



In Shower Body Moisturiser

ASTON LR113/19

This formulation is a time-saving, easy way to moisturise your skin. Simply shower as usual and then apply the formulation to wet skin, rinse off and dab dry with a towel.

This in shower moisturiser is formulated with sustainability in mind, using vegetable butters and oils where possible.



Containing:

- **Romol AFSK** – A mild, ionic oil-in-water emulsifier that forms a water resistant film on the skin, leading to longer-lasting moisturisation
- **Feligel-305s** – Very effective aqueous thickener which can be used to thicken and stabilise emulsions. It is supplied as a white powder and is easy to use. The viscosity build using Feligel-305s is linear, which helps lead to predictable results.
- **Sunsil-130** – A porous silica microsphere that reduces tack in the formulation. Sunsil-130 has an average particle size of 6-9 microns and oil absorption of 0.9-1.3 cc/g.

In Shower Body Moisturiser

ASTON LR113/19



PHASE	INGREDIENT	SUPPLIER	%	COMPOSITION	FUNCTION
A	D.I. WATER		72.10	Aqua	Solvent
A	GLYCERIN		5.00	Glycerin	Humectant
B	WHITE BEESWAX		1.30	Cera Alba	Thickener and film former for after-feel
B	AKOGEL	AAK	5.00	Hydrogenated Vegetable Oil	Semi-solid vegetable gel (alternative to petrolatum) with a paste-like consistency that helps with moisturisation and after-feel
B	LIPEX 205	AAK	8.00	Butyrospermum Parkii (Shea) Butter	Liquid shea butter with a high level of bioactive shea unsaponifiables (7-8 %). Great moisturising and skin softening effects and easy to formulate with
B	LIPEX BASSOL C	AAK	5.00	Olus Oil	Vegetable oil with excellent oxidative stability
B	ROMOL AFSK	Aston/ Eleco	1.50	Potassium Cetyl Phosphate	Ionic, extremely mild O/W emulsifier that forms a water resistance film giving formulations a longer lasting effect
B	FELIGEL-305S	Aston/ DX Chemical	1.00	Hydroxyethyl Acrylate/ Sodium Acryloyldimethyl Taurate Copolymer	A highly effective polymeric aqueous thickener that is used to thicken and stabilise emulsions and gels
C	SUNSIL 130	Aston/ Sunjin	0.50	Silica	Silica microsphere (6-9 microns) to reduce greasiness and tack
D	EUXYL PE 9010	Schülke & Mayr	0.50	Phenoxyethanol, Ethylhexylglycerin	Preservative
D	FRAGRANCE		0.10	Parfum	Scandalous Red Fragrance

METHOD

- 1) Combine A phase and heat to 65-70°C with propeller stirring.
- 2) Combine Bs and heat to 65-70 °C with stirring. Ensure adequate dispersion of Romol AFSK and Feligel-305s as they will solubilise when the emulsion forms.
- 3) Homogenise A+B around 6000 rpm for 5 minutes to form the emulsion.
- 4) Add C with stirring until evenly dispersed.
- 5) Leave to cool to room temperature then add Ds, one at a time with paddle stirring.

