

Lupine Protein Hair Shampoo with Coco-Glucose

Phase A	Weight %	For 240 g / 8.5 oz
Distilled Water (diluent)	59 %	141.6 g / 5.1 oz
Polyquaternium-10 (conditioner)	0.3 %	0.72 g / about 1/2 tsp
Phase B		
Coco Glucose (cleansing/surfactant blend)	35 %	84 g / 3 oz
Phase C		
Lupine Protein (regenerating protein)	4 %	9.6 g / 0.3 oz / 2 tsp
Phenoxyethanol-SA (preservative)	1.2 %	2.9 g / 0.1 oz / 70 drops
Fragrance Blend Floral Dove	0.5 %	1.2 g / 28 drops
Citric Acid (acidulant, see below)	DBT	DBT

Method

Add phase A in the given order into a disinfected glass beaker, sprinkle the polyquaternium-10 into the water and mix with a good mixer, until well dispersed/hydrated, polyquaternium-10 will thicken the water phase. Add phase B to phase A and stir gentle but well to avoid the formation of foam. Add phase C to phase A/B, stir well after each ingredient. Check pH of the shampoo, ideal ph should be between 5 and 6. Add 1/8 tsp of citric acid to the shampoo and stir well, wait a couple minutes before measuring the pH again. If needed add more citric acid until the desired pH is reached. Fill into bottle.

Properties

This shampoo contains our new blend coco-glucose it is exceptionally mild and ideal for dry hair or treated hair. Lupine protein contains a high amount of essential amino acids which provide regenerating and conditioning properties.