

Anti acne face cream
O/W Cream (Face or body)

Ingredients

Phase	%w/w input	Ingredient
A	75.80	Water
B	5.00	Propanediol
B	0.80	Hydroxyethylcellulose
C	1.00	Stearic acid
C	4.00	Cetearyl Alcohol, Cetearyl Glucoside (Montanov 68/Emulgade PL68/50/ SugarMulse)
C	7.00	Dicaprylyl carbonate (Cetiol CC)
C	1.00	Olive oil
D	1.00	Phenoxyethanol, Ethylhexylglycerin (Euxyl PE9010)
D	0.05	Spearmint (Mentha spicata) leaf essential oil
D	0.05	Tea tree lemon scented (Leptospermum citratum) leaf essential oil
D	0.50	Allantoin
D	3.00	Epilobium Fleisheri extract, glycerin (Alpa Flor Alp-Sebum)
D	0.10	White willow bark extract - glycerin
D	0.10	Witch hazel extract - glycerin
D	0.60	Tocopherols - mixed
	q.s.	pH Adjuster

Method

1. Measure out phase A.
2. Add phase B to phase A and stir through under high shear. Adjust pH>8 and stir to form gel OR high shear until a smooth 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 4.8 - 5.3. 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 packing 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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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.