

FORMULATION example

MSAS.913.06.06.17 Silky fluid - SPF 20, Broad Spectrum

Ingredients	INCI (US)	[%]
A		
Eusolex® T-AVO	(1) TITANIUM DIOXIDE (AND) SILICA	8.00
RonaCare® Zinc Oxide	(1) ZINC OXIDE	4.00
Myritol 318	(2) CAPRYLIC/CAPRIC TRIGLYCERIDE	55.80
Cetiol® OE	(2) DICAPRYLYL ETHER	5.00
Cetiol® LC	(2) COCO-CAPRYLATE/CAPRATE	5.00
Cetiol CC	(2) DICAPRYLYL CARBONATE (AND) TOCOPHEROL	10.00
Organic sweet almond oil	(3) PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) OIL	7.00
B		
RonaFlair® Flawless	(1) SILICA (AND) TITANIUM DIOXIDE (AND) IRON OXIDES	5.00
C		
all-rac-alpha-Tocopheryl acetate	(1) TOCOPHERYL ACETATE	0.20

Procedure:

Heat phase A without the UV-filters to 80°C. Then, disperse Eusolex® T-AVO and RonaCare® Zinc Oxide. Add phase B and stir until everything is well dispersed. Cool down and at T < 40°C add phase C and stir until homogeneous.

Notes:

Shake before use

Appearance : very fluid white lotion

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

Suppliers:

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

(2) BASF AG

(3) HUILERIE EMILE NOËL SAS

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