



Category: Hair Care

**MD1-047 Sulfate Free Clear Shampoo**

<i>Ingredient</i>	<i>INCI</i>	<i>Supplier</i>	<i>W/W%</i>
<b>PHASE A</b>			
Glycerin	Glycerin	ALZO	0.500
<b>Dermothix75</b>	<b>Disteareth-75 IPDI</b>	<b>ALZO</b>	<b>2.500</b>
<b>Foamtaine CAB</b>	<b>Cocamidopropyl Betaine</b>	<b>ALZO</b>	<b>15.000</b>
DI Water	Water	in house	41.000
Pureact C	Coco Glucoside	Innospec	24.000
Pureact D	Decyl Glucoside	Innospec	6.000
<b>PHASE B</b>			
Vitalizing Hair Care Oil	Brassica Campestris (Rapeseed) Seed Oil (and) Linum Usitatissimum (Linseed) Seed Oil (and) Simmondsia Chinensis (Jojoba) Seed Oil (and) Simmondsia Chinensis (Jojoba) Seed Extract (and) Emblica Officinalis Fruit Extract	ICSC / ALZO	1.000
<b>Cupl-PIC</b>	<b>PPG-2 Isoceteth-20 Acetate</b>	<b>ALZO</b>	<b>1.000</b>
<b>Dermol SLLC-L</b>	<b>Sodium Lauroyl Lactylate</b>	<b>ALZO</b>	<b>4.000</b>
<b>Dermol OPG</b>	<b>Ethylhexyl Pelargonate</b>	<b>ALZO</b>	<b>1.000</b>
<b>Polyderm PPI-SI-WS</b>	<b>Bis-PEG-15 Dimethicone/IPDI Copolymer</b>	<b>ALZO</b>	<b>3.000</b>
DOWANOL Eph	Phenoxyethanol	Dow	0.500
Cocconut mango	fragrance	Fragrance Design	0.500
<b>Total</b>			<b>100</b>

**Manufacturing Procedure:**

- 1) In the primary vessel heat and mix Phase A to 70°C mixing until uniform
- 2) In a side vessel add phase B heat and mix until uniform ~50°C
- 3) Add Phase B to Phase A and begin cooling to room temp.

**Benefits:**

**Dermothix™ 75** - is a non-ionic thickener and rheology modifier

**Dermol SLLC-L** - has great cleansing properties and forms rich and long lasting foam. It is ideal for sulphate-free and soap free systems

**Polyderm PPI-SI-WS** - is a water soluble conditioner for clear shampoos, conditioners and styling aids.

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