

### Anti-Aging Cream With Phycojuvenine G

A blend of natural waxes and emollients have been optimised to produce a low soaping formulation when applied to the skin. **Phycojuvenine G** restores and protects ageing adult dermal stem cells. It rejuvenates fibroblasts, stimulating collagen synthesis in mature skin and erases wrinkles.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	WATER	Aqua	Solvent	70.1	
2	Dermofeel® PA-3	Sodium Phytate	Chelating agent	0.2	Surfachem
3	<b>NOVAXAN 80T</b>	<b>Xanthan Gum</b>	<b>Rheology Modifier</b>	<b>0.1</b>	<b>ADM Via ProTec Ingredia</b>
4	GENUVISCO CG-131	Chondrus Crispus	Rheology Modifier	0.1	Azelis
5	1,3 Butylene Glycol Cosmetic	1,3 Butylene Glycol	Humectant	2	D.K.S.H
6	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1	Schülke UK
7	Motanov 68	Cetearyl Alcohol & Cetearyl Glucoside	Emulsifier	3.5	Various
8	Ceraphyl™ 847	Octyldodecyl Stearoyl Stearate	Cushion ester	5	IMCD
9	<b>Floviva Sweet Almond Oil</b>	<b>Prunus Amygdalus Dulcis (Sweet Almond) Oil</b>	<b>Emollient</b>	<b>5</b>	<b>ProTec Botanica</b>
10	<b>Floramac 10</b>	<b>Ethyl Macadamiate</b>	<b>Emollient volatile silicone feel</b>	<b>3</b>	<b>Floratech via ProTec Ingredia</b>
11	<b>Moringa Butter</b>	<b>Moringa Oil/Hydrogenated Moringa Oil Esters</b>	<b>Emollient</b>	<b>3</b>	<b>Floratech via ProTec Ingredia</b>
12	<b>Micropoly 250S</b>	<b>Polyethylene</b>	<b>Enhanced lubricity, soft creamy feel, soft focus, wrinkle filler</b>	<b>5</b>	<b>Micro Powders Via ProTec Ingredia</b>
13	<b>Phycojuvenine G</b>	<b>Glycerine (and) Water (and) Laminaria digitata extract</b>	<b>Active Ingredient</b>	<b>2</b>	<b>Codif Via ProTec Ingredia</b>

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**Method of Manufacture**

**Into the main vessel add:**

Water	Start the mixer on a fast speed.
<b>NOVAXAN 80T</b>	Add slowly into the vortex of the mixer.
GENUVISCO CG-131	Add slowly into the vortex of the mixer.
	Mix until completely homogenous and lump free.
1,3 Butylene Glycol Cosmetic	Mix until dispersed.
Euxyl® PE 9010	Mix until dispersed.
	Commence heating the main vessel to 75-80C.

**Into the premix vessel add:**

Motanov 68	
Octyldodecyl Stearoyl Stearate	
<b>Sweet Almond Oil</b>	
<b>Floramac 10</b>	
<b>Moringa Butter</b>	Commence heating the premix vessel to 75-80C

**When all the waxes have melted into the premix vessel add:**

Micropoly 250S	Mix until dispersed
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**When both vessels are at 75C-80C add the premix vessel into the main vessel**

**Homogenise for 5 minutes**

**Cool to 23C with moderate\slow stirring.**

**When the bulk is 40C into the main vessel add:**

Phycojuvenine G	Mix until dispersed
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**When the bulk is at 23C check the product specifications.**

**Product Specifications**

pH	5.50-6.50
Viscosity	15-25,000 cp RVT TBAR D, speed 5, 1minute
Colour	White
Appearance	Shiny, mobile emulsion