

FORMULATION EXAMPLE

MDA-P-31-04 MB 66

Shampoo

Frozen Whites

Ingredients

A

Timiron® SynWhite Satin

Carbopol® Aqua SF-1 Polymer

Water, demineralized

Texapon NSO UP

Sodium Hydroxide, 10%

B

Tego Betain F 50

Proteol O.A.T.

Euxyl K 500

Fragrance Coton

INCI (US)

[%]

(1)	SYNTHETIC FLUORPHLOGOPITE (AND) TITANIUM DIOXIDE (AND) TIN OXIDE	0.01
(2)	ACRYLATES COPOLYMER WATER	8.00 44.00
(3)	WATER (AND) SODIUM LAURETH SULFATE	40.00
(1)	WATER (AND) SODIUM HYDROXIDE	0.00
(4)	COCAMIDOPROPYL BETAINE	5.60
(5)	SODIUM LAUROYL OAT AMINO ACIDS	1.00
(6)	WATER (AND) DIAZOLIDINYL UREA (AND) SODIUM BENZOATE (AND) POTASSIUM SORBATE	1.00
(7)	FRAGRANCE	0.40

Procedure:

Put the water of phase A into the beaker first and add the pearlescent pigment while stirring. Disperse Carbopol Aqua SF-1 and add Texapon NSO UP while stirring. Adjust to pH=6.8 with Sodium Hydroxide solution, if necessary. Add Tego Betain F 50 and remaining components of phase B while gently stirring. Fill the bulk into packages of choice.

Notes:

Suppliers:

(1) Merck KGaA, Darmstadt, Germany / EMD Performance Materials

(3) BASF AG

(5) Seppic

(7) Cosnadern GmbH

(2) Gattefossé GmbH

(4) Evonik Nutrition & Care GmbH

(6) Schülke & Mayr GmbH

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