

## Face wash (foaming)

Energising mens face wash

### Ingredients

Phase	%w/w input	Ingredient
A	62.70	Water
A	0.50	Polyquaternium-7 (Merquat 550PR)
A	0.20	Disodium EDTA
A	1.50	Ginseng extract - glycerin
A	1.50	Goji berry extract - glycerin
B	10.00	Sodium lauryl sarcosinate (30% surfactant)(Medialan LD)
B	10.00	Cocamidopropyl Betaine (30% surfactant) (Genagen CAB 818)
B	1.50	Coco-Glucoside (52%) (Plantacare 818UP)
C	3.00	Polysorbate 20 (Liposorb L-20)
C	0.30	Macadamia oil
C	0.20	Lemon myrtle (Backhousia citriodora) leaf essential oil
C	0.10	Tocopherols - mixed
D	7.00	Propanediol
D	0.70	Xanthan gum
E	0.80	Phenoxyethanol, Ethylhexylglycerin (Euxyl PE9010)
	q.s.	pH Adjuster



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## Method

1. Combine phase A. Stir under low shear until homogenous.
2. Combine phase B. Add phase B under low shear to phase A. Take care not to introduce too much air/foam while mixing.
3. Combine phase C. Add phase C to phase A/B slowly and stir through under low shear until homogenous. Take care not to introduce too much air/foam while mixing.
4. Combine phase D. Add to phase A/B/C and stir through under low shear until homogenous. Take care not to introduce too much air/foam while mixing.
5. Add phase E and stir through until homogenous. Take care not to introduce too much air/foam while mixing.
6. Check/adjust pH to 5.3 - 5.8. Allow excess foam to settle completely 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.

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