

Intensive AHA Moisturizing Lotion No. 476

	Wt. %
A	VEEGUM® Ultra or VEEGUM EZ Magnesium Aluminum Silicate 1.50
	VANZAN® NF Xanthan Gum 0.50
	Water 70.14
B	Glycerin 3.00
	Butylene Glycol 2.00
C	Cetyl Alcohol 1.00
	Glyceryl Monostearate SE 3.00
	Caprylic/Capric Triglyceride (Neobee® M-5 ¹) 5.00
	C12-15 Octanoate (Finester™ EH-25 ²) 1.00
	Dimethicone (XIAMETER® PMX-200 Silicone Fluid 350cs ³) 1.00
	Steareth-2 (Brij® S2 ⁴) 0.83
Steareth-21 (Brij® S721 ⁴) 0.83	
D	Glycolic Acid, 70% 7.00
	Triethanolamine 3.20
	Citric Acid (to pH 3.8 ± 0.2) q.s.
E	Preservative, Fragrance q.s.

Procedure: While heating the water to 75°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 remaining water phase ingredients from Part B, mixing until uniform. Maintain the water phase at 75°C. Blend the Part C oil phase ingredients and heat to 75°C. Add the oil phase to the water phase with good agitation; mix until uniform. Cool while mixing. Add the Part D and Part E ingredients when the emulsion is <40°C. Adjust as necessary to pH 3.8 ± 0.2.

RAW MATERIAL SUPPLIERS
¹Stepan Company, Northfield, IL

²Innospec Active Chemicals, Edison, NJ

³Dow Corning Corporation, Midland, MI

⁴Croda, Inc., Edison, NJ

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