

MOISTURIZING BABY LOTION with SHEA™ XP

This lotion applies smoothly and leaves a soft after-feel. **Shea™ XP** nourishes and moisturizes the skin and leaves it feeling soft.

<u>SEQUENCE</u>	<u>PERCENT</u>	<u>INGREDIENT</u>	<u>INCI NAME</u>
1	78.30	Deionized Water	Water
1	1.00	Euxyl PE-9019 (Schülke)	Phenoxyethanol (and) Ethylhexylglycerin
2	3.00	Glycerin, 99.5% (Protameen Chemicals, Inc.)	Glycerin
2	1.00	Solagum AX (Seppic, Inc.)	Acacia Senegal Gum (and) Xanthan Gum
3	4.40	Montanov 68 (Seppic, Inc.)	Cetearyl Alcohol (and) Cetearyl Glucoside
3	8.00	Shea™ XP (Sonneborn, LLC)	Petrolatum USP (and) Butyrospermum Parkii (Shea) Butter
3	1.00	Lipex® SheaLight (AAK)	Shea Butter Ethyl Esters
3	0.50	Lipocol SC (Vantage Specialty Ingredients)	Cetearyl Alcohol
3	0.30	Rosamox (Kemin)	Helianthus Annuus (Sunflower) Seed Oil (and) Rosmarinus Officinalis (Rosemary) Extract
3	1.50	Stearic Acid TP (Protameen Chemicals, Inc.)	Stearic Acid
4	1.00	Actiphyte of Aloe Vera 10 Fold GL (Active Organics)	Water (and) Glycerin (and) Aloe Barbadensis Leaf Extract
5	qs	NaOH (18%)	Water (and) Sodium Hydroxide

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PROCEDURE:

1. In main beaker, weigh Sequence #1 and heat to 80°C with homogenizer mixing.
2. Mix Sequence #2 into a slurry and add to Sequence #1. Mix until smooth and homogenous.
3. In another beaker, combine Sequence #3 ingredients and heat to 80°C. Mix until clear.
4. Slowly add Sequence #3 to the batch and mix well. Begin cooling.
5. When batch temperature reaches 60°C, switch to propeller mixing and continue cooling.
6. When batch temperature reaches 25°C, add Sequence #4 and mix well.
7. Adjust pH to 6.3 – 6.8 with Sequence #5.
8. Package in suitable containers.

SPECIFICATIONS:

pH: 6.33

Viscosity: LVT #4 @ 12 rpm for 1 minute 9,000 cps

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PURE & SOOTHING BABY LOTION with SHEA™ XP

This lotion applies smoothly and leaves a soft after-feel. **Shea™ XP** nourishes and moisturizes the skin and leaves it feeling soft.

SEQUENCE	PERCENT	INGREDIENT	FUNCTION
1	78.30	Deionized Water	Solvent
1	1.00	Euxyl PE-9019 (Schülke)	Preservative
2	3.00	Glycerin, 99.5% (Protameen Chemicals, Inc.)	Humectant and moisturizer
2	1.00	Solagum AX (Seppic, Inc.)	Naturally derived thickening and stabilizing polymer
3	4.40	Montanov 68 (Seppic, Inc.)	Emulsifier
3	8.00	Shea™ XP (Sonneborn, LLC)	
3	1.00	Lipex® SheaLight (Inolex Chemical Co.)	Light, shea butter-based emollient that has a non-greasy, powdery feel
3	0.50	Lipocol SC (Vantage Specialty Ingredients)	Viscosity increasing agent
3	0.30	Rosamox (Kemin)	Strong anti-oxidant
3	1.50	Stearic Acid TP (Protameen Chemicals, Inc.)	Viscosity increasing agent
4	1.00	Actiphyte of Aloe Vera 10 Fold GL (Active Organics)	Botanical Extract
5	qs	NaOH (18%)	pH adjuster

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