

Natural Look Black Mascara

Phase A	Weight %	For 100 g / 3.6 oz
Distilled Water (diluent)	68.4 %	68.4 g / 2.4 oz / 1/4 cup 1 tsp
Xanthan Gum (viscosity enhancer)	0.2 %	0.2 g / 1/8 tsp
Provitamin B5 (vitamin)	0.5 %	0.5 g / 12 drops
Glycerin (humectant)	2 %	2 g / 1 tsp
Gum Arabic (viscosity enhancer)	2 %	2 g / 1 tsp
Phase B		
Stearic Acid (o/w emulsifier)	5 %	5 g / 0.2 oz / 2 tsp
Candelilla Wax (thickener)	1.5 %	1.5 g / 3/4 tsp
Ceteareth-20 (o/w emulsifier)	1.7 %	1.7 g / 3/4 tsp
Bees Wax (thickener)	4.5 %	4.5 g / 0.2 oz/2 ¼ tsp
Carnauba Wax (thickener)	2.7 %	2.7 g / 0.1 oz/1 tsp
Phase C		
Iron Oxide Black (pigment)	10 %	10 g / 0.35 oz / 1 Tbsp 1/2 tsp
Phase D		
Cyclo-Dimethicone (emollient)	0.5 %	0.5 g / 1/4 tsp
Phase E		
Paraben-DU (preservative)	1 %	1 g / 22 drops

Method

Add the water and glycerin and prov. B5 into a disinfected glass beaker, sprinkle the gums into agitating phase A and mix well until lump free. Start heating to 170oF/76oC. Add phase B into another disinfected glass beaker and heat to the same temperature. Add phase C to phase B and stir until smooth and well dispersed. Make sure phase B is all melted. Add phase A to phase B and stir well, continue to keep it hot until all is smooth. Then slowly lower the temperature. When at 50C/120F add phase D and phase E. Stir well, while still warm fill into mascara containers using a syringe or let it get cool in the beaker to see if the consistency and color is right. The mascara can be reheated to 60C/140 for making adjustments.

Properties

Mascara that defines lashes without build-up. Touch proof. Needs to dry a minute after application.