

Formulation

This gentle moisturizing baby lotion is plant-based lotion and designed to safely hydrate and soothe delicate skin. Suitable for babies, kids, and sensitive skin types. Featured emulsifiers include 100% biobased Cola®Fax CPE-K MB and Colonial Monolaurin MB . Also featured is all-natural Colonial BetaNat to balance moisture, protecting from dryness and supporting healthy skin.

PHASE A

PHASE TOTAL: 100.0000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
DI Water	Water	Carrier	83.2000
Colonial BetaNat	Betaine	Moisturizer	1.0000
Cola®Fax CPE-K MB	Potassium Cetyl Phosphate	Emulsifier, silky afterfeel	2.5000
Colonial Monolaurin MB	Glyceryl Laurate	Emulsifier, emollient, antimicrobial benefits	1.0000
Cetiol® MM	Myristyl Myristate	Emollient	4.0000
Isopropyl Palmitate	Isopropyl Palmitate	Emollient	3.5000
Cetiol® C 5	Coco-Caprylate	Emollient	2.0000
Lanette® 16	Cetyl Alcohol	Thickener	2.0000
Euxyl® PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	Preservative	0.5000
Citric Acid 50%	Citric Acid	pH Adjuster	0.3000

Specifications

APPEARANCE

Opaque, White Cream

PH TARGET

4.5 - 5.5

PROCEDURE

1. In the primary vessel, combine ingredients 1 - 2. Mix until uniform and heat to 70 - 75°C. 2. Once at temperature, add ingredient 3. Mix until well dispersed. 3. In a separate vessel, combine ingredients 4 - 8 and heat to 70 - 75°C. Once at temperature and uniform, slowly add to the primary vessel. 4. Homogenize, then begin cooling to 40 - 45°C. 5. Once at temperature, add ingredients 9 - 10. Mix until uniform.