

Anti-Aging Skin Cream No. 578

	Wt.%
A	VEEGUM® Ultra Magnesium Aluminum Silicate 1.50
	VANZAN® NF Xanthan Gum 0.30
	Water 75.92
	Butylene Glycol 6.00
	Sucrose Stearate (Surfhope® SE Cosme C-1811 ¹) 3.00
B	Steareth-2 (Brij® S2 ²) 1.50
	Steareth-21 (Brij® S721 ²) 1.50
	Cetearyl Alcohol 3.00
	Caprylic/Capric Triglyceride (Neobee® M-5 Cosmetic ³) 2.50
	PPG-11 Stearyl Ether (Acconon® E ⁴) 2.50
	C12-15 Alkyl Benzoate (Finsolv® TN ⁵) 1.00
	Cyclmethicone (Xiameter® PMX-0345 Cyclosiloxane Blend ⁶) 1.00
	Cholesterol (Cholesterol NF ²) 0.10
	Linoleic Acid (Emersol® 315 ⁷) 0.10
Ceramide 2 (TIC-001 Ceramide 2 ⁸) 0.025	
Ceramide 3 (Ceramide III ⁹) 0.025	
Ceramide 6 II (Ceramide VI ⁹) 0.025	
C Preservative q.s.	

Procedure: While heating the water to 85-90°C, slowly add the **VEEGUM® Ultra** and **VANZAN® NF** sequentially or as a dry blend to the water agitated at maximum available shear. Mix until fully hydrated. Add the butylene glycol and sucrose stearate, mixing until uniform. Maintain the water phase at 85-90°C. Blend the Part B oil phase ingredients and heat to 85-90°C. Add the oil phase to the water phase with good agitation; mix until uniform. Cool with mixing; add Part C when the emulsion is <30°C.

RAW MATERIAL SUPPLIERS
¹Lonza, Inc., Allendale, NJ

²Croda, Inc., Edison, NJ

³Stepan Company, Northfield, IL

⁴Abitec Corporation, Columbus, OH

⁵Innospec Active Chemicals, Edison, NJ

⁶Dow Corning Corporation, Midland, MI

⁷Emery Oleochemicals, LLC, Cincinnati, OH

⁸Takasago International Corp., Rockleigh, NJ

⁹Evonik Goldschmidt Chemical Corporation, Hopewell, VA

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