

Hair Balm for Wet or Dry Hair

Phase A	Weight %	For 240 g / 8.5 oz
Distilled Water (diluent)	83.6 %	201 g / 7.1 oz / 3/4 cup 4 tsp
Phase B		
CreamMaker CAT (conditioning emulsifier blend)	2.5 %	6 g / 0.2 oz / 3/4 Tbsp
Cetyl Alcohol (thickener/softener)	6 %	14.4 g / 0.5 oz / 1 3/4 Tbsp
Cocoa Butter (emollient/humectant)	0.5 %	1.2 g / 0.04 oz / 1/2 tsp
Triglyceride (emollient)	1.5 %	3.6 g / 0.1 oz / 3/4 tsp
Vitamin E Acetate (active ingredient)	0.5 %	1.2 g / 0.04 oz / 1/4 tsp
Phase C		
Cyclo-Dimethicone (emollient)	0.5 %	1.2 g / 0.04 oz / 25 drops
Rice Quat (conditioner)	1.5 %	3.6 g / 0.1 oz / 3/4 tsp
GelMaker EMU (thickener)	1.5 %	3.6 g / 0.1 oz / 1/2 tsp
Provitamin B5 (active ingredient)	0.5 %	1.2 g / 0.04 oz / 25 drops
Phenoxyethanol/SA (preservative)	1 %	2.4 g / 0.05 oz / 55 drops
Fragrance	0.3 %	0.7 g / 0.03 oz / 15 drops
Citric Acid (acidulant)	0.1 %	0.24 g / 0.01 oz / 1/16 tsp

Method

Add phase B one by one into a disinfected glass beaker and heat to 150F/67C and stir until well mixed. Heat phase A to the same temperature. Add phase B to phase A and stir well, remove from the heat and stir until uniform. Cool to 100F/40C. Add phase C to phase A/B and stir well. GelMaker EMU will adjust the thickness of the cream. Adjust the pH of the cream to 4 -5.5 with citric acid. Adjust the viscosity further with GelMaker EMU if necessary, stir well.

Properties

Leave-in and conditioning Hair Balm for the dry hair or just dry hair ends. Moisturizes ethnic hair as well and nourishes with rice-quat protein and provitamin B5.