

## Aloe Vera Body Lotion with Urea (o/w)

(Sample Recipe for Urea)

Aloe Vera Body Lotion with Urea (o/w)		
Phase A	Weight %	For 240 g / 8.5 oz
Almond Oil (emollient)	7 %	16.8 g / 0.6 oz
Joboba Oil (emollient)	5 %	12 g / 0.4 oz
Sorbitan Stearate (emulsifier)	1.5 %	3.6 g / 0.1 oz
Polysorbate 60 (emulsifier)	3 %	7.2 g / 0.2 oz
Shea Butter (emollient)	2 %	4.8 g / 0.2 oz
Cetyl Alcohol (thickener/softener)	2 %	4.8 g / 0.2 oz
Stearic Acid (emulsifier)	2 %	4.8 g / 0.2 oz
Phase B		
Hot Distilled Water (diluent)	63.6 %	152 g / 5.5 oz
Xanthan Gum thickener	0.5 %	1.2 g / 0.05 oz
Aloe Vera (soothing agent)	7 %	16.8 g / 0.6 oz
Sorbitol or Glycerin (humectant)	2 %	4.8 g / 0.2 oz
Urea (humectant)	3 %	7.2 g / 0.2 oz
EDTA (stabilizer)	0.2 %	0.5 g / 0.02 oz (1/4 tsp)
Phase C		
Paraben- DU (preservative)	1 %	2.4 g / 0.1 oz
<u>Fragrance</u> fragrance	0.2 %	0.5 g / 0.02 oz (10 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.		