

BB Cream No. 663

		Wt.%
A	VANATURAL® CA Bentonite Clay	1.50
	Water	59.62
	Propanediol (Zemea® Propanediol ¹)	5.00
	Disodium EDTA	0.20
	Panthenol and Propylene Glycol (D-Panthenol 50-P ²)	0.40
B	Yellow Iron Oxide (SunCROMA® Yellow Iron Oxide (C33-210) ³)	0.40
	Red Iron Oxide (SunCROMA® Red Iron Oxide (C33-128) ³)	0.10
	Black Iron Oxide (SunCROMA® Black Iron Oxide (C33-5000) ³)	0.03
	Titanium Dioxide (SunCROMA® Titanium Dioxide (C47051) ³)	3.50
C	Crambe Abyssinica Seed Oil (Fancor® Abyssinian Oil ⁴)	2.50
	Dimethicone (XIAMETER® PMX-200 Silicone Fluid 350cs ⁵)	1.00
	Polyglyceryl-3 distearate (Cremophor® GS 32 ²)	3.10
	Cetareth-25 (Eumulgin® B25 (NA) ²)	1.50
	Cetearyl Alcohol	3.00
	Glyceryl Stearate (and) PEG-100 Stearate (SP Arlacel® 165-MBAL-PA-(MH) ⁶)	2.00
	Ethyl Hexyl Methoxycinnamate (Neo Heliopan® AV ⁷)	7.50
Mica (Sericite GMS-4C ⁸)	3.00	
D	Mica (and) Titanium Dioxide (and) Ethylene/Methacrylate Copolymer (and) Isopropyl Titanium Triisostearate (SPC/KTZ Interval Gold-12 ⁸)	0.15
E	Preservative	q.s.
	Lactobacillus/Salix Alba Bark Ferment Filtrate (Prorevive BB Complex ⁹)	5.50
	Triethanolamine, 99%	q.s.

Procedure: While heating the water to 70-75°C, slowly add the **VANATURAL® CA** while agitating at maximum available shear. Mix until fully hydrated. Add the remaining Part A water phase ingredients. Combine the Part B ingredients, then add to Part A and mix until smooth. Maintain the water phase at 70-75°C. Combine the Part C, oil phase ingredients and heat to 70-75°C. Add the oil phase to the water phase with good agitation; mix until uniform. Switch to low shear mixing, then add the SPC/KTZ Interval Gold-12 (Part D). Cool while mixing to 30-35°C, then add the preservative followed by the Prorevive BB Complex to the emulsion, mixing after each addition until uniform. Adjust as necessary to pH 6.0 ± 0.5 with triethanolamine.

RAW MATERIAL SUPPLIERS
¹DuPont Tate & Lyle Bio Products Company, LLC, Wilmington, DE

²BASF Corporation, Florham Park, NJ

³Sun Chemical Corp., Parsippany, NJ

⁴Elementis Specialties, Hightstown, NJ

⁵Dow Corning Corporation, Midland, MI

⁶Croda, Inc., Edison, NJ

⁷Symrise, Teterboro, NJ

⁸Kobo Products, Inc., South Plainfield, NJ

⁹Active Concepts, LLC, Lincolnton, NC

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Neo Heliopan is a registered trademark of Haarmann & Reimer GmbH.

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