

Gel Cream With DERMOCHLORELLA DP and MICROPOLY 250S

A refreshing and lightweight Gel Cream. It has a dual effect on the signs of aging. On a cellular level **Dermochlorella DP** helps skin to find its tone and firmness again. Whilst on the skin surface **Micropoly 250S** provides a soft focus effect disguising fine lines and wrinkles.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Water	Aqua	Solvent	71.25	
2	Versene® NA2 Crystals	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3	Resplanta Olea	Olea Europaea PEG-8 Esters	Humectant	2	Res Pharma
4	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1.1	Schülke UK
5	Floviva Sweet Almond Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil	Emollient	5	ProTec Botanica
6	Crodamol IPP	Isopropyl Palmitate	Emollient	3	Croda
7	Emulpharma® IXL	Ceteth-2, Ceteareth-25, Lauryl alcohol, Cyclopentasiloxane, Myristyl alcohol	Emulsifier	3	Res Pharma
8	KEMOL FA 16	Cetyl Alcohol	Co-emulsifier	2	Kemcare
9	Crodamol SS	Cetyl Esters	Waxy emollient	2	Croda
10	ESSACHEM AR-5	Octyldodecyl Oleate (and) Argania Spinosa Kernel Oil	Emollient	2	ESSACHEM Via ProTec Ingredia
11	XIAMETER® PMX-0345	Cyclopentasiloxane (and) Cyclohexasiloxane	Emollient	2	Dow Corning
12	Micropoly 250S	Polyethylene	Lubricity, soft creamy feel, soft focus, wrinkle filler	5	Micro Powders Via ProTec Ingredia
13	Dermochorella DP	Aqua, Chlorella vulgaris, Phenoxyethanol	Active Ingredient	1	Codif Via ProTec Ingredia
14	Resil SP	Sodium Polyacrylate	Rheology Modifier	0.6	Res Pharma Via ProTec Ingredia

ProTec Ingredia Ltd.

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

Website: www.protecingredia.com

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

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Method of Manufacture

Into the main vessel add:

Aqua	Start the mixer on a fast speed.
Disodium EDTA	Mix until dissolved.
Resplanta Olea	Mix until dispersed.
Euxyl® PE 9010	Reduce the mixer speed to moderate.
	Commence heating the main vessel to 75-80C.

Into a suitable premix vessel add:

Crodamol IPP	
Sweet Almond Oil	
Emulpharma® IXL	
KEMOL FA 16	
Crodamol SS	
ESSACHEM™ AR-5	
Micropoly 250S	Commence heating the premix vessel to 75-80C.

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

Homogenise for 5 minutes

Into the main vessel add:

Cyclopentasiloxane (and) Cyclohexasiloxane

Homogenise for a further minute

Switch off the homogeniser and commence cooling the main vessel to 23C

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

Dermochorella DP	Mix until dispersed
Resil SP	Mix until dispersed

Homogenise until the product is completely smooth and lump free.

Cool to 23C and check the product specifications.

Product Specifications

pH	5.50-6.30
Viscosity	20-30,000cps RVT, TBARC, Speed 10, 1 minute
Colour	White
Appearance	Mobile, viscous cream.

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