

Prebiotic night cream

[Log Out](#) [Return to dashboard](#)

[Back](#)

O/W Cream (Face or body)

Ingredients

Phase	%w/w input	Ingredient
A	68.50	Water
B	5.00	Propanediol
B	0.50	Xanthan gum
C	0.50	Sodium Stearoyl Glutamate (Eumulgin SG)
C	6.00	Cetearyl Olivatate, Sorbitan Olivatate (Olivem 1000)
C	5.00	Coco-Caprylate (Cetiol C5)
C	2.00	Cupuacu butter
C	3.00	Avocado oil
D	0.80	Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid (Geogard ECT)
D	0.10	Chamomile German (Chamomilla Recutita) flower essential oil
D	5.00	Inulin, alpha-glucan, oligosachcaride (Biolin/P)

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D	1.00	Olive leaf extract - glycerin
D	1.00	Bearberry extract - glycerin
D	1.00	Gotu kola extract - glycerin
D	0.60	Tocopherols - mixed
	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.

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.

It is a condition of use of this formula and method that the user holds full responsibility for ensuring safe and correct use and storage of any materials they source and use, as well as ensuring compliance with local regulations and 'clean product preparation' steps are followed when producing samples, especially for use by others. Evaluations of the safety, stability and suitability of this formula, method and finished product are the sole responsibility of the user.

The information provided on this site is of a theoretical and general nature and does not represent brand or product specific advice. IPCS shall not be responsible for any damages resulting from use of or reliance on this information.

INCI names provided on this site are used as a guide to assist with selections and product descriptions. Users will need to source and check full material information from their suppliers and prepare compliant ingredient lists specific to the materials they actually use.

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