

Formulation Example

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Anti-aging exfoliating gel-to-milk - ECOCERT

Ingredients	INCI (US)	[%]
A		
RonaCare® Ectoin	(1) ECTOIN	1.00
Water, demineralized	WATER	3.30
Glycerol 85%	(1) GLYCERIN (AND) WATER	20.00
SURFHOPE C-1216	(2) SUCROSE LAURATE	2.50
SURFHOPE C-1816	(2) SUCROSE STEARATE	2.50
B		
Cetiol C5	(3) COCO-CAPRYLATE (AND) TOCOPHEROL	22.40
Avocado refined oil	(4) PERSEA GRATISSIMA (AVOCADO) OIL	20.00
Organic Jojoba Oil	(4) SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL	20.00
C		
RonaCare® Potassium Sorbate	(1) POTASSIUM SORBATE	0.50
RonaCare® Sodium Benzoate	(1) SODIUM BENZOATE	0.50
RonaCare® RenouMer	(1) WATER (AND) POLYSIPHONIA ELONGATA EXTRACT (ALGAE EXTRACT) (AND) SODIUM BENZOATE (AND) CITRIC ACID	2.00
D		
Colorona® Majestic Green	(1) TITANIUM DIOXIDE (AND) MICA (AND) CHROMIUM OXIDE GREENS	0.60
Timiron® Arctic Silver	(1) TITANIUM DIOXIDE (AND) MICA (AND) SILICA	0.20
Florabeads jojoba White 60/100	(5) HYDROGENATED JOJOBA OIL	1.60
Florabeads jojoba jade 28/60	(5) HYDROGENATED JOJOBA OIL (AND) CHROMIUM HYDROXIDE GREEN	0.50
E		
all-rac-alpha-Tocopheryl acetate	(1) TOCOPHERYL ACETATE	0.20
RonaCare® Bisabolol	(1) BISABOLOL	0.50
F		
Citric acid 30%	(1) WATER (AND) CITRIC ACID	1.70

Procedure:

Dissolve Ectoin into water at room temperature, add glycerin then sucroesters. Stir until homogeneous (30 min).

Heat phases A and B to 80°C. While mixing, add phase B to phase A very slowly and increase the stirring speed as the viscosity of the gel increases. Cool under stirring. At 40°C, add premixed phase C and stir until homogeneous. Then add phase D and stir until all pigments and beads are well dispersed. Then add phase E and stir until homogeneous. Adjust pH to 5-5.5 with phase F.

Notes:

Appearance : Thick green gel with blue interferences and green beads

pH : 5.33

Viscosity : 110 000cP (Fungilab Expert, Spindle PD, 10rpm). The product reaches its viscosity after 1 month

Stability : 3 months at room temperature, 4°C and 45°C

According to our knowledge, all mentioned raw materials are commonly accepted by Ecocert. However it has not been checked if the production of these materials fulfills the Ecocert requirements.

Formulation Example

Suppliers:

- | | |
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| (1) Merck KGaA, Darmstadt, Germany / EMD Performance Materials | (2) Gattefossé GmbH |
| (3) BASF AG | (4) IES Labo |
| (5) FLORATECH® EU | |

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