

Rich and Creamy Hair Conditioner

Phase A	Weight %	For 240 g / 8.5 oz
Distilled Water (diluent)	81.4 %	195 g / 7 oz
Guar Gum (thickener/conditioner)	0.5 %	1.2 g / 1/2 tsp
Glycerin (humectant)	2 %	4.8 g / 1 tsp
Phase B		
Cetyl Alcohol (thickener/softener)	2 %	4.8 g / 1 tsp
CramMaker CAT (conditioning emulsifier blend)	6 %	14.4 g / 0.5 oz / 1 3/4 Tbsp
Meadowfoam Seed Oil (emollient)	3 %	7.2 g / 1 1/2 tsp
Olive Oil (emollient)	1 %	2.4 g / 1/2 tsp
Phase C		
Cyclo-Dimethicone (emollient)	1 %	2.4 g / 1/2 tsp
Vitamin E Acetate (anti-oxidant)	0.5 %	1.2 g / 25 drops
Provitamin B5 (active ingredient)	0.5 %	1.2 g / 25 drops
Phenoxyethanol/SA (preservative)	1.5 %	3.6 g / 80 drops
Fragrance	0.5 %	1.2 g / 25 drops
Citric Acid (acidulant)	0.1 %	0.24 g / 1/8 tsp

Method

Add phase A into a disinfected glass beaker, stir well to dissolve the guar gum. Add phase B to another glass beaker and heat to 160F/71C until the solids are melted. Add phase B to phase A and stir well until the lotion is uniform. Remove from the heat. Cool to 100F/40C then add phase C in order and stir after each ingredient. Adjust the pH value to 4 to 5.5 with citric acid and check the pH. If still too high add more citric acid.

Properties

Rich hair conditioner with precious emollients and vitamins that soften and nourish the hair. Add to dampen hair, leave-on for a minute and rinse off.