

**Liquid Cleanser No. 531**

		<b>Wt. %</b>
<b>A</b>	<b>VAN GEL<sup>®</sup> ES</b> Magnesium Aluminum Silicate	3.5
	Water	69.7
<b>B</b>	Calcium Carbonate (#8 White <sup>1</sup> )	20.0
<b>C</b>	Sodium methyl-2-sulfo C <sub>12</sub> -C <sub>18</sub> ester (and) Disodium 2-sulfo C <sub>12</sub> -C <sub>18</sub> fatty acid (ALPHA-STEP <sup>®</sup> MC-48 <sup>2</sup> )	2.5
	Fatty Alkanolamide (NINOL <sup>®</sup> 11-CM <sup>2</sup> )	2.0
	Sodium Hydroxide, 50% solution	0.3
	Sodium Chloride	2.0
<b>D</b>	Preservative	q.s.

**Procedure:**

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

**Step 2** – Add the calcium carbonate and mix until uniform.

**Step 3** – Reduce the mixing speed to a minimum; add the Part C and D ingredients in order, mixing after each addition until uniform. Avoid air entrapment.

**RAW MATERIAL SUPPLIERS**

<sup>1</sup>Imerys, Inc., Roswell, GA

<sup>2</sup>Stepan Company, Northfield, IL

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