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PREMIUM HIGH-FOAMING SULFATE-FREE SHAMPOO

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

<u>Ingredients</u>	<u>Wt, % (as is)</u>	<u>Function</u>
D.I. Water q.s. to	100	Carrier
*Mild LSB	26.70	Primary Surfactant
*Sodium Lauryl Sulfoacetate	1.43	Surfactant
*Chemconx AIOS-40	5.25	Surfactant
*Cocamidopropyl Betaine	13.10	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.

Mixing Procedure:

Into a suitable vessel suitable vessel equipped with heating and agitation capabilities, add D.I. Water, agitate, and heat water to 55-60 degrees 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.

Properties

pH, as is.....4.8-5.0

pH, after adjustment.....5.5-5.8

* In stock at Saveoncitric.com

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