

Hair Conditioner for the Sensitive Skin - 1161

Ingredient	Function	Percent	Wgt (g)	Wgt (oz)	Vol (tsp.)
Phase A					
Distilled Water (aqua)		83.80	83.80	2.96	16.76
Propanediol 1,3 (propanediol)		2.00	2.00	0.07	0.40
Glycerin (glycerin)		2.00	2.00	0.07	0.40
Phase B					
Cetearyl Alcohol (cetearyl alcohol)		4.00	4.00	0.14	0.80
Isoeicosane (isoeicosane)		2.00	2.00	0.07	0.40
Conditioner SD (stearamidopropyl dimethylamine)		2.00	2.00	0.07	0.40
Ceteareth-20 (ceteareth-20)		2.00	2.00	0.07	0.40
Phase C					
Provitamin B5 (d-panthenol, water)		1.00	1.00	0.04	0.20
Caprylyl Glycol EHG (caprylyl glycol, ethylhexylglycerin)		1.20	1.20	0.04	0.24
Citric Acid (citric acid)		0.10	0.10	0.00	0.02

Method

Add phase A to a clean mixing vessel, blend well and heat to 65C/150F. Add phase B to another clean mixing vessel and heat to the same temperature. Add phase A to phase B and blend well. Remove from the heat source. Use a stick blender or homogenizer to blend well. Cool to room temperature. Add phase C one by one and blend well. Test pH and adjust to pH 5.5-6.5 with citric acid, stir for 1-2 minute before re-testing the pH, repeat if necessary. Fill into appropriate containers.

Properties

A simple but effective hair conditioner that does not build up. It's free of many ingredients that may cause skin sensitivities in some individuals and it's also fragrance free. Apply to damp hair leave-in for 1-2 minutes and rise out.