

ALZO International, Inc.

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Category:

Dermothix Mascara LF1-65

<i>Ingredient</i>	<i>INCI</i>	<i>Supplier</i>	<i>W/W%</i>
Phase A (Aqueous)			
DI Water	Water		50.6
Lucentite SWN	Magnesium Sodium Silicate	Kobo	1.0
1,3 Butylene Glycol	Butylene Glycol	Alzo	4.0
Polyderm PPI-PE/PA ED	Polyurethane- 58	Alzo	15.0
Phase B (Oil Phase)			
Dermothix 100	Disteareth-100 IPDI	Alzo	2.0
Polyderm PPI-CO-40	PEG-40 Hydrogenated Castor Oil/IPDI Copolymer	Alzo	4.0
Polyderm PPI CO-200	PEG-200 Hydrogenated Castor Oil/IPDI Copolymer	Alzo	4.0
Cupl PIC	PPG-2 Isoceteth-20 Acetate	Alzo	7.5
Phase C (Color)			
Black NF-11S2	Irox Oxides (C.I. 77499) and Triethoxycaprylylsilane	Kobo	8.0
Cell-U-Lash 90	Cellulose	Kobo	0.8
Cell-U Lash 40	Cellulose	Kobo	0.8
Silica MSS-500/3N	Silica	Kobo	2.0
Phase D (Preservative)			
Troycare FE02	Iodopropynyl Butylcarbamate (and) Phenoxyethanol	Troy	0.3
Total			100

Procedure:

- 1) Heat water and slowly add in Sumecton with increased over head stirring
- 2) Once Sumecton is fully dispersed add in 1,3 B.G. and PEPA with continued overhead stirring
- 3) In separate beaker combine esters of phase B and heat, once heated and dissolved add in Dermothix and stir until its dissolved
- 4) Add phase B to A with high shearing
- 5) Once homogenous add in powders and pigment of phase C
- 6) Cool, then add preservative

Alzo Product Benefits:

Polyderm PPI-PE/PA ED – is water based, low viscosity resinous polyurethane that forms clear films and is water and transfer resistant

Cupl PIC –is an oil, alcohol, and water soluble, oil in water emulsifier suitable in skin care and color cosmetics

Dermothix 100 – non-ionic thickener and rheology modifier, compatible with broad pH ranges