

Every Day Hair Shampoo for Brunettes

(Sample Recipe for Caramel Color)

Every Day Hair Shampoo for Brunettes		
Phase A	Weight %	For 100g/3.6oz
Distilled Water (diluent)	44.65 %	44.65 g / 1.6 oz
EDTA (chelating agent)	0.2 %	0.2 g / 0.007 oz
Polyquaternium-10 (conditioner)	0.75 %	0.75 g / 0.03 oz
Phase B		
Alpha Olefin Sulfonate (surfactant)	30 %	30 g / 1.1 oz
Coco Betaine (surfactant)	10 %	10 g / 0.4 oz
Polyglucose (surfactant)	8 %	8 g / 0.3 oz
PEG-7 Glyceryl Cocoate (emollient)	2 %	2 g / 0.07 oz
Glucose VEG (thickener)	2 %	2 g / 0.07 oz
Phase C		
Caramel Color (colorant)	0.2 %	0.2 g / 4-5 drops
Fragrance (optional)	0.5 %	0.5 g / 12 drops
Benzyl Alcohol/DHA (preservative)	1.2 %	1.2 g / 28 drops
Sodium Chloride (thickener) optional	0.5 %	0.5 g / 0.02 oz
Method		
Add phase A into a mixing vessel and blend well until the powders are dissolved and solution is free of lumps.		
Combine phase B ingredients in another vessel.		
Add phase B to phase A and stir continuously until well mixed.		
Add phase C to phase A/B and stir well after each ingredient. Sodium Chloride is optional, it will thicken the shampoo further if needed.		
Properties		
Mild Hair Shampoo that uses the Caramel color as a visual effect for brunette hair. Color is water-soluble and will rinse off.		