

**Rich & Nourishing Green Silt Mask No. 643**

		<b>Wt.%</b>
<b>A</b>	<b>VANATURAL</b> <sup>®</sup> or <b>VANATURAL MC</b> Bentonite Clay	3.50
	<b>VANZAN</b> <sup>®</sup> NF Xanthan Gum	0.65
	Water	50.85
	Hydrolyzed Oat Protein (and) Glycerin (and) Phenoxyethanol (and) Water (Tech-O <sup>®</sup> #6-055 LC <sup>1</sup> ) Propanediol (Zemea <sup>®</sup> propandiol <sup>2</sup> )	5.00
<b>B</b>	Zea Mays (Corn) Starch (Purity 21C Pure <sup>TM3</sup> )	20.00
	Silt (Liposilt <sup>®</sup> Green PF <sup>4</sup> )	10.00
<b>C</b>	Preservative	q.s.
<b>D</b>	Aqua (and) Sodium Lauroyl Sarcosinate (Crodasinic <sup>TM</sup> LS 30 NT-LQ-(RB) <sup>5</sup> )	5.00

**Procedure:** Slowly add the **VANATURAL**<sup>®</sup> or **VANATURAL MC** and **VANZAN**<sup>®</sup> **NF** sequentially or as a dry blend to the water agitated at maximum available shear. Mix until fully hydrated. Then, add the rest of the Part A ingredients and mix in. Slowly add the corn starch and mix in thoroughly. Refer to the manufacturer's specific recommendations for incorporating the silt. If necessary, cool the batch with mixing to below ~40°C before adding the silt. Then, add in the silt and mix in completely by homogenization or high-shear mixing while maintaining the batch temperature below 50°C. With low shear mixing, cool the batch to <30°C, then add the preservative and mix in completely. If necessary, reduce the mixing speed to avoid air entrapment. Then, add Part D and mix in completely.

**RAW MATERIAL SUPPLIERS**
<sup>1</sup>Beacon CMP Corp., Kenilworth, NJ

<sup>2</sup>DuPont Tate & Lyle Bio Products Company, LLC, Wilmington, DE

<sup>3</sup>AkzoNobel Surface Chemistry, LLC, Chicago, IL

<sup>4</sup>Vantage Specialty Ingredients (formerly Lipo Chemicals), Warren, NJ

<sup>5</sup>Croda Inc., Edison, NJ

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Zemea is a registered trademark of DuPont Tate &amp; Lyle Bio Products Company, LLC.

Rev01/05/2018