

Category: Hair Care

**CM1-090: Color Protect Conditioner**

Ingredient	INCI	Supplier	W/W%
<b>Phase A (aqueous)</b>			
DI Water	Water	--	83.5
Polyderm PPI-SA-15	IPDI/PEG-15 Soyamine Copolymer	Alzo International	1
<b>Phase B (oil)</b>			
Nequat DBS	Stearyl Alcohol (and) Behenamidopropyl Ethyldimonium Ethosulfate (and) Dilinoleic acid (and) Dimethyl Palmitamine	Alzo International	6
Cetyl Alcohol	Cetyl Alcohol	Alzo International	4
Dermol DISM	Diisostearyl Malate	Alzo International	2
Dermol GRC	Glyceryl Ricinoleate	Alzo International	2
Polyderm PPI-SA	Di-PEG-2 Soyamine/IPDI Copolymer	Alzo International	1
<b>Phase C (preservatives)</b>			
TroyCare FE10	Iodopropynyl Butylcarbamate (and) Phenoxyethanol	Troy	0.5
<b>Total</b>			<b>100.00</b>

**Manufacturing Procedure:**

- 1) In a beaker, heat water phase to 70-75° C
- 2) In a separate beaker, combine oil phase and heat to 70-75° C, or until homogenous liquid mixture
- 3) Combine Phase A & B and homogenize until uniform
- 4) Cool and add preservative

**Alzo Ingredient Benefits:**

**Nequat DBS EX** – Behenyl quat cationic conditioner that offers exceptional softening detangling of the hair, and acts as a self-emulsifier in cationic creams.

**Polyderm PPI-SA** – cationic polymer derived from soya bean oil with superior deposition on skin and hair

**Polyderm PPI-SA-15** – water soluble conditioner for clear shampoos, conditioners and styling aids. Also adds substantive emolliency for skin care