

BB Cream

with **Lysofix™ Liquid, Rosamox™ and FloraGLO™ Lutein 5% Topical Liquid in Safflower Oil**

Formulation: KPC/PD13008.02

Phases	Ingredients	% w/w
A	Deionized Water	38.63
	Sodium Dehydroacetate	0.12
	Sodium Hydroxide	0.1
B	Microcrystalline Cellulose (and) Cellulose Gum ¹	1
C	Glycerin	5.00
	Xanthan Gum	0.30
D	Titanium Dioxide (and) Aqua (and) Polyglyceryl-2 Caprate (and) Sucrose Stearate (and) Simmondsia Chinensis (Jojoba) Seed Oil (and) Stearic Acid (and) Alumina (and) Glyceryl Caprylate (and) Squalene ²	16.00
E	Lysofix™ Liquid - Glycerin (and) Glycine soja (Soybean) Seed Extract	5.00
	<i>Olea europaea</i> (Olive) Seed Oil	4.00
	<i>Helianthus annuus</i> (Sunflower) Oil	8.00
	Caprylic/Capric Triglyceride ³	8.00
	Rosamox™ - <i>Helianthus annuus</i> (Sunflower) Seed Oil (and) <i>Rosmarinus officinalis</i> (Rosemary) Leaf Extract	0.25
F	Behenyl Alcohol ⁴	3.00
	Cetearyl Alcohol (and) Ceteth-20 Phosphate (and) Dicetyl Phosphate ⁵	3.50
	FloraGLO™ Lutein 5% Topical Liquid in Safflower Oil - <i>Carthamus tinctorius</i> (Safflower) Seed Oil (and) <i>Tagetes erecta</i> Flower Extract	0.10
	Iron Oxides CI77492	1.07
G	Iron Oxides CI77499	0.06
	Iron Oxides CI77491	0.21
	Titanium Dioxide USP CI77891	3.66
	Silica	1.00
I	Phenoxyethanol (and) Ethylhexylglycerin ⁶	1.00

Total: 100

Bold denotes products available from Kemin.

¹VivaPur® Cos 5 - Gattefosse; ²Solaveil™ XT 40W LQ - Croda; ³Jeechem CTG - Jeen Products; ⁴Lanette® 22 - BASF; ⁵Crodafos™ CS20A - Croda; ⁶Luxy® PE 9010 - Schulke

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- Multiple skin benefits
- Enhances skin look
- Light coverage



Manufacturing Process:

1. Weigh Phase A and adjust to be homogenized.
2. Add Phase B to the main phase while homogenizing for 15 minutes.
3. Add Phase C to the main phase and mix well for 30 minutes.
4. Add Phase D to the main phase and heat to 80-82 °C.
5. Add Phase E to the main phase and allow to be mixed.
6. Weigh Phase F and heat to 80-82 °C.
7. Weigh Phase G and pulverize color before blending in to Phase F and keep mixing to avoid settling. Add Oil Phase F to the main beaker while homogenizing it.
8. Add Phase H to the main phase. Continue to homogenize for 20 minutes. Switch to slow sweep mixing until 45 °C.
9. Add Phase I to the main phase and allow to mix until cool and uniform.

Stability:

- Stable for 5 freeze-thaw cycles
- Stable for 3 months at RT and 45 °C

Characteristics:

Appearance:	Smooth, attractive cream
Color:	Light Beige
Odor:	Fragrance-free
pH:	7.0-8.5 at 20 °C

