

# sonneborn

Chemistry. By Nature.™

## NATURAL BODY LOTION with SonneNatural® S-205

This lotion goes on smooth and absorbs quickly with no greasy after-feel. SonneNatural® S-205 provides high slip and long playtime as it moisturizes the skin and leaves it feeling supple and hydrated.

<u>SEQUENCE</u>	<u>PERCENT</u>	<u>INGREDIENT</u>	<u>INCI NAME</u>
1	73.74	Deionized Water	Water
2	3.00	Vegetable Glycerin	Glycerin
2	1.00	Solagum AX	Acacia Senegal Gum (and) Xanthan Gum
3	4.40	Montanov 68	Cetearyl Alcohol (and) Cetearyl Glucoside
3	6.50	SonneNatural S-205 (Sonneborn, Inc.)	Vegetable Oil (Olus Oil - EU)
3	1.00	Organic Cocoa Butter	Theobroma Cacao (Cocoa) Seed Butter
3	4.00	Liponate GC	Caprylic/ Capric Triglyceride
3	0.25	Lipocol SC	Cetearyl Alcohol
3	0.10	Covi OX T50	Tocopherol
3	0.50	Shea Butter	Butyrospermum Parkii (Shea Butter)
3	1.50	Lipo Vegetable Stearic Acid	Stearic Acid
3	1.50	Lexgard GMCY	Glyceryl Caprylate
4	2.00	Fucogel 1.5	Biosaccharide Gum-1
5	0.25	Sweet Orange Essential Oil	Citrus Sinensis Dulcis (Orange) Peel Oil
5	0.01	Jasmine Grand Essential Oil	Jasminum Grandiflorum (Jasmine) Flower Wax Oil
5	0.25	Neroli (3%) Essential Oil	Simmondsia Chinensis (Jojoba) Seed Oil (and) Citrus Aurantium Amara (Orange) Flower Oil

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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. Add Sequence #5 ingredients and mix well.
8. Package in suitable containers.

### Specifications:

pH 4.73

Viscosity: LVT #4 @ 12 rpm for 1 minute 10,300 cps

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<u>SEQUENCE</u>	<u>PERCENT</u>	<u>INGREDIENT</u>	<u>FUNCTION</u>
1	73.84	Deionized Water	Solvent
2	3.00	Vegetable Glycerin (Jedwards International, Inc.)	Humectant and moisturizer
2	1.00	Solagum AX (Seppic, Inc.)	Thickening and stabilizing polymer of natural origin
3	4.40	Montanov 68 (Seppic, Inc.)	Emulsifier of vegetable origin
3	6.50	<b>SonneNatural S-205</b> (Sonneborn, Inc.)	<b>Soft, natural emollient with low cushion, high gloss and slip, long playtime, and medium to high spreadability</b>
3	1.00	Organic Cocoa Butter (TAOS, Inc.)	Emollient
3	4.00	Liponate GC (Lipo Chemicals, Inc.)	Emollient
3	0.25	Lipocol SC (Lipo Chemicals, Inc.)	Viscosity increasing agent
3	0.10	Covi OX T50 (Cognis)	Skin conditioning agent; antioxidant
3	0.50	Shea Butter (Lipo Chemicals, Inc.)	Emollient
3	1.50	Lipo Vegetable Stearic Acid (Lipo Chemicals, Inc.)	Viscosity increasing agent
3	1.50	Lexgard GMCY (Inolex Chemical Co.)	Emollient, co-emulsifier, and antimicrobial agent
4	2.00	Fucogel 1.5 (Solabia)	Moisturizer
5	0.15	Sweet Orange Essential Oil (New Directions Aromatics)	Fragrance
5	0.01	Jasmine Grand Essential Oil (Organic Infusions)	Fragrance
5	0.25	Neroli (3%) Essential Oil (New Directions Aromatics)	Fragrance

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