

Orange Candy Bi-gel

2925-3.07



- + **Quickbreak**
- + **Surfactant free**
- + **Tonifying & vitalizing**

Phase	Name	INCI	Supplier	%
A1	DEMINERALIZED WATER	WATER	–	55.09
	ORIGINAL EXTRACT™ ORANGE BIO	CITRUS AURANTIUM DULCIS (ORANGE) FRUIT WATER	GATTEFOSSE	10.00
	GLYCERIN	GLYCERIN	–	5.00
	PROPANEDIOL	PROPANEDIOL	–	10.00
A2	CARBOPOL® ULTREZ 21	ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	LUBRIZOL	0.30
A3	SODIUM HYDROXIDE (10 % SOL.)	WATER, SODIUM HYDROXIDE	–	0.10
B	EMULFREE® CBG MB	ISOSTEARYL ALCOHOL, BUTYLENE GLYCOL COCOATE, ETHYLCELLULOSE	GATTEFOSSE	5.00
	GELEOL™ MB	GLYCERYL STEARATE	GATTEFOSSE	1.00
	LIPOCIRE™ A SG	C10-18 TRIGLYCERIDES	GATTEFOSSE	2.00
	MOD MB	OCTYLDODECYL MYRISTATE	GATTEFOSSE	8.00
	PRESERVATIVE	PRESERVATIVE	–	1.00
C	SODIUM HYDROXIDE (10 % SOL.)	WATER, SODIUM HYDROXIDE	–	0.50
D	ENERGINIUS®	FRUCTOSE, GLYCERIN, WATER, WITHANIA SOMNIFERA ROOT EXTRACT	GATTEFOSSE	1.00
	UNICERT® YELLOW 08006-J (1.0% SOL.)	WATER, YELLOW 6	SENSIENT	0.34
	UNICERT® RED 07004 J (1.0% SOL.)	WATER, RED 4	SENSIENT	0.08
	UNICERT® YELLOW 08005-J (1.0% SOL.)	WATER, YELLOW 5	SENSIENT	0.19
	SYNCRYSTAL® SOFT SILVER	SYNTHETIC FLUORPHLOGOPITE, TITANIUM DIOXIDE, TIN OXIDE	ECKART	0.20
E	PERFUME ORANGE 2 ITM0632082	PARFUM	DOMAINE D'ARGEVILLE	0.20
				100.00

Operating instructions

- Prepare water phase A1 by mixing ingredients and start heating to 75°C. Add phase A2 by sprinkling Carbopol® Ultrez 21 and let sit under low mixing until Carbopol® is hydrated.
- Pre-neutralize the Carbopol® by adding phase A3 under medium mixing or low rotor stator shear. Maintain the temperature at 75°C.
- Heat oil phase B to 75°C until melted and homogeneous.
- Proceed with the emulsion of oil phase B into water phase A, slowly, under moderate mixing (1500 rpm), increasing the speed while adding. At the end, mix under high shear (3000 rpm) for 15 minutes.
- Finish to neutralize the Carbopol® Ultrez 21 with phase C at 75°C under moderate mixing for 5 minutes.
- Cool down under slow mixing until reaching 40°C and add phase D under moderate mixing.
- Cool down until reaching 25°C under slow mixing and finally add phase E.

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Description

With a gel-cream appearance, this bi-gel is translucent upon application, and breaks into water for a surprising fresh sensation thanks to **Emulfree® CBG MB**. Let its orange candy perfume revive your childhood memories.

Specifications

- + Aspect: Orange iridescent bi-gel cream
- + Viscosity Brookfield RV (spindle B, speed 5): approx. 52 000 mPa.s after 24h
- + pH: 6.1 ± 0.3
- + Natural origin > 93% (ISO 16128)

Ingredients

- **Emulfree® CBG MB** is a surfactant free system that creates bi-gels with a watery sensation. Most of the time used for fluid textures, the addition of consistency agents as **Geleol™ MB** and **Lipocire™ A SG** enable the creation of a cream with a medium viscosity, and still a quickbreak and fresh feeling.
- **Original Extract™ Orange Bio** is an upcycled fruit water, COSMOS certified, that can replace formulation water up to 100%.
- **MOD MB** is an emollient providing a rich feel and improving the spreadability.
- Carbopol® Ultrez 21 is a self wetting acrylate. It is highly recommended to use Carbopol® in bi-gels to achieve a good stability. It is neutralized in two times to begin to gellify before emulsification (for stability), and then complete it to reach the final viscosity after emulsification.
- **Energinius®**, derived from the roots of Indian Ginseng, boosts cellular energy and dynamism, restores skin vitality, and improves skin firmness and tonicity.
- Syncrystal® Soft Silver is a synthetic pearlescent pigment, giving light reflection.