



Nourishing Baby Lotion

DESCRIPTION

This formulation contains **Poly Suga[®]Mulse D6**, **Colonial Monolaurin**, and **Cola[®]Fax CPE-K**, NPA Certified ingredients, for a silicone free, mild baby lotion. It is nourishing and irritant free with a hint of lavender for calming even the fussiest of babies.

FORMULATION

Order	INCI Name	Trade Name	%
A	Water		qs to 100.00
A	Cetyl Hydroxyethylcellulose	Natrosol [®] Plus 330 CS ¹	0.50
A	Sorbitan Oleate Decylglucoside Crosspolymer	Poly Suga[®]Mulse D6	4.00
A	Glyceryl Laurate	Colonial Monolaurin	0.50
A	Potassium Cetyl Phosphate	Cola[®]Fax CPE-K	1.00
A	Glycerin		2.00
B	Tricaprylin	Dermofeel [®] MCT ²	3.00
B	Undecane <i>and</i> Tridecane	Cetiol [®] Ultimate ³	5.00
B	Argania Spinosa Kernel (Argan) Oil	Argan Oil RBD ⁴	2.00
B	Cetyl Alcohol	Lanette [®] 16 ³	4.00
B	Coco-Caprylate	Cetiol [®] C 5 ³	2.50
C	Phenoxyethanol <i>and</i> Ethylhexylglycerin	Euxyl [®] PE 9010 ⁵	0.50
C	Lavandula Angustifolia (Lavender) Oil	Lavender 40/42 Oil ⁶	0.05

PROCEDURE

1. In primary vessel, combine Water and Cetyl Hydroxyethylcellulose. Hydrate according to manufacturer instructions.
2. Heat to 70°C while adding remaining phase A ingredients.
3. In a side vessel, combine phase B ingredients. Heat to 70°C.
4. Once both phases are homogeneous and at temperature, add B to A slowly with good mixing.
5. Slowly cool to 50°C and add phase C ingredients.
6. Homogenize and fill containers.

TYPICAL PROPERTIES

Appearance Opaque
pH 6.0
Viscosity 50,000 cP

SUPPLIERS

¹Ashland, ²Dr. Straetmans, ³BASF, ⁴Charkit, ⁵Schülke & Mayr, ⁶Orchidia

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