

## Development Formulation

## Repair and Rejuvenate Natural Night Cream

CH0067

Multi-faceted products are highly sought after by consumers. This night cream works to repair the poretic structures of the skin using **Prodizia™** to help reduce signs of fatigue. Complimentary to this, **Fruitliquid™ Kumquat** helps brighten and reenergise the skin using natural sugars and organic acids. **Crodamol™ ISIS** provides optimum hydration and helps create a barrier to retain moisture. The sensory of this formulation is achieved through the 100% naturally derived **NatraGem™ EW** which helps create thick rich cream whilst being non-whitening.

Ingredient/INCI Name	Functionality	% w/w
<b>Part A</b>		
<b>Crodamol SSA</b> (Decyl Isostearate (and) Isostearyl Isostearate) <sup>1</sup>	Emollient	7.50
<b>Crodamol IPIS</b> (Isopropyl Isostearate) <sup>1</sup>	Emollient	7.50
<b>Crodamol ISIS</b> (Isostearyl Isostearate) <sup>1</sup>	Emollient	5.00
<b>NatraGem EW</b> (Glyceryl Stearate (and) Polyglyceryl-6 Palmitate/Succinate (and) Cetearyl Alcohol) <sup>1</sup>	O/W Emulsifier	5.00
<b>Part B</b>		
Water Deionised (Aqua)	-	To 100
Glycerin <sup>4</sup>	Humectant	3.00
Sodium Benzoate <sup>5</sup>	Preservative	0.30
Potassium Sorbate <sup>5</sup>	Preservative	0.20
Keltrol CG-T (Xanthan Gum) <sup>6</sup>	Thickener	0.15
<b>Part C</b>		
<b>Fruitliquid Kumquat</b> (Aqua (and) Glycerin (and) Citrus Japonica Fruit Extract) <sup>2</sup>	Radiance Booster	2.00
<b>Prodizia</b> (Glycerin (and) Albizis Julibrissin Barj extract) <sup>3</sup>	Promotes a visible reduction of cutaneous signs of fatigue caused by glycation and glycooxidation	2.00

Suppliers: 1: **Croda** 2: **Crodarom** 3: **Sederma** 4: Cargill 5: Sigma 6: CP Kelco

**Procedure:**

Premix the Xanthan Gum and glycerin. Add water with stirring. Once fully hydrated heat Part A & Part B to 75-80°C. Add Part A to Part B with stirring. Homogenise for 1 min/200g (10,000 rpm). Stir to cool. Once below 40°C add Part C.

Appearance: White emulsion; pH: 5.5 ± 0.5; Viscosity: 15,750cPs ± 10% (Brookfield DV-1+, Spindle 27, 5 rpm, 1 min, room temperature)

Stability: 3 months at 4°C, 25°C, 40°C, 45°C and 50°C and 7 x -10/+40°C 24 hour freeze thaw cycles

Keltrol is a registered trademark of CP Kelco.

This formulation was developed in Europe. 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.  
©2018 Croda International Plc

[www.crodapersonalcare.com](http://www.crodapersonalcare.com)

Asia Pacific [pc-asia@croda.com](mailto:pc-asia@croda.com)  
Europe, Middle East & Africa [pc-europe@croda.com](mailto:pc-europe@croda.com)

Latin America [marketinglatam@croda.com](mailto:marketinglatam@croda.com)  
North America [marketing-usa@croda.com](mailto:marketing-usa@croda.com)

07/22PCEDF1996v4EN  
Page 1 of 1