

Premium High-Foaming Sulfate-Free Shampoo

Make this easy to use, excellent performing "Premium Sulfate-Free Shampoo" for great conditioning and excellent foaming.

Ingredients

Ingredient	Wt, % (as is)	Function
D.I. Water q.s. to	100.0	Carrier
Mild LSB*	26.70	Primary Surfactant
Sodium Lauryl Sulfoacetate*	1.43	Surfactant
Chemconx AIOS-40*	5.25	Surfactant
Cocamidopropyl Betaine*	3.10	Secondary Surfactant
Glyceryl Caprylate Caprate*	5.0	Thickener

Add Sodium Chloride q.s.

Add Preservative, Dye, Fragrance q.s.

Add Citric Acid (20%) q.s. to adjust pH as needed.

**In stock at MakeYourOwn.buzz*

Mixing Procedure

Into a suitable vessel equipped with heating and agitation capabilities, add D.I. Water, agitate, and heat water to 55-60° Celsius. Add and mix Mild LSB and Sodium Lauryl Sulfoacetate Powder until solubilized. Cool to 40-45°Celsius then add Cocamidopropyl Betaine and Glyceryl Caprylate Caprate. Mix thoroughly. Cool to 25°C then adjust pH with Citric Acid. Add fragrance, preservative, and dye. Add sodium chloride to adjust viscosity as necessary. Stop mixing.

pH, as is	4.8 - 5.0
pH, after adjustment	5.5 - 5.8

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