

OIL CONTROL SHAMPOO PASTE

with TAPIOCA NATURAL

”Formulated and developed by Evonik (ref. LE 2/3/1)”

Shampoo concentrate for oily hair & scalp (Surfactant a.m. ~28%). TAPIOCA NATURAL provide reduced greasiness on hair.

Ingredients	INCI-Name	% w/w	Supplier
Phase A			
VARISOFT® EQ ₆₅ MB	Distearoylethyl Dimonium Chloride; Cetearyl Alcohol	3,10	Evonik
TEGO® Alkanol 1618 MB	Cetearyl Alcohol	3,00	Evonik
Glycerin	Glycerine	39,07	Evonik
Phase B			
Sodium Cocoyl Isethionate, 85%	Sodium Cocoyl Isethionate	23,90	Personal Formula Resources
TAPIOCA NATURAL			
	Tapioca Starch	6,67	AGRANA
TEGO® Feel C 10	Cellulose	3,33	Evonik
Phase C			
RHEANCE® One	Glycolipids	8,00	Evonik
TEGO® Betain 810 MB	Capryl/Capramidopropyl Betaine	11,43	Evonik
Phase D			
VARISOFT® EQ ₉₀	Dioleoylethyl Hydroxyethylmonium Methosulfate	1,00	Evonik
Phase E			
Dermosoft® Octiol	Caprylyl Glycol	0,50	Evonik

PROCEDURE:

1. Heat up phase A to 80°C-85°C . Ensure it is well mixed.
2. Add phase B. Ensure each ingredients is blend well before adding the next ingredient
3. Blend using ESGE at 14000rpm for 1 min.
4. Add phase C, ingredient by ingredient, ensuring each ingredients are well mixed.
5. Cool to below 40°C and add phase D. Blend with ESGE at 14000 rpm for 1 min.
6. Add phase E with mixing.

APPEARANCE:

Pale paste

STABILITY TEST:

In Process

MICROBIOLOGICAL SAFETY:

Low risk formulation – no challenge test needed



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