

## SOOTHING BODY LOTION with SHEA XP™

This soothing lotion contains **Shea XP™**, which aids in healing dry, itchy, or sensitive skin. **Shea XP™** is an active emollient composed of a highly concentrated, physically optimized matrix of shea butter and petrolatum. It delivers the trusted protection of petrolatum with optimal TEWL performance and known functionality of shea triterpenes.

SEQUENCE	PERCENT	INGREDIENT	INCI NAME
1	72.10	Deionized Water	Water
2	0.20	Carbopol® Ultrez 20 (Lubrizol Advanced Materials, Inc.)	Acrylates/C10-30 Alkyl Acrylate Crosspolymer
3	3.00	Glycerin, 99.7% USP (Jeen International Corp.)	Glycerin
3	1.00	Euxyl® PE-9010 (Schülke)	Phenoxyethanol (and) Ethylhexylglycerin
3	0.10	Dissolvene® Na2-S (AkzoNobel Personal Care)	Disodium EDTA
4	4.00	<b>Shea XP™</b> (Sonneborn, LLC)	<b>Petrolatum (and) Butyrospermum Parkii (Shea) Butter</b>
4	10.00	<b>Lilac®</b> (Sonneborn, LLC)	<b>C14-22 Alkane</b>
4	3.00	Arlacel™ 165 (Croda, Inc.)	Glyceryl Stearate (and) PEG-100 Stearate
4	1.50	Lipowax® D (Vantage Specialty Ingredients)	Cetearyl Alcohol (and) Ceteareth-20
4	1.00	Lipo Stearic Acid (Vantage Specialty Ingredients)	Stearic Acid
4	3.50	Xiameter® PMX-200 Silicone Fluid 100 cSt (Dow Corning Corp.)	Dimethicone
4	0.10	Vitamin E CG (Jeen International Corp.)	Tocopheryl Acetate
5	0.50	NaOH (18%)	Water (and) Sodium Hydroxide

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## **PROCEDURE:**

1. In main beaker, weigh Sequence #1 at ambient temperature.
2. Sprinkle Sequence #2 onto the surface of Sequence #1 and allow to self-wet.
3. Begin heating combined Sequence #1 and Sequence #2 to 80°C with low speed propeller mixing.
4. When temperature reaches 80°C, add Sequence #3 ingredients and mix well.
5. In another beaker, weigh Sequence # 4 ingredients and heat to 80°C. Mix until free of particles.
6. Slowly add Sequence #4 to combined Sequences #1, #2, and #3 and mix well.
7. Add Sequence #5 to the batch and mix until emulsification is complete, increasing mixing speed as necessary.
8. Begin cooling batch to 25°C.
9. At 25°C, package in suitable containers.

## **SPECIFICATIONS:**

**pH:** 6.44

**Viscosity:** LVT-D @ 0.6 rpm for 1 minute – 546,800 cps

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<u>SEQUENCE</u>	<u>PERCENT</u>	<u>INGREDIENT</u>	<u>FUNCTION</u>
1	72.10	Deionized Water	Water
2	0.20	Carbopol® Ultrez 20 (Lubrizol Advanced Materials, Inc.)	Polymeric thickener
3	3.00	Glycerin, 99.7% USP (Jeen International Corp.)	Humectant; mpisturizer
3	1.00	Euxyl® PE-9010 (Schülke)	Preservative
3	0.10	Dissolvane® Na2-S (AkzoNobel Personal Care)	Chelating agent
4	4.00	<b>Shea XP™</b> (Sonneborn, LLC)	<b>Active emollient that delivers the protection of petrolatum, optimal TEWL and skin health benefits of shea triterpenes</b>
4	10.00	<b>Lilac®</b> (Sonneborn, LLC)	<b>Light emollient with smooth application, quick absorption, and a soft, silky after-feel</b>
4	3.00	Arlacel™ 165 (Croda, Inc.)	Emulsifier
4	1.50	Lipowax® D (Vantage Specialty Ingredients)	Emulsifier
4	1.00	Lipo Stearic Acid (Vantage Specialty Ingredients)	Viscosity increasing agent – non aqueous
4	3.50	Xiameter® PMX-200 Silicone Fluid 100 cSt (Dow Corning Corp.)	Emollient
4	0.10	Vitamin E CG (Jeen International Corp.)	Anti-oxidant
5	0.50	NaOH (18%)	pH adjuster

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