

## O/W Cream (Face or body)

### Ingredients

Phase	%w/w input	Ingredient
A	57.50	Water
A	10.00	Rose hydrosol
A	0.20	Sodium phytate (Dermofeel PA-3)
B	5.00	Propanediol
B	0.30	Xanthan gum
C	1.50	Stearic acid
C	5.00	Cetearyl Alcohol, Cetareth-20 (Emulgade 1000 NI)
C	5.00	Coco-Caprylate (Cetiol C5)
C	1.00	Evening primrose oil
C	5.00	Lauryl laurate (Purester 24)
D	0.90	Naticide
D	2.00	Alpha-Arbutin
D	5.00	Vitamin B3 (Niacinamide)
D	1.00	Licorice extract - glycerin
D	0.60	Tocopherol - d-alpha 70%
	q.s.	pH Adjuster

### Method

1. Measure out phase A.
2. Combine phase B to form a slurry. Add to phase A and stir through until a homogenous gel forms.
3. Heat phase A/B to 75°C. Combine phase C and heat to 75°C. Add phase C to phase A/B under high shear stirring and mix until a smooth, glossy, homogenous emulsion forms.
4. Allow mixture to cool under low shear stirring until <40°C. Add phase D and stir through under low shear until homogenous.
5. Allow to cool <25°C. Check/adjust final pH to 5 - 5.5. Product will need overnight to thicken fully, do not evaluate it on the day you make it. Cover and give a final stir the next day before pouring off.



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**Disclaimer:** This formula and method has been developed based on the theoretical selection of listed ingredients; all costs associated with producing a sample of this product is the user's responsibility including any reworks or fails. IPCS recommends a 100g lab scale sample be made and pilot production prior to full scale production.

Please refer to supplier Safety Data Sheets (SDS/MSDS) to ensure safe handling of all raw materials. IPCS holds no responsibility for inappropriate use of materials selected, the formulation or method, in part or as a whole.

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