

Development Formulation

Soothing Peach Flower Cream

CH0047

This soft and luxurious cream with the colour and scent of a peach flower contains **Phytessence™ Peach Flower**, an extract that fights against oxidative stress induced by atmospheric pollution. **Pacifeel™** brings to this soft cream its ability to alleviate skin discomfort and visibly fade redness, while improving skin's resilience against aggressions to provide a long term, reinforced protection. The combination of solid emollients, along with **Incroquat™ Behenyl TMS-50**, allows the formulation to hold its shape, meaning it could be packaged in a tube or pump that has a nozzle that allows it to form a flower shape when it is dispensed.

Ingredient/INCI Name	Functionality	% w/w
Part A		
Seatons Shea Nut Butter (Butyrospermum Parkii (Shea) Butter) ¹	Structuring agent	8.00
Crodamol™ PC (Propylene Glycol Dicaprylate/Dicaprate) ¹	Spreading emollient	8.00
Crodamol CP (Cetyl Palmitate) ¹	Dry emollient	6.50
Crodamol SS (Cetyl Esters) ¹	Structuring agent	6.50
Crodacol™ CS50 (Cetostearyl Alcohol) ¹	Structuring agent	4.00
Incroquat Behenyl TMS-50 (Behentrimonium Methosulfate (and) Cetyl Alcohol (and) Butylene Glycol) ¹	O/W emulsifier	3.00
Crodamol SSA (Decyl Isostearate (and) Isostearyl Isostearate) ¹	Soft, velvety emollient	2.00
Vitamin E Acetate	Antioxidant	0.10
Part B		
Water Deionised (Aqua)	-	To 100
Pricerine™ 9091 (Glycerin) ¹	Humectant	2.00
Part C		
Pacifeel (Butylene Glycol (and) Propanediol (and) Mirabilis Jalapa Extract) ³	Soothing active	3.00
Phytessence Peach Flower (Glycerin (and) Aqua (and) Prunus Persica (Peach) Flower Extract) ²	Anti-pollution botanical	1.00
Euxyl PE 9010 (Phenoxyethanol (and) Ethylhexylglycerin) ⁴	Preservative	0.80
Fragrance A343710 (Parfum) ⁵	Fragrance	0.20
Part D		
Yellow dye 0.03% w/w solution (CI 19140)	Colour	1.10
Red dye 0.12% w/w solution (CI 16035)	Colour	1.00
Part E		
Sodium hydroxide 10% w/w solution	pH adjustment	To pH 5.5-6.5

Suppliers: 1: Croda 2: Crodarom 3: Sederma 4: Schülke 5: Ungerer

Procedure:

Separately combine Part A and Part B ingredients and heat to 80-85°C. Add Part A to Part B with stirring until uniform. Allow to cool with stirring. Once below 45°C add Part C and homogenize with Ultra Turrax 30s/100g at 10,000rpm. Add Part D ingredients with stirring and ensure it is homogenous. Check pH and if necessary, adjust pH to 5.5 to 6.5 with 10% sodium hydroxide solution.

Appearance: Pink/peach coloured emulsion; pH: 6.47 ± 0.5; Viscosity: 116000 cP ± 10% (Brookfield DV-II+, spindle D, 10 rpm, 1 minute, ambient.)

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

Euxyl is a registered trademark of Schülke

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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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