

Anti-Aging Skin Cream No. 578

	Wt.%	
A	VEEGUM® Ultra or VEEGUM EZ 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 (Jeecol® PSA-11 ⁴)	2.50
	C12-15 Alkyl Benzoate (Finsolv® TN ⁵)	1.00
	Cyclomethicone (Xiameter® PMX-0345 Cyclosiloxane Blend ⁶)	1.00
	Cholesterol (Cholesterol NF ²)	0.10
	Linoleic Acid (Emersol® 315 ⁷)	0.10
C	Ceramide 2 (TIC-001 Ceramide 2 ⁸)	0.025
	Ceramide 3 (Ceramide III ⁹)	0.025
	Ceramide 6 II (Ceramide VI ⁹)	0.025
	Preservative	q.s.

Procedure: While heating the water to 85-90°C, slowly add the **VEEGUM® Ultra** or **VEEGUM EZ** 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

⁴Jeen International, Fairfield, NJ

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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