Sulfate-Free Shampoo

Make this easy to use, excellent performing "Sulfate-Free Shampoo" for a great cleansing.

Ingredients

Ingredient	Wt, % (as is)	Function
D.I. Water q.s. to	100.0	Carrier
Chemconx C14-16*	25.0	Surfactant
Cocamidopropyl Betaine*	5.0	Co-Surfactant
Sodium Chloride	2.0	Thickener

Add preservative, dye, fragrance q.s.
Use Sodium Chloride as needed/q.s. as a thickener/viscosity adjuster.
Citric Acid (50%) q.s. pH adjuster

In stock at MakeYourOwn.buzz

Mixing Procedure

Into a suitable vessel equipped with mixing capabilities, add D.I. Water, Chemconx AlOS-40, and Cocamide DEA. Start mixing at 70°C and mix until the mixture looks homogeneous. Cool to 25°C to add the rest of the ingredients. Add preservative, fragrance and dye and mix well. Adjust viscosity with sodium chloride. Adjust pH if necessary with citric acid. Stop mixing.

Appearance	Clear, viscous liquid
Viscosity at 21°C, cp	8,700
pH	5.5

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