

Development Formulation

Youth-morphing refreshing day cream with Matrixyl® Morphomics™(*)
(*)Patent Pending

SE0028Q

The special combination of Volarest™ FL and Arlancel™ LC in addition to Crodamol™ W and Crodamol™ MM creates a refreshing sensation with a fluid texture that leaves the face smooth and comfortable. By influencing dermal morphology and rebooting the skin's connections, Matrixyl® Morphomics™ constitutes an unprecedented way of combating wrinkle appearance. Crodarom® Coralline™ also adds a touch of freshness and energy. It's time to shape the skin's future with this fresh day cream that offers a global rejuvenating effect.

Ingredient/INCI Name	Functionality	% w/w
Part A		
Water Deionised (Aqua)		To 100
Volarest™ FL (Acrylates/Beheneth-25 Methacrylate Copolymer) ¹	Rheology modifier	0.90
Part B		
Glycerin	Humectant	5.00
Phenoxyethanol	Preservative	0.80
Arlancel™ LC (Sorbitan Stearate (and) Sorbityl Laurate)	W/O emulsifier	2.80
Part C		
Crodamol™ W (Stearyl Heptanoate (and) Stearyl Caprylate) ¹	Emollient	7.50
Crodamol™ MM (Myristyl Myristate) ¹	Emollient	5.00
Crodamol™ SFX (PPG-3 Benzyl Ether Ethylhexanoate) ¹	Emollient	1.00
Tween™ 20 (Polysorbate 20) ¹	Emulsifier	1.50
Part D		
Potassium Sorbate	Preservative	0.10
Part E		
Crodarom® Coralline™ (Water (and) Glycerin (and) Corallina Officinalis Extract) ³	Refreshing and energising botanical	1.00
Part F		
Water Deionised (Aqua)		0.70
Sodium Hydroxide 30%	pH Adjuster	0.07
Part G		
Intense Glow 478523 ⁴	Fragrance	0.10
Part H		
Matrixyl® Morphomics™ (Water (Aqua) (and) Pentylene Glycol (and) Caprylyl Glycol (and) N-Prolyl Palmitoyl Tripeptide-56 Acetate) ²	Anti-ageing active	2.00

Suppliers: 1: Croda 2: Sederma 3: Crodarom 4: Firmenich

Procedure:

Weigh Part A and mix. Weigh Part B and mix. Pour Part B into Part A with rotor stator stirring (s=600 rpm) at 75°C in Bain-Marie. Weigh Part C and heat at 75°C in Bain-Marie. Add Part C into Part A+B, with rapid rotor stator stirring (s=1400 rpm). Weigh and add Part D to the previous part, stir well. Weigh and add Part E to the previous part, stir well. Weigh Part F, stir well. Adjust pH above 6.50 with Part F, stir well. Weigh and add Part G to the previous part, stir well. Add Part H to the previous part, stir well.

Appearance: White opaque emulsion medium viscous; pH: 6.20± 0.5; Viscosity: 70.000 ± 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 hour freeze-thaw cycle and autoclave 20min @120°C

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

Non-warranty

The information in this publication is believed to be accurate and is given in good faith, but no representation or warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representation or warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties of merchantability, fitness for a particular purpose, non-infringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and designs. Any trademarks identified herein, unless otherwise noted, are trademarks of the Croda group of companies.

©2017 Croda International Plc

www.sederma.com stederma@stederma.fr

www.crodarom.com marketing@crodarom.fr

www.crodapersonalcare.com

Asia Pacific pc-asia@croda.com

Europe, Middle East & Africa pc-europe@croda.com

Latin America marketinglatam@croda.com

North America marketing-usa@croda.com

01/17PCSDFF0034V1EN

Page 1 of 1

SEDERMA

stederma