

## Natural Cream With Phormiskin Bioprotech G & Dermochorella DP

A largely natural, rich cream with a high oil phase it is particularly effective for older skin. Phormiskin Bioprotech G improves the homogeneity and luminosity of the complexion, as well as the texture of the skin whilst Dermochorella DP targets dark circles and spider veins.

|    | Trade Name                 | INCI Name   | Function          | %W/W | Supplier                       |
|----|----------------------------|---|-------------------|------|--------------------------------|
| 1  | Water (1)                  | Aqua  | Solvent           | 72.2 |                                |
| 2  | Citric Acid (50% Solution) | Citric acid   | pH adjustment     | 0.02 |                                |
| 3  | Keltrol RD                 | Xanthan Gum   | Rheology Modifier | 0.1  | Azelis                         |
| 4  | GENUVISCO CG-131           | Chondrus Crispus  | Rheology Modifier | 0.1  | Azelis                         |
| 5  | Resplanta® Karite          | Shea butter glycereth-8 esters                                      | Humectant         | 1    | Res Pharma Via ProTec Ingredia |
| 6  | Euxyl® PE 9010             | Phenoxyethanol, Ethylhexylglycerin                                  | Preservative      | 1    | Schülke UK                     |
| 7  | Sisterna SP70-C            | Sucrose Stearate  | Emulsifier        | 2    | Sisterna BV                    |
| 8  | GMS 90                     | Glyceryl Stearate   | Emulsifier        | 3    |                                |
| 9  | Floramac® Macadamia Oil    | Macadamia Integriifolia Seed Oil                                    | Emollient         | 12   | FloraTech Via ProTec Ingredia  |
| 10 | Floraesters® 15            | Jobaba esters   | Emollient         | 6    | FloraTech Via ProTec Ingredia  |
| 11 | Surfac CS                  | Cetearyl Alcohol  | Co-Emulsifier     | 8    | Surfachem                      |
| 12 | Saboderm TCC               | Caprylic/Capric Triglyceride  | Emollient         | 12   | IMCD                           |
| 13 | Flovia Jojoba Oil          | Simmondsia Chinensis (Jojoba) Seed Oil                              | Emollient         | 6    | ProTec Botanica                |
| 14 | Phormiskin Bioprotech G    | Glycerin, Maris Aqua, Phormidium Persicinum                         | Active Ingredient | 2    | Codif Via ProTec Ingredia      |
| 15 | Dermochorella DP           | Aqua, Chlorella vulgaris extract Chlorella vulgaris, Phenoxyethanol | Active Ingredient | 1    | Codif Via ProTec Ingredia      |

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## Method of Manufacture

### Into the main vessel add:

|                    |   |
|--------------------|---|
| Purified Water (1) | Start the mixer on a moderate fast speed.                     |
| Citric acid        | Mix until dispersed.  |
| Keltrol RD         | Add slowly avoiding clumping. Increase mixer speed to fast.   |
| GENUVISCO CG-131   | Add slowly avoiding clumping. Mix until clear and homogenous. |
| Resplanta® Karite  | Mix until dispersed.  |
| Euxyl® PE 9010     | Mix until dispersed.  |

### Commence Heating the main vessel to 70-75C.

### Into the premix vessel add:

Sisterna SP70-C

GMS 90

Floramac® Macadamia Oil

Floraesters® 15

Surfac CS

SABODERM TCC

Flovia Jojoba Oil

### Commence heating the premix vessel to 75-80C.

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

### Mix at a fast speed for 5 minutes.

### After 5 minutes reduce the mixer speed to moderate.

### Commence cooling to 60C.

### When the bulk is 60C Homogenise for 5 minutes.

### After 5 minutes switch if the homogeniser .

### Commence cooling to 23C with moderate/slow mixing.

### When the bulk is 40C or below add:

|                         |                       |
|-------------------------|-----------------------|
| Phormiskin Bioprotech G | Mix until homogenous. |
| Dermochlorella DP       | Mix until homogenous. |

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

## Product Specifications

|            |   |
|------------|---|
| pH         | 5.30-5.70   |
| Viscosity  | 130,000-180,000cps LVT, TBAR D, Speed 2.5, 1 minute |
| Colour     | Off-white   |
| Appearance | Viscous cream                                       |

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