

Bulletin No. SKC-A-068

Moisturizing Body Lotion with ESP A+ Powder™

A silky smooth Body Lotion that is formulated with ESP A+ Powder. Spreads smoothly and easily on skin, leaving a light luxurious feel. Can be used for after shower or after shaving.

Phase	Ingredient	INCI Name	Supplier	Formula Use Level
A	DI Water	Aqua		90.77%
A	ESP A+ Powder™*	Aloe Barbadensis Leaf Juice, Algin	ESP	2.00%
A	Citric Acid (50% aq. Sol.)**	Aqua, Citric Acid	Vivion	QS
B	ESP Organic Coconut Oil - Virgin*	Cocos Nucifera (Coconut) Oil	ESP	4.00%
C	ESP 100% Organic Glycerin*	Glycerin	ESP	2.00%
D	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Schulke & Mayr	0.98%
E	Coconut W/S	Fragrance	Cosmo International	0.25%
			Total	100%

*Indicates a NOP certified ingredient

**Indicates an ingredient permitted in organic products under section 205.605

Procedure:

1. Add ESP A+ Powder slowly to rapidly stirring water in main mixing vessel and allow to mix until the powder is completely solubilized.
2. Add Citric Acid (50% aq. Sol) slowly to the stirring mixture until pH is 4.5 – 5.0.
3. Note: A flowable, pseudoplastic gel will form as the pH drops.
4. Warm Phase B, Virgin Coconut Oil, to ensure it is completely liquid with no solid particles.
5. Slowly add Phase B ingredient to the main mixing vessel. Apply moderate agitation until mixture is uniform.
6. Add Phases C, D, and E ingredients one at a time to main mixing vessel. Allow to mix thoroughly until mixture is uniform.
7. Pour and package product.

Notes:

- The solution viscosity will continue to build for 18-24 hours, but obtains ~80% of final viscosity within 2 hours.
- Final product viscosity may be adjusted by simply varying the level of ESP A+ Powder in the formula.
- ESP A+ Powder may be “wetted out” with alcohol (in equal quantity of wetting agent to the powder), to improve dispersability and speed of the Phase A mixing step.
- This formula is very tolerant of most common ingredients used in personal care and cosmetic formulas.

Properties:

- pH @ 25°: 4.5 - 5.0.
- Viscosity (Brookfield LVT/No.2 Spindle/12 rpm): 10 000 – 20 000 cps.

The information contained in this technical data sheet is, to the best of our knowledge, true and accurate. No warranty, expressed or implied, is made or intended. Its use should be based upon the customer's own investigations and appraisal. No recommendation should be construed as an inducement to use a material in infringement of patents

A+ Gel, A+ Powder, Kerabead and Vegabead are registered trademarks of Platform Biopolymer Technologies, LLC.

Formula Reference No. 10-84-01