

Perfect Skin Energising Serum

With **Early Boost PE** a new* Active Ingredient based on Vegetable Taurine. It has a unique energising action it acts to reduce the signs of fatigue including bags and shadows. It also has a restructuring effect and reduces wrinkles by up to 15%. After a single application the moisturising effect can be as much as 44%.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Purified Water	Aqua	Solvent	74.85	
2	Versene Na2	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3	Organic Glycerine	Glycerin	Humectant	6	ProTec Botanica
4	1,3 Butylene Glycol	1,3 Butylene Glycol	Humectant	4	Lanxess
5	SEPI NOV EMT 10	Sodium Acryloyldimethyl Taurate Copolymer, Hydroxyethyl Acrylate,	Thickener\Emulsifier	1.5	Seppic
6	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1.1	Shulke UK
7	SABODERM AB	C12-15 Alkyl Benzoate	Emollient	1	Kemcare
8	BC Dimethicone 350cs	Dimethicone	Skin Conditioning	2	Basildon KCC
9	Olive Squalane	Squalane	Emollient	1	EFB Biotek Via ProTec Ingredia Ltd
10	Lanette 16	Cetyl Alcohol	Co-emulsifier	1	BASF
11	SABOWAX GMS	Glyceryl Stearate	Emulsifier	1	Kemcare
12	Early Boost PE	Glycerin (and) Water (and) Phenoxyethanol (and) Sodium carrageenan (and) Jania rubens extract (and) Ethylhexylglycerin	Active Ingredient	1.5	Codif Via ProTec Ingredia Ltd
13	TSDA 1 (DEB) 96	Alcohol Denat	Solvent	5	Alcohols Ltd

* New Autumn 2016

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

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.	
Organic Glycerine	Mix until dispersed.	
Euxyl® PE 9010	Mix until dispersed.	
1,3 Butylene Glycol	Mix until dispersed.	
SEPINOV EMT 10	Mix until dispersed.	Commence heating to 70-75C.

Moderate the mixer speed accordingly as the SEPINOV EMT10 is incorporated and the bulk begins to thicken.

Into premix vessel add:

SABODERM AB
BC Dimethicone 350cs
Olive Squalane
Lanette 16
SABOWAX GMS

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

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:

Early Boost PE	Mix until fully uniform and homogenous.
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Into the main vessel add:

Alcohol Denat	Mix until fully uniform and homogenous.	Continue to cool to 23C.
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When the product is at 23C Check the product specifications

Product Specifications

pH	5.50-6.50	
Viscosity	60,000-80,000	RVT TBAR E, Speed 2.5 for 1 minute
Colour	White	
Appearance	Opaque viscous liquid	

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