

650 Jernee Mill Road Sayreville, New Jersey Phone (732) 254-1901 Fax (732) 254-4423

## Category: Makeup – Face

## DR1-036: Anti-Acne Dermothix 100 Concealer (2.0% Salicylic Acid)

Ingredient	inci	Supplier	W/W%
Phase A (Aqueous)			
Water	Water		59.78
1,3 Butylene Glycol	Butylene Glycol	Alzo International	2
Dermol CG	Caprylyl Glycol	Alzo International	0.5
Phenexetol	Phenoxyethanol	Clariant	0.5
Dermothix 100	Disteareth-100 IPDI	Alzo International	3
Phase B (Oil)			
Beantree	Methylhepyl Isostearate	Alzo International	5
Dermol MOS	Isostearyl Neopentanoate (and) Isocetyl Stearate	Alzo International	5
Dermol OL	Oleyl Lactate	Alzo International	5
Parapel HC-85	Linoleamidopropyl Ethyldimonium Ethosulfate (and) Dimethyl Lauramine Isostearate	Alzo International	1
Phase C (Colorants)			
Unipure White LC 987 ADT-C	CI77891 (and) Isopropyl Titanium Triisostearate (and) Bis-Hydroxyethoxypropyl Dimethicone (and) PEG-2 Soyamine (and) IPDI	Sensient	10
Unipure Yellow LC 182 ADT-C	CI77492 (and) Isopropyl Titanium Triisostearate (and) Bis-Hydroxyethoxypropyl Dimethicone (and) PEG-2 Soyamine (and) IPDI	Sensient	1
Unipure Red LC 381 ADT-C	CI77491 (and) Isopropyl Titanium Triisostearate (and) Bis-Hydroxyethoxypropyl Dimethicone (and) PEG-2 Soyamine (and) IPDI	Sensient	0.13
Unipure Black LC 989 ADT-C	CI77499 (and) Isopropyl Titanium Triisostearate (and) Bis-Hydroxyethoxypropyl Dimethicone (and) PEG-2 Soyamine (and) IPDI	Sensient	0.09
Phase D (Active)			
Salicylic Acid USP	Salicylic Acid		2
Ethanol 200 Proof	Alcohol Denat.		5
Phase E (pH Adjuster)			
TEA 99%	Triethanolamine	Alzo International	Adjust pH to 3.5
Total			100.00

## **Manufacturing Procedure**:

- 1) Add water phase ingredients (Phase A) to main beaker, blend with overhead mixer at heat to 70° C.
- 2) In separate beaker add oil phase ingredients (Phase B), heat to  $70^{\circ}$  C.
- 3) Add oil phase (Phase B) to water phase (Phase A) with increased mixing.
- 4) In separate beaker, combine pigment ingredients (Phase C), slowly mix into main beaker.
- 5) In separate beaker combine ingredients of active phase (Phase D) mix until all salicylic acid is solubilized in ethanol & add active phase to main beaker below 30° C.
- 6) Adjust pH to 3.5 using TEA

## **Alzo Ingredient Benefits**:

**Beantree** – Ecocert / Cosmos 100% Natural ester derived from castor and rapeseed. It is a light, dry ester that is a good alternative to volatile silicones

**Dermol OL** - medium viscosity ester that provides cushion to the application and boosts hydration of the skin & lips

**Dermothix 100** – water soluble polyurethane thickener and gelling agent. It is self-leveling and exhibits unique flow properties, which improves application and payoff

**Parapel HC-85** – water-soluble cationic conditioner with anti-static & detangling properties for the hair and softening for the skin

All information contained herein is intended primarily to demonstrate the utility of **ALZO** products. Suggestions for uses or applications are only opinions. The user is responsible for determining the suitability of these products for their own particular purpose. We assume no liability in the presentation of this data, nor should this information be constructed as granting license to practice any methods or compositions of matter covered by U.S. or foreign patents.