

Remineralizing/Desensitizing Liquid Dentifrice No. 637

	Wt.%
A	VEEGUM[®] D Magnesium Aluminum Silicate 1.00
	Water 36.70
	Sorbitol, 70% (Sorbitol Solution, USP/FCC, 70% ¹) 25.00
B	Glycerin, USP 10.00
	VANZAN[®] NF Xanthan Gum 0.40
C	Calcium Hydroxyapatite (and) Calcium Carbonate (Omyadent [®] 100 – OG ²) 5.00
	Hydrated Silica (Sorbosil [™] AC35 ³) 20.00
	Sodium Saccharin USP FCC PDR K (Unisweet [™] SOSAC ⁴) 0.20
	Sodium Benzoate (Sodium Benzoate PDR NF FCC K ⁴) 0.20
	Sodium Lauryl Sulfate, 29% (Sulfochem [®] SLS Surfactant ⁵) 1.50

Procedure: Slowly add the **VEEGUM[®] D** to the water while mixing at maximum available shear until fully hydrated. Add the sorbitol solution and mix in completely. Slurry the **VANZAN[®] NF** and glycerin and add Part B to the batch, mixing thoroughly until dissolved and batch is smooth. Slowly sift in the Omyadent 100 – OG and then the Sorbosil AC35 mixing well after each until thoroughly dispersed. Add the sodium saccharin and then the sodium benzoate and mix well after each. While using appropriate mixing in order to avoid air entrapment, slowly add the sodium lauryl sulfate solution and mix in completely.

RAW MATERIAL SUPPLIERS
¹Archer Daniels Midland, Decatur, IL

²OMYA, Cincinnati, OH

³PQ Corporation, Malvern, PA

⁴Universal Preserv-A-Chem, Somerset, NJ

⁵Lubrizol Advanced Materials, Inc., Cleveland, OH

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