

1118 - Lupine Protein Hair Shampoo with Coco-Glucose

Weight: 100.00g

Ingredient	INCI	Function	Percent	Wgt (g)	Wgt (oz)
Phase A					
Distilled Water	Aqua	Diluent	54.90	54.90	1.94
Polyquaternium-10	Polyquaternium-10	Conditioner	0.50	0.50	0.02
Glycerin	Glycerin	Humectant	4.00	4.00	0.14
Phase B					
Coco Glucose	Sodium cocoamphoacetate, glycerin, lauryl glucoside, sodium cocoyl glutamate, sodium lauryl glucose carboxylate	Surfactant	35.00	35.00	1.23
Phase C					
Lupine Protein	Hydrolyzed Lupine Protein	Humectant	4.00	4.00	0.14
Phenoxyethanol SA	Phenoxyethanol, sorbic acid, caprylyl glycol	Preservative	1.00	1.00	0.04
Fragrance Coconut Lime Verbena	Fragrance	Fragrance	0.50	0.50	0.02
Citric Acid	Citric Acid	Acidulent	0.10	0.10	0.00

Procedure

Phase A: Add polyquaternium-10 to glycerin and blend well. Add water and blend well until homogenous and free of lumps.

Phase B: Add to phase A under constant blending at 300-500rpms.

Phase C: Add to phase A/B, stir well after each ingredient.

Check pH of the shampoo, ideal pH should be between 4.5 and 6. Adjust with citric acid if pH is at 6.5 or higher. Use a very small amount, blend for one minute then measure the pH again. Repeat if necessary.

Properties

This shampoo contains a mild surfactant blend coco-glucose, ideal for dry hair or treated hair. Lupine protein contains a high amount of essential amino acids which provide regenerating and conditioning properties.