

Formulation Example

Rahmenrezeptur

Merck Chimie SAS 606.10.07.10

SUNNY VELVET LOTION (BASE + BOOSTER)

Ingredients	Art. No.	INCI	[%]
A			
Demineralized water		AQUA (WATER)	20.90
Onativ' Apricot Organic P	(2)	PRUNUS ARMENIACA (APRICOT) FRUIT WATER	22.00
Glycerin 100% organic	(3)	GLYCERIN	5.00
Bentone EW	(4)	HECTORITE	1.00
Keltrol CG-SFT	(5)	XANTHAN GUM	0.50
RonaCare® Tiliroside	1.30214	(1) SORBITOL (AND) TILIROSIDE	0.50
B			
Emulium kappa	(6)	CANDELILLA/JOJOBA/RICE BRAN POLYGLYCERYL-3 ESTERS (AND) GLYCERYL STEARATE (AND) CETEARYL ALCOHOL (AND) SODIUM STEAROYL LACTYLATE	5.00
Organic decolorized Jojoba Seed Oil	(3)	BUXUS CHINENSIS SEED OIL	6.00
Cetiol C5	(7)	COCO-CAPRYLATE	9.00
Organic apricot soft butter	(8)	HYDROGENATED PRUNUS ARMENIACA (APRICOT) KERNEL OIL	10.00
C			
Microcare DB	(9)	BENZOIC ACID (AND) DEHYDROACETIC ACID	1.00
Vitamin E natural	(7)	TOCOPHEROL	0.10
RonaFlair™ White Sapphire	1.17751	(1) SYNTHETIC SAPPHIRE	0.50
Colorona® Bright Gold	1.17321	(1) MICA (AND) TITANIUM DIOXIDE	0.27
Colorona® Oriental Beige	1.17237	(1) MICA (AND) TITANIUM DIOXIDE (AND) IRON OXIDES	0.08
Perfume "Douce Nature" NATCO 0911606	(10)	PARFUM	0.15
D			
Demineralized water		AQUA (WATER)	8.80
Microcare SB	(9)	SODIUM BENZOATE (AND) POTASSIUM SORBATE	0.20
Onativ' Apricot Organic P	(2)	PRUNUS ARMENIACA (APRICOT) FRUIT WATER	6.00
Dihydroxyacetone	1.10150	(1) DIHYDROXYACETONE	2.00
Frangipani Floral Water	(11)	AQUA (AND) PLUMERIA ALBA PLUMERIA RUBRA (AND) POTASSIUM SORBATE	0.50
Tiare Floral Water	(11)	AQUA (AND) GARDENIA TAHITENSIS FLOWER EXTRACT (AND) POTASSIUM SORBATE	0.50
Citric acid (sol. 20%)	1.00242	(1) CITRIC ACID	0.03

Procedure :

BASE

Phase A: Mix water, apricot water and bentone EW with ultraturax stirring at 65°C. Then, add glycerine + xantha n gum at 75°C while stirring. Add tiliroside. **Phase B:** Heat phase B at 75°C while magnetic stirring. Proceed to emulsion by adding phase B onto phase A, while constant into intensive heating (75°C) and high stirring during 15 min. Adapt stirring to emulsion viscosity while cooling down to 40°C. Finally, add ingredients of **Phase C** while stirring. Stop stirring when the emulsion temperature is near 25°C.

BOOSTER

Phase D: mix water, Apricot, Frangipani and Tiare water and microcare SB while magnetic stirring at RT during 5 min. Then, add DHA extrapure while stirring during 15 min. Finally, mesure pH of phase D and add citric acid to adjust pH.

Notes :

Aspect : rosy beige emulsion and incolor transparent lotion

Stability : 2 months at room temperature and 45°C

Suppliers:

(1) Merck KGaA / Rona®

(2) Safic-Alcan

(3) Prod'hyg

(4) SACI-CFPA

(5) CP-Kelco

(6) Gattefossé

(7) Cognis France

(8) Phytocos (P2F)

(9) Thor Personal Care SAS

(10) Expressions Parfumées

(11) Pacific Sud Ingrédients

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