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Baking Soda Toothpaste with Fluoride No. 635

Α	VEEGUM [®] D Magnesium Aluminum Silicate Water	1.00 17.66
В	Tetrasodium Pyrophosphate, Food Grade	1.00
С	Glycerin, USP VANZAN [®] NF Xanthan Gum	10.00 0.40
D	Sodium Fluoride (Sodium Fluoride USP Powder ¹) Water	0.24 2.80
E	Baking Soda (Sodium Bicarbonate USP Grade #1 Powder ²) Sodium Saccharin USP FCC PDR K (Unisweet [™] SOSAC ¹) Sodium Benzoate (Sodium Benzoate PDR NF FCC K ¹) Sodium Lauryl Sulfate, 29% (Sulfochem [®] SLS Surfactant ³)	65.00 0.20 0.20 1.50

Procedure: Slowly add the **VEEGUM**[®] **D** to the water while mixing at maximum available shear until fully hydrated. Add the TSPP and mix until dissolved. Slurry the **VANZAN**[®] **NF** and glycerin and add Part C to the batch, mixing thoroughly until dissolved and batch is smooth. Dissolve the sodium fluoride in water and add Part D to the batch and mix in thoroughly. Slowly sift in the baking soda and mix until completely dispersed. Add the sodium saccharin and then 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

¹Universal Preserv-A-Chem, Somerset, NJ ²Natural Soda, Rifle, CO ³Lubrizol Advanced Materials, Inc., Cleveland, OH

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