

ProTec Clear Aqua Fresh Serum with Codif Actives

A light gel cream with the emolliency benefits of **Jojoba Esters**. **Corneosticker DS** is the active ingredient for the instant re-establishment of the anatomical and physiological functions of the stratum corneum. It smooths away wrinkles around the mouth, eye area and forehead.

How to Use

Apply either morning or night to the face and neck area avoiding the eye contour.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Purified Water (1)	Aqua	Solvent	42.05	
2	Versene® NA2 Crystals	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3	Organic Glycerine	Glycerin	Humectant	2	ProTec Botanica
4	Keltrol RD	Xanthan Gum	Thickener	0.1	Azelis
5	Purified Water (2)	Aqua	Solvent	42	
6	Cetpro Carbomer FD	Carbomer	Thickener	0.1	ProTec Ingredia Ltd
7	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1.1	Schülke UK
8	EMULPHARMA® 1000 NEW	Cetearyl glucoside, Sorbitan stearate, Glyceryl stearate, Cetearyl alcohol	Emulsifier	1	RES PHARMA® Srl via ProTec Ingredia
9	Eutanol® G	Octyldodecanol	Emollient	1.5	BASF
10	Floramac® 10	Isopropyl Jojobate (and) Jojoba Alcohol (and) Jojoba Esters	Emollient	3	Floraetch Via ProTec Ingredia
11	Floraesters® 20	Jojoba Esters	Emollient ester, Spreadability	2	Floraetch Via ProTec Ingredia
12	Sodium Hydroxide (16% Solution)	Sodium Hydroxide	Neutraliser	0.1	
13	Matrigenics.14 G	Undaria pinnatifida extract	Active Ingredient	2	Codif Via ProTec Ingredia
14	Corneosticker DS	Bentonite, Olive Oil Decyl Esters, Glycerin, Citric Acid, Hydrated Silica, Aqua, Lactic Acid, Squalane, Chlorella Vulgaris Extract, Maris Sal, Tocopherol	Active Ingredient	2	Codif Via ProTec Ingredia
15	Seppiplus 400	Polyacrylate-13 (and) Polyisobutene (and) Polysorbate 20	Thickener	1	Seppic

ProTec Ingredia Ltd.

Unit 10 Delta Court, Manor Way, Borehamwood, Herts., WD6 1FJ, UK

Website: www.protectingredia.com

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

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Method of Manufacture

Into the main vessel add:

Purified Water (1)	Start the mixer on a fast speed.
Disodium EDTA	Mix until dissolved.
Glycerin	Mix until dispersed.
Keltrol RD	Mix until dispersed.

Into premix (1) vessel add:

Purified Water (2)	
Cetpro Carbomer FD	Mix until dissolved.

Add premix vessel (1) into the main vessel.

Mix until homogenous.

Into the main vessel add:

Eueryl® PE 9010	Mix until dispersed.
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Heat the main vessel to 75C-80C.

Into premix vessel (2) add:

EMULPHARMA® 1000 NEW

Eutanol® G

Floramac® 10

Floraesters® 20 Commence heating the premix vessel to 75-80C.

When both vessels are at 75C-80C add premix (2) into the main vessel & homogenize for 5 minutes.

Into the main vessel add:

Sodium Hydroxide	Homogenise for a further 2 minutes. Commence cooling to 23C. Start the mixer on a moderate speed. Adjust the mixer speed accordingly to ensure adequate batch turn over. Avoid aeration.
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When the product is at 40C or below add:

Matrigenic.14 G	Mix until homogenous.
Corneosticker DS	Mix until homogenous.
Seppiplus 400	Homogenise for 2 minutes until thick and smooth.

Continue to cool to 23C.

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

Product Specifications

pH	5.50-6.30
Viscosity	10,000-15,000 cps LVT Spindle 4, Speed 10, 30 seconds
Colour	White
Appearance	Viscous, mobile liquid emulsion.

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