

**Liquid Cleanser No. 580**

		<b>Wt. %</b>
<b>A</b>	<b>VAN GEL</b> <sup>®</sup> B Magnesium Aluminum Silicate	1.1
	<b>VANZAN</b> <sup>®</sup> Xanthan Gum	0.4
	Water	43.5
<b>B</b>	Sodium Linear Alkyl Benzene Sulfonate, 60% (CALSOFT <sup>®</sup> L-60 <sup>1</sup> )	5.0
	Octoxynol-9 (TRITON <sup>®</sup> X-100 <sup>2</sup> )	5.0
<b>C</b>	Aluminum Silicate (KAOPOLITE <sup>®</sup> SF <sup>3</sup> )	10.0
<b>D</b>	Orange Oil (Tech Grade d-limonene <sup>4</sup> )	5.0
<b>E</b>	Preservative	q.s.

**Procedure:**

**Step 1** – Blend the **VAN GEL**<sup>®</sup> and **VANZAN**<sup>®</sup> and sift into an established vortex in the water. Mix at maximum available shear until fully hydrated.

**Step 2** – Reduce the mixing speed to a minimum and add the Part B ingredients in order, mixing after each addition until uniform. Avoid air entrapment.

**Step 3** – Add the Part C, D and E ingredients in order, mixing after each addition until uniform.

**RAW MATERIAL SUPPLIERS**

<sup>1</sup>Pilot Chemical Company, Cincinnati, OH

<sup>2</sup>Dow Chemical, Midland, MI

<sup>3</sup>Imerys, Inc., Roswell, GA

<sup>4</sup>Florida Chemical, Inc., Winter Haven, FL

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