



Category: Skin Care

MDI-068 Dermothix Petrolatum Cream

<i>Ingredient</i>	<i>INCI</i>	<i>Supplier</i>	<i>W/W%</i>
<i>Phase A</i>			
DI Water	Water	In House	55.000
Dermothix 100	Disteareth-100 IPDI	ALZO	3.000
<i>Phase B</i>			
Avatech™ 55 White Mineral Oil	Mineral Oil	Avatar	20.000
Pinnacle™ 190	Petrolatum	Avatar	20.000
<i>Phase C</i>			
Dermol CG	Caprylyl Glycol	ALZO	0.200
Dowanol EPG	Phenoxyethanol	Dow	0.800
Wildberry GRAS	Fragrance	Fragrance Design	1.000
TroyCare FE10	Iodopropynl butylcarbamate/ Phenoxyethanol	Troy	0.500
Total			
			100

Manufacturing Procedure:

1. Phase A, heat Water to 80°C, melt Dermothix 100 and add to the hot water under propeller mixing, Reduce heat to 60°C, and mix well 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 temp.
3. Cool and add fragrance and preservative below 40°C, fill components.

Benefits:

Dermothix 100 – Nonionic emulsifier and thickening/rheology modifier – gives light elegant feel with high petrolatum level

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