

Category: Shampoo

**TC1-168: Apple Baby Shampoo**

<i>Ingredient</i>	<i>INCI</i>	<i>Supplier</i>	<i>W/W%</i>
<b>Phase A (Aqueous and Surfactants)</b>			
Water	Water	N/A	60.45
Foamtaine CAB	Cocamidopropyl Betaine	Alzo International	30.0
Dermol SLLC-L	Sodium Lauroyl Lactylate	Alzo International	2.0
Glycerin	Glycerin	Alzo International	1.0
Dermothix 75 Liquid	Disteareth-75 IPDI (and) Glycereth-7 Caprylate/Caprylate/Caprata (and) water	Alzo International	5.0
<b>Phase B (Fragrance and Preservative)</b>			
Troy Care BD55	DMDM Hydantoin	Troy	0.3
Fragrance (Apple 295-412)	Fragrance	Alpine	0.5
<b>Phase C (Neutralize)</b>			
TEA	Triethanolamine		~0.75 (adjust till pH is 7)
<b>Total</b>			<b>100</b>

- 1) Add surfactants and Dermothix 75 liquid to water and mix until homogenous (leave out 3 per cent of water)
- 2) Once mixed, add preservative and fragrance to phase A
- 3) Mix until entire solution is homogenous and smooth

- 4) Neutralize with TEA to bring pH to 7 (\* pH can be adjusted with other ingredients)
- 5) After adjusting pH, add back in the extra water

Alzo Product Benefits:

Foamtaine CAB – mild foam promoting surfactant

Dermol SLLC-L – mild conditioning agent that adds dense rich foam

Dermothix 75 Liquid – viscosity builder that’s compatible with nonionic and ionic surfactant systems