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# VANDERBILT

## Minerals Formula

### Veterinary Cream No. A571

	<b>Wt. %</b>
<b>A</b>   <b>VANATURAL</b> <sup>®</sup> Bentonite Clay (Bentonite)	2.0
Water	73.0
Butylene Glycol	5.0
<b>B</b>   Bis-PEG/PPG-16/16 PEG/PPG-16/16 dimethicone; Caprylic/capric triglyceride (Abil <sup>®</sup> Care 85 <sup>1</sup> )	1.5
Cetyl Alcohol (and) Glyceryl Stearate (and) PEG-75 stearate (and) Ceteth-20 (and) Steareth-20 (Emulium <sup>®</sup> Delta <sup>2</sup> )	4.5
Cetyl Rinoleate (Tegosoft <sup>®</sup> CR <sup>1</sup> )	2.0
<i>Simmondsia Chinesis</i> (Jojoba) Seed Oil (Jojoba Oil Golden <sup>3</sup> )	6.0
Cyclomethicone (XIAMETER <sup>®</sup> PMX-0345 Cyclosiloxane Blend <sup>4</sup> )	6.0
<b>C</b>   Preservative, Fragrance	q.s.

**Procedure:** While heating the water to 75°C, slowly add the **VANATURAL** while mixing at maximum available shear. Mix until fully hydrated. Add the butylene glycol, mixing until uniform. Maintain the water phase at 75°C. Blend the Part B oil phase ingredients and heat to 75-80°C. Add the oil phase to the water phase with good agitation; mix until uniform. Cool with mixing; add Part C when the emulsion is <30°C.

#### RAW MATERIAL SUPPLIERS

- <sup>1</sup>Evonik Goldschmidt Chemical Company, Hopewell, VA
- <sup>2</sup>Gatefosse Corporation, Paramus, NJ
- <sup>3</sup>Desert Whale Jojoba Co., Inc., Tucson, AZ
- <sup>4</sup>Dow Corning Corporation, Midland, MI

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- Emulium is a registered trademark of Gatefosse SAS.
- Tegosoft is a registered trademark of Goldschmidt GmbH.
- Xiameter is a registered trademark of Dow Corning Corporation.

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