

**Gentle Cleansing Sulfate-free Hand Wash No. 659**

	<b>Wt. %</b>
<b>A</b>   <b>VEEGUM® HS</b> Magnesium Aluminum Silicate	4.00
Water	65.60
Tetrasodium EDTA	0.10
Propanediol (Zemea® propanediol <sup>1</sup> )	2.00
Glycerin	2.00
<b>B</b>   Sodium Lauroyl Methyl Isethionate (Iselux® LQ-CLR <sup>2</sup> )	12.50
Cocamidopropyl Betaine (Amphosol® HCG <sup>3</sup> )	10.00
Dimethyl Lauramide/Myristamide (NINOL® CAA <sup>3</sup> )	1.80
Hydroxyethyl Urea (Hydrovance® Moisturizing Agent <sup>4</sup> )	2.00
<b>C</b>   Preservative	q.s.
<b>D</b>   Citric Acid, 20%	q.s.

**Procedure:** Slowly add the **VEEGUM® HS** to the water agitated at maximum available shear. Mix until fully hydrated. Then, add the rest of the Part A ingredients and mix in. Under slow speed/low shear mixing, slowly add Parts B & C and mix in thoroughly. If necessary, adjust pH to 6.0 ± 0.5 with citric acid.

**RAW MATERIAL SUPPLIERS**
<sup>1</sup>DuPont Tate & Lyle Bio Products Company, LLC, Wilmington, DE

<sup>2</sup>Innospec Performance Chemicals, Salisbury, NC

<sup>3</sup>Stepan Company, Northfield, IL

<sup>4</sup>AkzoNobel Surface Chemistry, LLC, Chicago, IL

**TRADEMARKS**
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Amphosol and Ninol are registered trademarks of Stepan Company.

Hydrovance is a registered trademark of Wilmington Trust Limited.

Iselux is a registered trademark of Innospec Limited.

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