

## Natural Cream With Epidermist 4.0 PA

Specially formulated with natural ingredients. The blend of waxes and emollients have been optimised to produce low soaping product when applied to the skin. The formulation contains **EPIDERMIST 4.0** which has been shown to significantly improve epidermal renewal.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Water (1)	Aqua	Solvent	72.2	
2	<b>Polycos RS-STE</b>	<b>Oryza Sativa (Rice) Starch</b>	<b>Texture aid</b>	<b>2</b>	<b>POLYGAL AG Via ProTec Ingredia</b>
3	Keltrol RD	Xanthan Gum	Rheology Modifier	0.1	Azelis
4	GENUVISCO CG-131	Chondrus Crispus	Rheology Modifier	0.1	Azelis
5	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1.1	Schülke UK
6	<b>Emulpharma® 1000</b>	<b>Cetearyl Glucoside, Sorbitan Olivat</b>	<b>Emulsifier</b>	<b>5</b>	<b>Res Pharma Via ProTec Ingredia</b>
7	Eumulgin® SG	Sodium Stearoyl Glutamate	Emulsifier	2	BASF
8	Cetiol® MM	Myristyl Myristate	Consistency Factor	2.5	BASF
9	<b>Floramac® 10</b>	<b>Ethyl Macadamiate</b>	<b>Emollient</b>	<b>2</b>	<b>FloraTech Via ProTec Ingredia</b>
10	Surfac CS	Cetearyl Alcohol	Co-Emulsifier	4	Surfachem
11	Ceraphyl™ 847	Octyldodecyl Stearoyl Stearate	Cushion ester	1.5	IMCD
12	<b>Florasun® 90</b>	<b>Helianthus Annuus (Sunflower) Oil</b>	<b>Emollient</b>	<b>5</b>	<b>FloraTech Via ProTec Ingredia</b>
13	<b>ESSACHEM O</b>	<b>Octyldodecyl Olivat</b>	<b>Naturally derived ester</b>	<b>1.5</b>	<b>ESSA Via ProTec Ingredia</b>
14	<b>EPIDERMIST 4.0 PA</b>	<b>Water (and) Plankton extract (and) Phenethyl alcohol</b>	<b>Active Ingredient</b>	<b>1</b>	<b>Codif Via ProTec Ingredia</b>

ProTec Ingredia Ltd.

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Website: [www.protectingredia.com](http://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 moderate fast speed
<b>Polycos RS-STE</b>	Mix until dispersed
Keltrol RD	Add slowly avoiding clumping.
GENUVISCO CG-131	Add slowly avoiding clumping.
Euxyl® PE 9010	Increase mixer speed to fast.
	Mix until lump free and homogenous.

**Into the premix vessel add**

**Emulpharma® 1000**

Eumulgin® SG

CETIOL® MM

**Floramac® 10**

Surfac CS

Ceraphyl™ 847

**Florasun® 90**

**ESSACHEM O**

Commence heating the premix vessel to 75-80C

**When both vessels are at 75C-80C add the premix vessel into the main vessel**

**Homogenize for 5 minutes**

**After 5 minutes switch off the homogeniser**

**Commence cooling to 23C**

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

**EPIDERMIST 4.0 PA** Mix until homogenous.

**Cool to 23C and check the product specifications**

**Product Specifications**

pH	5.50-6.50
Viscosity	350,000-450,000cps LVT, TBAR D, Speed 2.5, 1 minute
Colour	Off-white
Appearance	Viscous cream

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