

Leave- In Conditioning Mousse with UV Protection

(Sample Recipe for Citric Acid)

Leave- In Conditioning Mousse with UV Protection		
Phase A	Weight %	For 240 g /8.5 oz
Distilled Water (diluent)	91.5 %	220 g / 7.9 oz / 3/4 cup 3 Tbsp
Coco Betaine (surfactant)	4 %	9.6 g / 0.3 oz / 1 3/4 tsp
Quaternium- 87 (conditioner)	0.5 %	1.2 g / 0.04 oz 26 drops
Cyclo- Dimethicone (emollient)	0.5 %	1.2 g / 0.04 oz 26 drops
OM- Cinnamate (sunscreen)	0.5 %	1.2 g / 0.04 oz 26 drops
Grapeseed Oil (emollient)	0.4 %	0.96 g / 0.03 oz 22 drops
Fragrance	0.5 %	1.2 g / 27 drops
Provitamin B5 (active ingredient)	0.5 %	1.2 g / 27 drops
Phenoxyethanol/SA (preservative)	1.5 %	3.6 g / 0.1 oz 80 drops
Citric Acid (acidulant)	0.1 %	0.24 g / 1/16 tsp

Method
Add phase A one by one into a disinfected glass beaker and stir. Add a very small amount of citric acid to adjust the pH of the formula to 4.5- 5.5. Fill the liquid into a pump foamer bottle.

Properties
Leave- in Mousse with provitamin B5 and emollients. The pump foamer bottle will transform the liquid in to a foam.