

# Suntouch Bronzing Cream

**3042-1.10**



**+ Healthy Glow**

**+ No DHA**

**+ Soft & Non Sticky**

Phase	Name	INCI	Supplier	%
A	<b>EMULIUM® DOLCEA MB</b>	CETEARYL ALCOHOL, GLYCERYL STEARATE, JOJOBA ESTERS, HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX, SODIUM STEAROYL GLUTAMATE, WATER, POLYGLYCERIN-3	GATTEFOSSÉ	<b>4.00</b>
	<b>MOD MB</b>	OCTYLDODECYL MYRISTATE	GATTEFOSSÉ	<b>8.00</b>
	<b>LIPOCIRE™ A SG</b>	C10-18 TRIGLYCERIDES	GATTEFOSSÉ	<b>3.00</b>
	<b>LABRAFACT™ CC MB</b>	CAPRYLIC/CAPRIC TRIGLYCERIDE	GATTEFOSSÉ	<b>8.00</b>
	LEXFEEL™ NATURAL	HEPTYL UNDECYLENATE	INOLEX	4.00
B	DEMINERALIZED WATER	WATER	-	52.75
	AVICEL® PC 591	MICROCRYSTALLINE CELLULOSE, CELLULOSE GUM	DUPONT	1.00
	SATIAXANE™ VPC 911	XANTHAN GUM	CARGILL	0.20
C	GLYCERIN	GLYCERIN	-	8.00
	PROPANEDIOL	PROPANEDIOL	-	3.00
D	MIYOAQUA YELLOW	IRON OXIDES, ALGIN	MIYOSHI	1.50
	MIYOAQUA RED	IRON OXIDES, ALGIN	MIYOSHI	0.60
	MIYOAQUA BLACK NH	IRON OXIDES, ALGIN	MIYOSHI	0.30
E	SYNCRYSTAL® SPRING GOLD	SYNTHETIC FLUORPHLOGOPITE, TITANIUM DIOXIDE, TIN OXIDE, IRON OXIDES	ECKART	1.00
	COVAPEARL® LIGHT BROWN 830	MICA, IRON OXIDES	SENSIENT	1.00
	COVAPEARL® ANTIQUE SILVER 239	MICA, TITANIUM DIOXIDE, IRON OXIDES	SENSIENT	0.50
F	EUXYL™ K 712	WATER, SODIUM BENZOATE, POTASSIUM SORBATE	SCHULKE & MAYR	1.50
G	PERFUME INCROYABLE ITM528727	PARFUM	DOMAINE D'ARGEVILLE	0.15
H	CITRIC ACID (10% SOL.)	WATER, CITRIC ACID	-	1.50
				100.00

## Operating instructions

- Phase A: Weigh phase A into a beaker and melt in a water bath at 80°C.
- Phase B & C: Weigh phase B and disperse Avicel® PC 591 in water at 75°C, then add xanthan gum and disperse with defloculator for 15 minutes.
- Mix glycerin + propanediol and pre-wet Avicel® PC 591 and xanthan gum separately, then stir phases B + C for 15 minutes at 70°C using Ultra-Turrax®.
- Phase D: Pre-wet pigments in remaining glycerin + propanediol, add to the mix at ~70°C and disperse using Ultra-Turrax® (check with paper drawdown).
- Final Emulsion: Emulsify B + C + D into A, maintain at 75–80°C for 5 minutes under high shear, then cool down to ~50°C.
- Phase E: Add pearlescent pigments and mix gently to avoid breaking them.
- Phase F & G: Add preservative + fragrance at 30°C.
- Phase H: Add citric acid to adjust pH at 25°C, the pH need to be under 5.5.



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### Description

Applied alone for an intense bronzing effect, or mixed with a cream or foundation for a healthy glow, this cream brings an immediate radiance. **Emulium® Dolcecia MB**, formulators' favorite emulsifier for its robustness, brings softness and moisturization.

The sensoriality was designed to match a face or body application.  
Let's shine!

### Specifications

- + Aspect: Brown pearlescent cream
- + pH: 5.0 ± 0.3
- + Viscosity Brookfield RV (spindle A, speed 5): approx. 11 000 mPa.s after 24h
- + >97% natural origin (ISO 16128)

### Ingredients

- **Emulium® Dolcecia MB** is a robust O/W emulsifier of 100% natural origin that, used at 4%, creates a stable emulsion with an extreme softness and brings immediate and long-term moisturization.
- **Lipocire™ A SG** is a texturizing agent that brings a melting sensation thanks to its melting point close to body temperature.
- **MOD MB** is an emollient providing a rich feel and improving the spreadability. **Labrafac™ CC MB** and Lexfeel natural, 2 other emollients, lighten the feel while maintaining a good spreadability.
- Euxyl™ K 712 is a preservative that needs a low pH (<5.5).
- Miyoaqua are hydrophilic coated pigments.
- Glycerin at 8% and propanediol at 3% has humectant properties, but also help to increase spreadability for a body application.