

Mild Baby Shampoo

This formulation for a mild liquid shampoo is ideal for use on babies and children.

Ingredients

Ingredient	Wt, % (as is)	Function
D.I. Water q.s. to	100.0	Solvent, Carrier
Sodium Laureth Sulfate (SLES)*	17.5	Primary Surfactant
Disodium Laureth Sulfosuccinate*	19.0	Primary Surfactant
Cocamidopropyl Betaine*	16.5	Foam Booster
PEG 150 Distearate	2.0	Thickener
Citric Acid*	q.s.	pH Adjuster
Fragrance and Dye	q.s.	Additives
Sodium Chloride	q.s.	Viscosity Adjuster

*In stock at MakeYourOwn.buzz

Mixing Procedure

Into a suitable vessel equipped with mixing capabilities, add Deionized Water with the next three ingredients and mix at 50-60°C. Add PEG 150 Distearate and mix until all solids are melted. Cool to 35°C and add citric acid to adjust pH to 6-7. Add Fragrance, Preservative and Dye to q.s. Adjust viscosity with sodium chloride as necessary.

Physical Properties

Appearance at 25°C	Clear, yellow
pH, as is	6.0 - 7.0
Viscosity at 25°C, cps	55 (as is)

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