

Formulation

This head-to-toe baby wash is formulated with plant-based ingredients and may be economically prepared with a cold-mix process. Featured ingredients include ultra-mild Suga®Nate 160NC MB , high-foam Suga®Det LSLG MB , moisturizing Colonial BetaNat , and multifunctional Cola®Teric CHGL to create a gentle, moisturizing lather that rinses clean, leaving baby's skin fresh and hydrated. This formulation may be used as a wash, shampoo, and bubble bath.

PHASE A

PHASE TOTAL: 100.0000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
Water	Water	Diluent	62.7000
Colonial BetaNat	Betaine	Moisturizing	0.2500
Suga®Nate 160NC MB	Sodium Laurylglucosides Hydroxypropylsulfonate	Ultra-mild cleansing	15.0000
Suga®Det LSLG MB	Lauryl Glucoside (and) Disodium Lauryl Sulfosuccinate	Foam boosting, viscosity building	18.0000
Cola®Teric CHGL	Cocamidopropyl Hydroxysultaine and Glyceryl Laurate	Viscosity building, emolliency	3.0000
Euxyl® K712	Sodium Benzoate, Potassium Sorbate	Preservative	1.0000
Lavender & Chamomile Fragrance	Fragrance	Fragrance	0.0500
Citric Acid 50%	Citric Acid	pH adjuster	0.0000 (q.s.)

Specifications

VISCOSITY

(LV-3, 12 rpm) 3,000 – 5,000 cP

APPEARANCE

Clear, Viscous Liquid

PH TARGET

5.0 - 5.5

PROCEDURE

1. Combine ingredients 1 – 7 with moderate mixing. Continue mixing until clear and uniform. 2. If necessary, adjust to pH 5.0 – 5.5 with ingredient 8.