

Development Formulation

Sun-kissed complexion DD cream with AMBERSTEM™ (*) and VENUCEANE™ (**)

SE0112J

(*) Patent pending

(**) Patent N° FR 2 821 086 - FR 3 004 351 - WO 2014/170801 - WO 02/066668 - EP 1 392 840

This Daily Defence cream with **Amberstem™** and **Venuceane™** is a perfect multi-benefit foundation for olive-toned skin. Thanks to its anti-inflammatory and antioxidant properties, **Amberstem™** helps fade hyperpigmented areas and fights against dull skin in the long term. It is supported by **Venuceane™** that protects skin against both UV and IR photodamage. In the short term, the association of Moonshine® pigments provides a well-balanced and even complexion to olive skin. **Solaveil™ XTP1** provides a good level of UVA protection. **Cithrol™ PG32IS** uses a cold process and delivers a cooling water sensation. **Crodamol™ ISIS** and **Crodamol™ GTCC** also add moisturisation. **Midsummer Night Dream Oil** is composed of 7 authentic and prestigious flowers that bring moisture and comfort but also sensuality to this DD cream. This formulation could be Halal certified as only Halal approved ingredients are used. This cold processed, silicone free, DD cream enables olive skin to restore its sun-kissed complexion.

Ingredient/INCI Name	Functionality	% w/w
Part A		
Water Deionised (Aqua)	-	To 100
Magnesium Sulfate	Salt	1.00
Potassium Sorbate	Preservative	0.10
Part B		
Pentylene Glycol	Humectant	3.00
Solaveil™ XTP1 (Titanium Dioxide (and) Stearic Acid (and) Alumina) ¹	Sunscreen	3.00
Veegum® Ultra (Magnesium Aluminum Silicate) ⁵	Rheology modifier	1.30
Phenoxyethanol	Preservative	0.80
Xanthan Gum	Rheology modifier	0.70
Part C		
Amberstem™ ²	Skin complexion beautifying agent	2.00
Part D		
Venuceane™ ²	Anti-UV+IR photo damage active	3.00
Part E		
Moonshine® Metallic Gold Ultra Shimmer (Calcium Sodium Borosilicate (and) Titanium Dioxide CI 77891 (and) Iron oxide CI 77491 & Tin Oxide) ¹	Pigment	1.00
Moonshine® Bronze Ultra Shimmer (Calcium Sodium Borosilicate (and) Iron Oxide CI 77891) ¹	Pigment	0.10
Moonshine® Ultra Golden Yellow Sparkle (Calcium Sodium Borosilicate (and) Titanium dioxide CI77891 & FD&C Yellow#5 Aluminum Lake CI 19140 & Tin Oxide) ¹	Pigment	0.10
Moonshine® Russet Ultra Shimmer (Calcium Sodium Borosilicate (and) Iron Oxide CI 77891) ¹	Pigment	0.10
Part F		
Squalane	Emollient	9.00
Crodamol™ GTCC (Caprylic/Capric Triglyceride) ¹	Emollient	5.00
Crodamol™ ISIS (Isostearyl Isostearate) ¹	Emollient	3.00
Cithrol™ PG32IS (Polyglyceryl-3 Diisostearate) ¹	W/O emulsifier	2.00
Cithrol™ DPHS (PEG-30 Dipolyhydroxystearate) ¹	W/O emulsifier	1.00
Covapate Unibrown LC8781 (CI 77491 (and) CI 77492 (and) CI 77499 (and) Ricinus Communis Oil) ⁶	Colourant	0.08
Part G		

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SEDERMA

sederma

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Midsummer Night's Dream Oil (Glycine Soja (Soybean) Oil, Jasminum officinale (Jasmine) Flower Extract, Paeonia officinalis Flower Extract, Prunus serrulata Flower Extract, Citrus aurantium amara (Bitter orange) Flower Extract, Lavandula angustifolia (Lavender) Flower Extract, Sambucus nigra Flower Extract, Rosa damascena Flower Oil) ³	Botanical oil	1.00
Rosalla 264281 E ⁴	Fragrance	0.10

Suppliers: 1: **Croda** 2: **Sederma** 3: **Crodarom** 4: Firmenich 5: R.T. Vanderbilt 6: Sensient

Procedure:

Weigh Part A and mix. Weigh Part B and mix. Pour Part B into Part A with normal rotor stator stirring. Add Part C with normal rotor stator stirring. Add Part D to the previous part, stir well. Weigh Part E, stir well. Weigh Part F, stir well and melt on a hot plate around 40°C. Weigh and add part G into part F after cooling it to ambient temperature. Add part F+G to the previous part with rapid stator stirring.

Appearance: Beige opaque fluid cream; Viscosity: 12.000 cps \pm 10% Sp.93, 2.5rpm, 1 min, 25°C, Brookfield DV-I Prime
Stability: 3 months at 4°C, 25°C, 40°C and 1 month at 50°C
Centrifuge 10min @ 3000rpm and 1 x -80°C/+25°C 24 hours freeze-thaw cycle and autoclave 20min @120°C

Keltrol® is a registered trademark of CP Kelco, a Huber Company
Veegum® is a registered trademark of R.T. Vanderbilt Company, Inc.

This formulation was developed in France. Contact your local sales representative with enquiries as ingredient availability can vary by region.

Non-warranty

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