

Development Formulation

NATRUE Anti-Ageing Fresh Burst W/O Face Cream

CH0195

This vegan-suitable* W/O cream has at least 98.6% Natural Origin content (according to ISO 16128) and is made with NATRUE suitable ingredients. **Cithrol® PGTL**, a 100% biobased high-performance W/O emulsifier creates a fresh, easy spreading sensory with non-tacky afterfeel. **Crodamol® ISIS** works in synergy with the natural skin barrier to optimise its water holding capacity. **Mëiritage™** targets three signs of ageing: dehydration, wrinkles and hyperpigmentation **Majestem®** protects against oxidative stress (air pollution, UV radiation) and recreates skin tension. It also provides an incredible lifting effect on both the face and neck as well as smoothing out crow's feet wrinkles

**can be considered to be generally suitable for vegan; however, as there is no single agreed definition nor a standard, global certification, if you are interested in making a vegan claim, please request our Vegan Suitability statement for specifics on this product, and compare to the certification(s) you are seeking to meet.*

Ingredient/INCI Name	Functionality	% w/w
Part A		
Water Deionised (Aqua)	-	To 100
Glycerin ²	Humectant	4.00
Magnesium Sulfate Heptahydrate ³	Emulsion Stabiliser	0.80
Sodium Benzoate ³	Preservative	0.30
Potassium Sorbate ³	Preservative	0.20
Part B		
Crodamol® ISIS (Isostearyl Isostearate) ¹	Moisturising Emollient	7.50
Prunus Amygdalus Dulcis (Sweet Almond) Oil) ¹	Elegant feel emollient	7.50
SP Cithrol® PGTL MBAL (Tri(Polyglyceryl-3/Lauryl) Hydrogenated trilinoleate) ¹	W/O Emulsifier	1.00
Part C		
Mëiritage™ (Glycerin (and) Astragalus Membranaceus Root Extract (and) Atractylodes Macrocephala Root Extract (and) Bupleurum Falcatum Root Extract) ¹	Anti-ageing active targeting dehydration, wrinkles and hyperpigmentation	3.00
Majestem® (Glycerin (and) Leontopodium Alpinum Callus Culture Extract (and) Xanthan Gum) ¹	Neck and face lifting active	2.00

Suppliers: 1: **Croda** 2: Cargill 3: VWR Chemicals

Procedure:

Combine Part A and adjust pH to 5.0-5.5. Combine Part B separately and heat both Part A and B separately to 70 – 75 °C. Add Part A to Part B slowly, with vigorous stirring (700 rpm) until the formation of an emulsion. Homogenise (Ultra turrax, 10000 rpm, 30sec/100g) to thicken the emulsion. Cool with stirring. Once below 35 °C, add part C and stir until homogenous.

Appearance: White cream; pH: 5.25 ± 0.5; Viscosity: 51500cP ± 10% (Brookfield DV2T Viscometer, Spindle 6, 10rpm, 25°C, measured after 1 min)

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

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

Non-warranty

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