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ELEMENTIS
SPECIALTIES

ANTIDANDRUFF SHAMPOO WITH BENTONE® MA

REF - BY3031/13

Antidandruff Shampoo containing BENTONE® MA, rheological additive

Advantages

The presence of BENTONE® MA, rheological additive, in this system:

- Imparts viscosity
- Helps suspend the Zinc Pyrithione
- Produces a stable emulsion at increased temperatures

Ingredient	Supplier	% w/w
PART A		
BENTONE® MA (Hectorite)	ELEMENTIS Specialties	1.5
Methocel E15 (Hydroxypropyl Methylcellulose)	Dow Chemical	0.25
Deionized Water		52.9
PART B		
Zinc Omadine 48% Aq. Dispersion (Zinc Pyrithione)	Arch Personal Care	2.0
PART C		
SERDET® DFK 30 (Sodium Lauryl Sulfate)	ELEMENTIS Specialties	30.0
Tego Betaine F50 (Cocamidopropyl Betaine)	Evonik Degussa	7.0
Tego Pearl N 100 (Glycol Distearate and Steareth-4)	Evonik Degussa	3.0
Monamid CMA (Cocamide MEA)	Uniqema	2.5
PART D		
Lanodant DM (DMDM Hydantoin)	RITA	0.5
Rain Fresh (Fragrance)	Bell Flavors & Fragrances	0.1
FD & C Green #3 (0.1% Solution) (Green 3)		0.25
Citric Acid (50% Solution)		To pH 5.5 – 6.0

Procedure

1. Predisperse Part A with high shear and mix for at least 20 minutes until uniform.
2. Disperse Part B in Part A with high shear and mix until uniform.
3. Add Part C ingredients in the order given, using lower shear mixing.
4. Add Part D ingredients in the order given, using lower shear mixing until uniform.

N.B.

Please refer to the Product Data Sheets for additional advice on incorporation

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