

Super Moisturizing Lotion No. 437

		Wt.%
A	VEEGUM® R Magnesium Aluminum Silicate	1.0
	VANZAN® NF Xanthan Gum	0.5
	Water	74.5
B	Sodium PCA (Ajidew® N-50 ¹)	3.0
	Glycerin	5.0
C	Hydrogenated Polyisobutylene (Parleam® ²)	4.0
	Mineral Oil (and) Lanolin Alcohol (Vilvanolin™ L-101® ³)	3.0
	Cetyl Alcohol	2.0
	Isopropyl Myristate	2.0
	Sorbitan Palmitate	1.2
	Polysorbate 40 (Tween® 40 ⁴)	3.8
D	Citric Acid to pH 5.5	q.s.
	Preservative, Fragrance	q.s.

Procedure: While heating the water to 50-55°C, slowly add the **VEEGUM® R** and **VANZAN® NF** sequentially or as a dry blend to the water agitated at maximum available shear. Mix until fully hydrated. Add Part B and mix until dissolved. Maintain the water phase at 50-55°C. Blend the Part C oil phase ingredients and heat to 50-55°C. Add the oil phase to the water phase with good agitation; mix until uniform. Avoid incorporating air. Cool with mixing. Add the Part D ingredients when the emulsion is <30°C.

RAW MATERIAL SUPPLIERS
¹Ajinimoto USA, Inc., Fort Lee, NJ

²Rosow Cosmetiques – USA, Matawan, NJ

³Lubrizol Advanced Materials, Inc., Cleveland, OH

⁴Croda, Inc., Edison, NJ

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