

sonneborn

Chemistry. By Nature.™

REPLENISHING BALM with SonneNatural® J-207

This smooth balm helps rejuvenate and plump fragile, mature skin. This luxurious balm features SonneNatural® J-207, which provides high spreadability and moisturization.

Ideal for use on the face, neck, and chest.

<u>SEQUENCE</u>	<u>PERCENT</u>	<u>INGREDIENT</u>	<u>INCI NAME</u>
1	71.35	Deionized Water	Water
1	0.10	Dissolvane Na 2S	Disodium EDTA
2	0.40	Ultrez 10	Carbomer
3	2.00	Butylene Glycol	Butylene Glycol
3	1.00	Euxyl PE-9010	Phenoxyethanol (and) Ethylhexylglycerin
4	6.00	SonneNatural J-207 (Sonneborn, Inc.)	Vegetable Oil (Olus Oil - EU)
4	5.50	Lilac® (Sonneborn, Inc.)	C14-22 Alkane
4	1.00	Lipocol C	Cetyl Alcohol
4	5.65	Lipomulse 165	Glyceryl Stearate (and) PEG-100 Stearate
4	1.00	Sepilift DPHP	Dipalmitoyl Hydroxyproline
4	0.50	BV-OSC	Tetrahexyldecyl Ascorbate
4	3.50	DC 200, 100 cs.	Dimethicone
4	0.20	Vitamin E Acetate	Tocopheryl Acetate
4	1.00	Chemyforest Acai	Euterpe Oleracea Fruit Oil
5	0.80	NaOH (18%)	Water (and) Sodium Hydroxide

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Procedure:

1. In main beaker, combine Sequence #1 ingredients and heat to 30°C - 35°C and mix until Dissolvane NaS has dissolved. Discontinue mixing.
2. Slowly sprinkle Sequence #2 onto the surface of Sequence #1 and allow it to hydrate for approximately 15 minutes.
3. Begin mixing combined Sequence #1 and Sequence #2 with low/medium speed propeller mixing. Begin heating to 80°C.
4. When batch temperature reaches 80°C, add Sequence #3 ingredients and mix well. Maintain batch temperature at 78°C - 80°C.
5. In another beaker, combine Sequence #4 ingredients and begin heating to 78°C - 80°C with medium speed propeller mixing. Mix until smooth and free of lumps and all solids have melted.
6. Slowly add Sequence #4 to the batch and mix for 10 - 15 minutes or until emulsification is complete.
7. Add Sequence #5 and mix well. Begin cooling.
8. Cool to 30° and package in suitable containers.

SPECIFICATIONS:

LVT-E @ 0.3 rpm for 1 minute - 597,300 cps
pH 5.93

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<u>SEQUENCE</u>	<u>PERCENT</u>	<u>INGREDIENT</u>	<u>FUNCTION</u>
1	71.35	Deionized Water	Solvent
1	0.10	Dissolvene Na 2S (Akzo Nobel)	Chelating Agent; Aids preservation
2	0.40	Ultrez 10 (Noveon)	Polymeric Thickener
3	2.00	Butylene Glycol	Moisturizer and humectant
3	1.00	Euxyl PE-9010 (Schulke Inc.)	Phenoxyethanol (and) Ethylhexylglycerin
4	6.00	SonneNatural J-207 (Sonneborn, Inc.)	Soft, natural emollient with medium cushion, slip, and playtime; neat petroleum jelly alternative.
4	5.50	Lilac® (Sonneborn, Inc.)	Light emollient with smooth application, quick absorbtion
4	1.00	Lipocol C (Lipo Chemicals, Inc.)	Viscosity increasing agent - non aqueous
4	5.65	Lipomulse 165 (Lipo Chemicals, Inc.)	Emulsifier
4	1.00	Sepilift DPHP (Seppic, Inc.)	Plumping, moisturizing, and anti-wrinkle active
4	0.50	BV-OSC (Barnet Products, Corp.)	Oil-soluble Vitamin C ester that has anti-oxidant and skin brightening activity
4	3.50	DC 200, 100 cs (Dow Corning)	Emollient
4	0.20	Vitamin E Acetate (BASF)	Skin Conditioning Agent; anti-oxidant
4	1.00	Chemyforest Acai (TAOS, Inc.)	Emollient and anti-oxidant that helps maintain the skin barrier; for dry, mature skin
5	0.80	NaOH (18%) (Ruger Chemical Co.)	pH adjuster

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