

Jojoba Hand Cream with Provitamin B5 (o/w)

(Sample Recipe for Sorbitan Stearate)

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Phase A	Weight %	For 240 g /8.5 oz
Jojoba Oil (emollient)	17 %	40.8 g / 1.5 oz / 2 Tbsp 2 tsp
Sorbitan Stearate (emulsifier)	1 %	2.4 g / 0.1 oz / 3/4 tsp
Polysorbate 60 (emulsifier)	2 %	4.8 g / 0.2 oz / 1 tsp
Cetyl Alcohol (thickener/emollient)	2 %	4.8 g / 0.2 oz / 1 3/4 tsp
Stearic Acid (emulsifier)	3 %	7.2 g / 0.23 oz / 3/4 Tbsp
Phase B		
Hot Distilled Water (diluent)	68 %	163 g / 5.8 oz / 2/3 cup
Glycerin (humectant)	3 %	7.2 g / 0.23 oz / 1 1/2 tsp
Xanthan Gum (thickener)	0.5 %	1.2 g / 0.05 oz / 1/2 tsp
Phase C		
Allantoin (antiinflammatory agent)	0.2 %	0.5 g / 0.02 oz / 1/8 tsp
Provitamin B5 (healing, soothing agent)	2 %	4.8 g / 0.2 oz / 1 tsp
Paraben-DU (preservative)	1 %	2.4 g / 0.1 oz / 50 drops
Fragrance	0.3 %	0.7 g / 0.03 oz / 15 drops

Method

Add phase A into a disinfected, heat-resistant glass beaker and heat to 150oF/66oC to melt the ingredients. Add phase B into a separate beaker and stir very well to dissolve the xanthan gum. Add phase A to B and stir until it is a homogenous cream. After temperature has dropped below 100oF/38oC add phase C in order and stir again.

Properties

Rich hand cream that contains moisturizing jojoba, soothing provitamin B5 and allantoin. Treat your hands with something good.