

PROTECTING DAY CREAM

15.048.01 C170

- Claims:**
- Soft texture
 - First wrinkles remover
 - Preservative free

PHASE	INGREDIENT	INCI NAME	SUPPLIER	%
A	Deionized Water	Water	-	63.60
	Dermofeel® PA-3	Sodium Phytate (and) Water (and) Alcohol	Dr Straetmans	0.10
	Unicert Red 07004-J Solution 0.1%	Water (and) CI 14700	Sensient® Cosmetic technologies	0.30
	Dermosoft® LP	Caprylyl Glycol (and) Glyceryl Caprylate (and) Glycerin (and) Phenylpropanol (and) Water	Dr Straetmans	1.00
B	Glycerin	Glycerin	Interchimie	5.00
	Satiaxane™ CX 911	Xanthan Gum	Cargill	0.30
	Amigel®	Sclerotium Gum	Alban Muller	0.30
C	Amisol™ Soft	Behenyl Alcohol (and) Glyceryl Stearate (and) Lecithin (and) Glycine Soja (Soybean) Sterols	Lucas Meyer Cosmetics	4.00
D	Dub Inin	Isononyl Isononanoate	Stearinerie Dubois	7.00
	Crodamol™ W	Stearyl Heptanoate (and) Stearyl Caprylate	Croda	5.00
	Dermofeel® GSC	Glyceryl Stearate Citrate	Dr Straetmans	1.00
	BRB DM 5	Dimethicone	BRB	4.00
	Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	VitaeNaturals	0.20
E	Riboxyl™	Ribose	Lucas Meyer Cosmetics	1.00
	Exo-P™	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	Lucas Meyer Cosmetics	1.00
	Deionized Water	Water	-	2.00
F	Suprem™ WP Olive	Water (and) Olea Europaea (Olive) Fruit Oil (and) Lecithin (and) Polyglyceryl-3 Diisostearate (and) Glycerin (and) Glyceryl Stearate	Lucas Meyer Cosmetics	2.00
G	SJ Touch 1	Polymethyl Methacrylate	Azelis	2.00
H	Eclat 4008	Fragrance	Vanessence	0.20

Manufacturing Procedure:

1. Heat A and D up to 70-75°C.
2. Add premix B into A and stir until the gel is fully developed.
3. Add C into AB.
4. Keep ABC at 70-75°C under slow stirring for 20 minutes to hydrate phospholipids.
5. Add D into ABC under medium stirring and keep stirring rate for 5 minutes to emulsify.
6. Increase stirring rate up to maximum level for 3 minutes to homogenize the emulsion.
7. Cool down under medium stirring.
8. Blend E until the phase is homogeneous.
9. Add E, F, G and H below 40°C.
10. Adjust the pH if necessary.

Formula Specifications:

Aspect: Pink cream
 Viscosity (Rheo ELV 8, spindle 4, 6 rpm, 3 min): 20 000 - 30 000 cP
 pH: 5.0 - 5.5
 Preservative efficacy test: Pass
 Pilot batch: 43 kg

Stability Tests: On lab batch up to 2 kg
 Up to 1 month at 50°C
 Up to 3 months at: Room Temperature, 4-8°C and 45°C
 Centrifugation (3000 rpm, 20 min): Stable