

Category: Skin Care

MD1-068: Dermothix 100 Petrolatum Cream

Ingredient	INCI	Supplier	W/W%
Phase A (aqueous)			
DI Water	Water	--	55.0
Dermothix 100	Disteareth-100 IPDI	Alzo International	3
Phase B (oils)			
Avatech 55 White Mineral Oil	Mineral Oil	Avatar	20
Pinnacle 190	Petrolatum	Avatar	20
Phase C (preservatives)			
Dermol CG	Caprylyl Glycol	Alzo International	0.2
Phenoxyetol	Phenoxyethanol	Clariant	0.8
Wildberry GRAS	Fragrance	Fragrance Design	1
TroyCare FE10	Iodopropynyl Butylcarbamate (and) Phenoxyethanol	Troy	0.5
Total			100.0

Manufacturing Procedure:

- 1) Heat water to 70-75°C and add Dermothix 100 to water under propeller mixing and mix until transparent.
- 2) In a side vessel heat Phase B to about 70-75 °C, stir until mixed and uniform, add Phase B to Phase A under propeller mixing. Mixing well until a bright white emulsion is formed, begin cooling to room temperature
- 3) Cool and add fragrance and preservative below 40°C and mix until homogenous

Alzo Ingredient Benefits:

Dermothix 100 – Nonionic thickening/rheology modifier that drastically reduced the greasiness of petrolatum and other oils. Not sensitive to pH or electrolytes.