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VANDERBILT

Technical Data

Extra Mild Facial Cleanser No. 553

R.T. Vanderbilt Company, Inc.
30 Winfield Street, P.O. Box 5150, Norwalk, CT 06856-5150
Telephone: (203) 853-1400
Fax: (203) 853-1452, Web Site: www.rtvanderbilt.com

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VANZAN® NF, xanthan gum, is used to create this soft gel facial cleanser. The Decyl Glucoside surfactant provides excellent foaming characteristics and product mildness. The C12-15 Alkyl Benzoate emollient leaves a pleasant residual skin feel.

	Ingredients	% by weight
A	Water	76.20
	VANZAN NF (Xanthan Gum)	1.00
B	C12-15 Alkyl Benzoate (Finsolv® TN) ¹	5.00
	PEG-12 Dimethicone (Dow Corning® 193) ²	1.20
C	Cocamidopropyl Betaine (Amphosol® CA) ³	10.00
	Decyl Glucoside (Plantaren® 2000N) ⁴	6.60
D	Preservative	q.s.

¹ Finetex, Elmwood Park, NJ

² Dow Corning Corporation, Midland, MI

³ Stepan Chemical Co., Northfield, IL

⁴ Cognis Corporation, Ambler, PA

Procedure:

Step 1. Sift the **VANZAN NF** into an established vortex and mix until completely dissolved.

Step 2. Pre-mix Part B ingredients, then add to Part A and mix thoroughly.

Step 3. Add Part C ingredients separately and mix thoroughly after each addition. Avoid air entrapment.

Step 4. Add preservative and mix thoroughly.

Formula Characteristics: Initial pH: 6.4

This formula passed three (3) months of laboratory stability testing at room temperature, 5°C, 38°C and 45°C, and 3 cycle freeze/thaw.

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