixer on a fast speed.	
Versene Na2	Mix until dissolved.	
1,3 Butylene Glycol	Mix until dispersed.	
Euxyl® PE 9010	Mix until dispersed.	
Lubrajel™ II XD	Mix until dispersed and no lumps remain.	Commence heating to 70-75C.

Into a suitable premix vessel add:

Emulpharma ECO10	Commence heating to 70-75C.
Cetiol LC	
Dry-Flo® PC	
Lanette 16	
Glyceryl Stearate SE	
Cetpro Thix ATC	Mix until homogenous.

When both vessels are at 75C-80C add the premix into the main vessel & homogenize for 5 minutes.

Into the main vessel add:

Cyclopentasiloxane

Commence cooling to 23C.

Start the mixer on a moderate speed.

Adjust the mixer speed accordingly to ensure adequate batch turn over, avoiding aeration.

When the bulk is 40C or below into the main vessel add:

RoyalEpigen P5	Mix until homogenous.
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Continue cooling to 23C.

When the product is at 23C Check the product specifications.

Product Specifications

pH	5.50-6.50	
Viscosity	120,000-170,000 cps	RVT TBAR E, speed 2.5 for 1 minute
Colour	White	
Appearance	Thick, opaque emulsion	

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Registered in London No. 07517784 VAT No. GB 100 2120 14

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