

O/W Lotion

Mens after shaving lotion

Ingredients

Phase	%w/w input	Ingredient
A	78.70	Water
B	5.00	Propanediol
B	0.30	Xanthan gum
C	4.00	Cetearyl Oliviate, Sorbitan Oliviate (Olivem 1000)
C	6.00	Caprylic/Capric Triglycerides (Myritol 318)
C	2.00	Avocado oil
D	0.80	Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid (Geogard ECT)
D	0.10	Peppermint (Mentha piperita) leaf essential oil
D	0.20	Allantoin
D	0.50	Bisabolol
D	1.00	Chamomile extract - glycerin
D	1.00	Calendula extract - glycerin
D	0.40	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 4.8 - 5.3. Product will need overnight to set fully, so don't 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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