

**Moisturizing Skin Cream No. 512**

	<b>Wt.%</b>	
<b>A</b>	<b>VEEGUM® Ultra</b> or <b>VEEGUM EZ</b> Magnesium Aluminum Silicate	2.0
	Carbomer (Carbopol® Ultrez 10 <sup>1</sup> )	0.2
	Water	72.5
<b>B</b>	Glycerin	5.0
	Butylene Glycol	3.0
	Polysorbate 20 (Tween® 20 <sup>2</sup> )	1.0
<b>C</b>	Cetyl Alcohol	0.5
	Glyceryl Monostearate SE	3.0
	Caprylic/Capric Triglyceride (Neobee® M-5 <sup>3</sup> )	5.0
	C12-15 Octanoate (Finester™ EH-25 <sup>4</sup> )	3.0
	Dimethicone (XIAMETER® PMX-200 Silicone Fluid 350cs <sup>5</sup> )	1.0
	Steareth-2 (Brij® S2 <sup>2</sup> )	1.1
	Steareth-21 (Brij® S721 <sup>2</sup> )	1.1
	Laureth-23 (Brij® L23 <sup>2</sup> )	0.5
Isosorbide Laurate	1.0	
<b>D</b>	Etidronic Acid	0.1
	Triethanolamine (to pH 6.0 ± 0.5)	q.s.
<b>E</b>	Preservative, Fragrance	q.s.

**Procedure:** Begin heating the water to 75-80°C. Slowly add the **VEEGUM® Ultra** or **VEEGUM EZ** and carbomer sequentially or as a dry blend to the water agitated at maximum available shear. Mix until fully hydrated. Add the remaining water phase ingredients from Part B, mixing until uniform. Maintain the water phase at 75-80°C. Blend the Part C oil phase ingredients and heat to 75-80°C. Add the oil phase to the water phase with good agitation; mix until uniform. Cool while mixing; add the Part D and Part E ingredients when the emulsion is <35°C. Adjust as necessary to pH 6.0 ± 0.5.

**RAW MATERIAL SUPPLIERS**
<sup>1</sup>Lubrizol Advanced Materials, Inc., Cleveland, OH

<sup>2</sup>Croda, Inc., Edison, NJ

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

<sup>4</sup>Innospec Active Chemicals, Edison, NJ

<sup>5</sup>Dow Corning Corporation, Midland, MI

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