



Ultra-Light Hand Lotion

ASTON LR083/17

This is a silicone-free hand lotion with an ultra-light, silicone-like skin feel. It absorbs rapidly into your skin allowing you to use your touch screen phone/tablet almost immediately after application.

This lotion is packed full of ingredients that will help to keep your hands resilient to the stressful environment they are placed in.



Containing:

- **Beantree** – Ecocert approved, plant derived emollient ester with a light skin feel. Can be used as a silicone alternative.
- **Fucogel** – Multifunctional polysaccharide that provides moisturisation, soothes irritation, provides a silicone-like feel, and gives a skin restructuring effect.
- **Feligel-305s**– Water phase thickener. The polymer hydrates and swells instantly upon addition to polar systems.
- **DermaPep A530** – Anti-inflammatory active peptide for excellent skin soothing.

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PHASE	INGREDIENT	SUPPLIER	%	COMPOSITION	FUNCTION
A	D.I. WATER		72.80	Aqua	Solvent
A	FUCOGEL 1.5P	Aston/ Solabia	10.00	Aqua, Biosaccharide Gum-1	Multifunctional polysaccharide that provides moisturisation, soothes irritation, provides a silicone-like feel, and gives a skin restructuring effect.
B	BEANTREE	Aston / Alzo	11.50	Methylheptyl Isostearate	Ecocert approved, plant derived emollient ester with a light skin feel. Can be used as a silicone alternative.
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	DERMAPEP A530	Aston / Miwon	4.00	Butylene Glycol, Glycerin, Capryloyl Pentapeptide-26	Multifunctional anti-inflammatory peptide for irritated and sensitive skin.
C	EUXYL PE9010	Schülke & Mayr	0.50	Phenoxyethanol, Ethylhexylglycerin	Preservative
C	FRAGRANCE		0.20	Parfum	Purple Caimito fragrance

METHOD

1) Combine the A phase.

2) Combine the B phase, ensure adequate dispersion of Feligel-305s as it will solubilise when the emulsion forms.

3a) Low Shear Method: Pour Bs into As with propeller stirring at 500rpm. When combined, increase the stirring rate to 800 rpm and mix for 10 minutes.

OR

3b) High Shear Method: Combine As and Bs and homogenise at high shear, e.g. 6000 rpm.

4) Add Cs, one at a time, and paddle stir until homogeneous.

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