

CC Cream No. 618

		Wt.%
A	VEEGUM® Ultra or VEEGUM EZ Magnesium Aluminum Silicate	1.50
	Water	61.27
	Propanediol (Zemea® Propanediol ¹)	5.00
	Disodium EDTA	0.20
B	Panthenol and Propylene Glycol (D-Panthenol 50-P ²)	0.40
	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)	3.00
	Ceteareth-25 (Eumulgin® B25 (NA) ²)	1.50
	Cetearyl alcohol	3.00
	Tocopherol Acetate (Vitamin E Acetate Care DL-alpha-Tocopherol acetate ²)	0.50
	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	Glycyrrhizza Glabra (Licorice) Root Extract (Licorice Extract CG 4% ⁹)	0.50
	Ethanol, USP	3.00
E	Retinyl Palmitate (Vitamin A Palmitate 1.7 Mio I.E./g ²)	0.10
F	Preservative	q.s.
	Triethanolamine, 99%	q.s.

Procedure: While heating the water to 70-75°C, slowly add the **VEEGUM® Ultra** or **VEEGUM EZ** 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. Cool while mixing to 40-45°C. Dissolve the licorice extract in the ethanol under agitation and then add Part D to the emulsion. Warm the retinyl palmitate to liquefy and make uniform prior to weighing out. Add the retinyl palmitate and mix until uniform. Continue to cool while mixing to 30-35°C, then add the preservative. Mix 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

⁹Sabinsa Corporation, Piscataway, NJ

TRADEMARKS

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Neo Heliopan is a registered trademark of Symrise AG.

Suncroma is a registered trademark of Sun Chemical Corporation.

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