

Face Moisturizer with Proteins & Sunprotection (o/w), SPF 12-16

Phase A	Weight %	For 240 g / 8.5 oz
Warm Distilled Water	65 %	156 g / 5.6 oz
Titanium Dioxide (micronized)	3 %	7.2 g / 0.3 oz
Xanthan Gum	0.5 %	1.2 g / 0.04oz (1/2 tsp)
Sorbitol or Glycerin	2 %	4.8 g / 0.2 oz
Aloe Vera	5 %	12 g / 0.4 oz
ETDA	0.2 %	0.5 g / 0.02 oz (1/4 tsp)
Phase B		
Triglyceride	8 %	19.2 g / 0.7 oz
OM-Cinnamate	4 %	9.6 g / 0.3 oz
Ceteareth-20	3 %	7.2 g / 0.2 oz
Vitamin E Acetate	1 %	2.4 g / 0.1 oz
Cetyl Alcohol	3 %	7.2 g / 0.3 oz
Stearic Acid	2 %	4.8 g / 0.2 oz
Phase C		
Wheat Protein	2 %	4.8 g / 0.2 oz
Paraben-DU	1 %	2.4 g / 0.1 oz
Fragrance	0.3 %	0.7 g / 0.03oz (16 drops)

Method

Give phase A into a clean and disinfected glass beaker, sprinkle xanthan gum into it and stir with high speed. Heat phase B in a separate glass beaker to 150F/66C. Add phase B to phase A and stir until homogenous. After the temperature has cooled to 100F/40C add phase C to A/B and stir again.

Properties

This sunscreen lotion provides UVA and UVB protection.