

Clarifying Hair Shampoo

(Sample Recipe for Sage Extract)

Clarifying Hair Shampoo		
Phase A	Weight %	For 200 g / 7.1 oz
Warm Distilled Water (diluent)	45.4 %	90.8 g / 3.2 oz
Xanthan Gum (thickener)	0.3 %	0.6 g / 0.02 oz / 1/4 tsp
Phase B		
Alkyl Sulfonate (cleansing agent)	40 %	80 g / 2.9 oz
Sulfosuccinate (cleansing agent)	10 %	20 g / 0.7 oz
Phase C		
Sage Extract (herb)	3 %	6 g / 0.2 oz / 1.5 tsp
Benzyl Alcohol/DHA_(preservative blend)	0.8 %	1.6 g / 0.06 oz / 35 drops
Fragrance Coconut-Lime-Verbena	0.5 %	1 g / 0.04 oz / 22 drops
Method		
Sprinkle xanthan gum into the warm water and mix well with a stick blender until smooth.		
Add Phase B to Phase A and stir well, avoid the formation of foam.		
Add phase C to Phase A/B and stir again well.		
Properties		
Hair Shampoo that will degrease and remove built up from conditioners. Still mild considering the combination of the surfactants but effective. It is also a bit more concentrated than normal shampoos. Sage can help with scalp irritations and mild dandruff.		