

Creamy Shaving Foam for Foamer Pump Bottle

Phase A	Weight %	For 240 g / 8.5 oz
Distilled Water	61.1 %	147 g / 5.2 oz
Ceteareth-20	3 %	7.2 g / 0.3 oz
Cetyl Alcohol	1 %	2.4 g / 0.09 oz
Phase B		
PEG-7 Glyceryl Cocoate	2 %	4.8 g / 0.2 oz
Coco Betaine	14 %	34 g / 1.2 oz
Grapeseed Oil	2 %	4.8 g / 0.2 oz
Glycerin	5 %	12 g / 0.4 oz
Dimethicone	0.5 %	1.2 g / 0.1 oz 1/2 tsp
Phase C		
Distilled Water	10 %	24 g / 0.9 oz
Allantoin	0.2 %	0.5 g / 0.02 oz (1/4 tsp)
Paraben-DU	1 %	12.4 g / 0.1 oz 50 drops
Fragrance	0.2 %	0.5 g / 0.02 oz 10 drops

Method

Melt phase A in a glass beaker at 160F/70C, stir to mix the ingredients, remove from the heat. Add phase B one by one to phase A by gentle stirring. Dissolve the allantoin in the distilled water of phase C then add to phase A/B. Add the remaining ingredients of phase C to phase A/B and stir. Fill the liquid into the foamer pump bottle.

Properties

The foaming bottle produces a creamy foam ideal for shaving, the formula can be used for men or women depending on the fragrance used. The allantoin has anti-inflammatory properties and soothes the skin.