

Aloe Vera Body Lotion

(Sample Recipe for Aloe Vera)

Aloe Vera Body Lotion (o/w)		
Phase A	Weight %	For 240 g / 8.5 oz
Almond Oil (emollient)	7 %	16.8 g / 0.6 oz / 1 Tbsp
Jajoba Oil (emollient)	5 %	12 g / 0.4 oz / 2 1/2 tsp
Sorbitan Stearate (emulsifier)	1.5 %	3.6 g / 0.1 oz / 1/4 tsp
Polysorbate 60 (emulsifier)	3 %	7.2 g / 0.2 oz / 1 1/2 tsp
Shea Butter (emollient)	2 %	4.8 g / 0.2 oz / 1 1/4 tsp
Cetyl Alcohol (thickener/softener)	2 %	4.8 g / 0.2 oz / 1/2 Tbsp
Stearic Acid (emulsifier)	2 %	4.8 g / 0.2 oz / 1/2 Tbsp
Phase B		
Hot Distilled Water (diluent)	69.6 %	167 g / 6 oz / 1/2 cup 3 Tbsp
Xanthan Gum thickener	0.5 %	1.2 g / 0.05 oz / 1/4 tsp
Aloe Vera 10x concentrate (soothing agent)	1 %	2.4 g / 0.1 oz / 1/2 tsp
Sorbitol or Glycerin (humectant)	2 %	4.8 g / 0.2 oz / 1 tsp
Urea (humectant)	3 %	7.2 g / 0.2 oz / 3/4 Tbsp
EDTA (stabilizer)	0.2 %	0.5 g / 0.02 oz / 1/8 tsp
Phase C		
Paraben-DU (preservative)	1 %	2.4 g / 0.1 oz / 58 drops
<u>Fragrance</u> fragrance	0.2 %	0.5 g / 0.02 oz / 12 drops
Method		
Give phase A into a disinfected, heat-resistant glass beaker and heat it to 150oF/66oC. Give phase B into a separate jar and stir with high speed to dissolve the gum, heat it to the same temperature. Add phase A to phase B and stir until it is a homogenous solution. After temperature has dropped to 100oF/38oC add phase C and stir again.		
Properties		
This lotion is hydrating and nourishing due to aloe vera, sheabutter and urea. Can also be used as an after-sun lotion to relax and moisturize the skin.		