

Sun Protection Cream No. 566

	Wt. %
A	VEEGUM® Ultra Magnesium Aluminum Silicate 1.0
	Water 57.8
	Glycerin, 96% 2.7
	Zinc Oxide (Zinc Oxide Neutral ¹) 10.0
B	Glyceryl Stearate (and) PEG-100 Stearate (Arlacel® 165 ²) 4.0
	Ceteareth-20 (Eumulgin® B-2 ³) 1.0
	Cetearyl Alcohol 3.0
	Caprylic/Capric Triglyceride (Neobee® M-5 ⁴) 4.0
	Dicaprylyl Ether (Cetiol® OE ³) 3.0
	Dimethicone (Xiameter® PMX-200 Silicone Fluid 350cs ⁵) 1.0
	Octyl Salicylate (Neo Heliopan® OS ¹) 5.0
Octyl Methoxycinnamate (Neo Helipan® AV ¹) 7.5	
C	Preservative, Fragrance q.s.

Procedure: Begin heating the water to 75-80°C. Slowly add the **VEEGUM® Ultra** to the water agitated at maximum available shear. Mix until fully hydrated. Add the remaining water phase ingredients; mix until the zinc oxide is uniformly dispersed. Maintain the water phase at 75-80°C. Heat Part B to 75-80°C. Add Part B to Part A; homogenize for 5 minutes at 75-80°C. Cool while mixing slowly to 40°C. Add Part C and mix until homogeneous.

RAW MATERIAL SUPPLIERS
¹Symrise, Teterboro, NJ

²Croda, Inc., Edison, NJ

³BASF Care Creations, Florham Park, NJ

⁴Stepan Company, Northfield, IL

⁵Dow Corning Corporation, Midland, MI

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