

Formulation Example

MDA-P-76-01 CC-Skin Control

Ingredients

A

RonaCare® Bisabolol
Eusolex® 2292
Oxyhex® ST Liquid

Biobase™ S

Cetiol® AB
DUB Zenoat

B

Water, demineralized
RonaFlair® Boroneige® SF-3
Glycerol 85%
RonaCare® Ectoin
Eusolex® UV-Pearls® OB-S X

Unipure Red LC 381
Unipure Yellow LC 182
Unipure Black LC 989
Avicel PC 611

Keltrol® CG-RD

C

Euxyl® PE 9010

D

Sodium Hydroxide, 10%
Fragrance Sun

INCI (US)

[%]

(1)	BISABOLOL	0.50
(1)	OCTYL METHOXYCINNAMATE	5.00
(1)	DIETHYLHEXYL SYRINGYLIDENE MALONATE (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE	0.20
(2)	GLYCERYL STEARATE (AND) CETEARYL ALCOHOL (AND) SODIUM STEAROYL LACTYLATE	5.00
(3)	C12-15 ALKYL BENZOATE	8.30
(4)	PROPANEDIOL DICAPRYLATE	2.00
	WATER	52.67
(1)	BORON NITRIDE	4.00
(1)	GLYCERIN (AND) WATER	3.00
(1)	ECTOIN	1.00
(1)	WATER (AND) OCTOCRYLENE (AND) SORBITOL (AND) AVOBENZONE (AND) SILICA (AND) PVP	15.00
(5)	IRON OXIDES	0.15
(5)	IRON OXIDES	0.60
(5)	IRON OXIDES	0.05
(6)	MICROCRYSTALLINE CELLULOSE (AND) CELLULOSE GUM	1.00
(7)	XANTHAN GUM	0.30
(8)	PHENOXYETHANOL (AND) ETHYLHEXYL GLYCERIN	1.00
(1)	WATER (AND) SODIUM HYDROXIDE	0.03
(9)		0.20

Procedure:

Disperse all ingredients besides Avicel PC 611 and Xanthan Gum in water of phase B. Disperse Avicel PC 611 and Xanthan Gum in phase B and homogenize (Ultra-Turrax, 1min, 8000rpm) phase B. Heat phases A and B to 75-80°C. Stir phase A into phase B and homogenize (Ultra-Turrax, 1min, 8000rpm) again. Cool down while stirring and add phases C and D separately. Adjust pH value to 5,6.

Notes:

Suppliers:

(1) Merck KGaA, Darmstadt, Germany / EMD Performance Materials
(3) BASF AG
(5) S. Goldmann GmbH & Co. KG
(7) RAHN GmbH
(9) Frey & Lau GmbH

(2) OTC GmbH
(4) Stearinerie Dubois Fils
(6) Azelis Germany GmbH
(8) Schülke & Mayr GmbH

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