

Formulation Example

MDA-P-128-01

Solid shampoo - Intense care with Ronacare® and RonaFlair®

Ingredients

A

RonaCare® AP

RonaCare® Bisabolol nat.

Jojoba Oil, refined DAC

Sweet Almond Oil

Cegesoft HF 62

B

RonaFlair® Boroneige® SF-3

RonaFlair® Satin

Ronastar® Diamond Black IQ

C

ELFAN® AT 84 G

D

RonaCare® Sodium Benzoate

RonaCare® Potassium Sorbate

Glycerol, anhydrous

Citric acid, 20% solution

Water, demineralized

E

Fragrance (q.s.)

all-rac-alpha-Tocopherol

INCI US

[%]

(1)	BIS-ETHYLHEXYL HYDROXYDIMETHOXY BENZYL MALONATE	1.00
(1)	BISABOLOL	0.50
(2)	SIMMONDSIA CHINENSIS (JOJOBA) OIL	7.00
(2)	PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) OIL	6.50
(3)	HYDROGENATED VEGETABLE OIL	20.00
(1)	BORON NITRIDE	5.00
(1)	ILLITE	5.00
(1)	IRON OXIDES (AND) ALUMINA (OR ALTERNATIVELY: SYNTHETIC SAPPHIRE) (AND) SILICA (AND) IRON OXIDES	2.00
(4)	SODIUM COCOYL ISETHIONATE	30.00
(1)	SODIUM BENZOATE	0.50
(1)	POTASSIUM SORBATE	0.50
(1)	GLYCERIN	5.00
	WATER (AND) CITRIC ACID	1.25
	WATER	15.25
	FRAGRANCE	0.00
(1)	TOCOPHEROL	0.50

Procedure:

Heat phase A to 80°C while mixing. Add premixed phase B and stir until everything is well dispersed. Mill phase C and add slowly to phase A/B, stir until homogeneous.

Solubilize the preservatives of phase D in water and glycerin. Adjust pH to 5-5,5 if necessary.

Heat phase D to 80°C and add phase D into phase A/B/C. Homogenize.

Cool down to 75°C, add phase E and mix well. At T=75°C, pour the mixture into pre-powdered molds (with the same pigment blend used in the formulation) and put the molds into a refrigerator for at least 5 hours.

Notes:

Appearance: Solid greyish shampoo bar, with good foaming properties when applied on hair

pH (10% in water) = 4,8

Stability tests ongoing (11/2020)

Suppliers:

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

(3) BASF AG

(2) Gustav Heess GmbH

(4) Azelis Germany GmbH

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