

Moisturizing Lotion-Gel with Cucumber Extract

Phase A	Weight %	For 240 g / 8.5 oz
Triglyceride (emollient)	10 %	24 g / 0.9 oz / 1 ½ Tbsp
Meadowfoam Seed Oil (emollient)	10 %	24 g / 0.9 oz / 1 ½ Tbsp
Vitamin C Ascorbyl Palmitate (antioxidant)	2 %	4.8 g / 0.2 oz / 1 ½ tsp
Vitamin E Acetate (antioxidant)	1 %	2.4 g / 50 drops
CreamMaker CA-20 (emulsifier)	4 %	9.6 g / 0.3 oz / 1 Tbsp ½ tsp
Phase B		
Hot Distilled Water (diluent)	62 %	148.8 g / 5.3 oz
Sodium PCA (humectant)	2 %	4.8 g / 0.2 oz / 1 tsp
Phase C		
GelMaker EMU (thickener/emulsifier)	3 %	7.2 g / 0.3 oz / 1 ½ tsp
Phase D		
Cucumber Extract	5 %	12 g / 0.4 oz / 2 ½ tsp
Benzyl Alcohol/DHA (preservative)	0.8 %	1.9 g / 44 drops
Fragrance (optional)	0.2 %	0.5 g / 0.02 oz / 10 drops

Method

Give phase A into a disinfected, heat-resistant glass beaker and heat it to 175oF/75oC, until the ascorbyl palmitate and creammaker is melted. Heat phase B in another disinfected glass beaker to the same temperature. Add phase A to phase B and stir well. Remove from the heat. Add phase C and mix very well so that it will be lump free. Add phase D to phase A/B/C and stir well. The viscosity can further be adjusted with GelMaker EMU.

Properties

Soothing and fresh lotion-gel with the harmonizing anti-oxidant combination ascorbyl palmitate and vitamin E. Cucumber extract has moisturizing and soothing properties. Non-greasy lotion-gel for under makeup or whole body.