

Pearlizing Protein Conditioner (all hair types)		
Phase A	Weight %	For 200 g / 7.1 oz
Distilled Water (diluent)	82.8 %	165.6 g / 5.9 oz
Phase B		
Glycol Stearate IP (pearlizer)	4 %	8 g / 0.3 oz
CreamMaker CAT (emulsifying conditioner)	4 %	8 g / 0.3 oz
Grapeseed Oil (emollient)	2 %	4 g / 3/4 tsp
Phase C		
Rice-Quat (protein conditioner)	4 %	8 g / ½ Tbsp
Provitamin B5 (active ingredient)	2 %	4 g / ¾ tsp
Phase D		
Paraben-DU (preservative)	0.8 %	1.6 g / 35 drops
Fragrance (optional)	0.3 %	0.6 g / 15 drops
Citric Acid (acidulant)	0.1 %	0.2 g / 1/16 tsp
Method		
Heat phase A to 150F/67C. Add phase B into a heat resistant glass jar and heat to the same temperature until melted. Add phase A to phase B and stir until it forms a homogenous lotion. Remove from the heat and add phase C when the temperature is below 100F/40C. Add phase D and stir. Measure the pH, between 4.5 and 5.5 is a good pH. Adjust the pH with citric acid if necessary.		
Properties		
Universal hair conditioner with rice protein and grape seed oil to give the hair protection and improves softness. Provitamin B5 is added for nourishing and moisturizing. The conditioning ingredients are CreamMaker CAT and Rice-Quat. Can be used in lotion bottles or tubes.		