



## Natural Fusion CC Cream SPF 40, Broad Spectrum CCF - 013 v2

Finally, a natural, stable CC cream that performs as well as standard non-natural versions! The Natural Fusion is a lightweight, water-in-oil CC cream made from clean ingredient sources. Uniform, medium-to-high coverage with excellent sensory and SPF 40 broad spectrum protection.

**Applecare PDS 300** evenly distributes highly- loaded mineral UV filters to provide a smooth sensory with UV-blocking effects. It greatly reduces the tacky after- feel.

**G-GEL Eco-HMS** is an organoclay gel designed for clean beauty applications. It greatly boosts suspension and sensory of mineral pigments, making it a crucial ingredient in stabilizing mineral sunscreens.

**Phytocare** is a magic hydration powerhouse active which forms a moisture- restoring flexible film to hydrate and repair the skin, thus rebuilding skin elasticity.

**G-Block** products are COSMOS, NPA approved, high active mineral UV filter dispersions which give predictable SPF and broad-spectrum benefits. Their excellent spreadability simplifies formulation development and the manufacturing process

### Specifications

- 🍏 Yield Stress: 5,929,000 cP
- 🍏 Viscosity @ 10 rpm: 132,000 cP
- 🍏 50°C oven: 1 month stable
- 🍏 Freeze-Thaw: Passed 3 cycles

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
<b>A</b>	Distilled Water	41.03
	Sodium Chloride, NaCl	1.00
	Glycerine	3.00
	Preservative	0.20
<b>B</b>	Snow Mushroom Extract (PhytoCare-HA CG 1M )	0.12
	Propanediol	3.00
<b>C</b>	Titanium Dioxide	9.00
	Yellow Iron Oxide	1.82
	Red Iron Oxide	0.32
	Black Iron Oxide	0.18
	Applecare PDS 300	2.50
	G-Block DZ 480 CCT	10.0
	G-Block DTB 300 CCT	10.0
	G-Gel ECO-HMS	2.50
	Ethyl Macadamiate (Floramac 10)	3.00
	Octadecane (Parafol 18-97)	3.00
<b>D</b>	Polyglyceryl-4 Diisostearate/ Polyhydroxystearate/Sebacate (IsoIan GPS)	3.00
<b>E</b>	Dodecane (Parafol 12-97)	6.33

### Processing Method

1. Mix Phase A ingredients with a propeller at 500 rpm. Create a slurry with Phase B ingredients and add to A while mixing. Continue mixing for 10 minutes.
2. Blend Phase C pigments in a blender until uniform. Homogenize Phase C at 4000 rpm for 5-10 minutes, until G-Gel is well dispersed.
3. Mix Phase C with a dispersion blade and add Phase D while mixing at 700-900 rpm for 5 minutes.
4. Slowly add AB into CD while mixing, increasing speed to 1000 rpm as needed. Continue mixing for an additional 5 minutes.
5. Add Phase E once main phase has cooled below 35 Celsius.

Create Possibilities

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