

1025 - Detangling Conditioning Lotion For Long Hair

Weight: 200.00g

Ingredient	INCI	Function	Percent	Wgt (g)	Wgt (oz)
Phase A					
Distilled Water	aqua	Diluent	81.20	162.40	5.73
Guar Gum, Cationic	guar hydroxypropyltrimonium chloride	Thickener, Conditioner	0.50	1.00	0.04
Behentrimonium	behentrimonium chloride, ethyl alcohol	Conditioner	2.50	5.00	0.18
Phase B					
Polyglucose	decyl glucoside, water	Surfactant	2.00	4.00	0.14
Quaternium-31	dicetyldimonium chloride, isopropyl alcohol	Conditioner	2.00	4.00	0.14
Glycol Stearate IP	glycol stearate, stearamide AMP	Emulsifier	3.00	6.00	0.21
Cetyl Alcohol	cetyl alcohol	Thickener	1.50	3.00	0.11
Phase C					
Squalane Light	C13-15 alkane	Emollient	3.00	6.00	0.21
Argan Oil	organic argania spinosa (argan) kernel oil	Emollient	1.50	3.00	0.11
Phase D					
Provitamin B5 (d-panthenol) Liquid	d-panthenol, water	Vitamin	1.50	3.00	0.11
Phenoxyethanol SA	phenoxyethanol, sorbic acid, caprylyl glycol	Preservative	1.00	2.00	0.07
Fragrance Coconut Lime Verbena	fragrance	Fragrance	0.30	0.60	0.02
Citric Acid	citric acid	Acidulent	0.10	0.20	0.01

Procedure

Phase A: Pre-mix guar gum in the water, then heat to 150F/67C. Add behentrimonium blend until melted. mix Phase B: Add into a separate beaker and heat to the same temperature. Add phase A to phase B and blend well to mix all ingredients. Remove from the heat and let cool to 104F/40C. Phase C: Add and blend well. Phase D: Add and blend well. Adjust the ph value to 4.5-5 with citric acid.

Properties

Effective, detangling and shine conditioner due to behentrimonium, quaternium 31 and cationic guar gum. Added emollients such give softness and moisture to the hair.