## Nature's Defense Cream No. 572

A	VANATURAL <sup>®</sup> or VANATURAL MC Bentonite Clay Water Pentylene Glycol (Hydrolite <sup>®</sup> -5 <sup>1</sup> )	<b>Wt.%</b> 2.0 76.5 5.0
В	Sucrose Stearate (Surfhope <sup>®</sup> SE Cosme C-1811 <sup>2</sup> ) Cetearyl Alcohol Isohexadecane (Arlamol <sup>®</sup> HD <sup>3</sup> ) Cetearyl Ethylhexanoate (Luvitol <sup>®</sup> EHO <sup>4</sup> ) Squalane, ubiquinone (Lipogard <sup>™5</sup> ) Dimethicone (Xiameter <sup>®</sup> PMX-200 Silicone Fluid 350cs <sup>6</sup> )	3.0 2.5 3.0 3.0 4.0 1.0
С	Preservative	q.s.

**Procedure:** While heating the water to 70°C, slowly add the **VANATURAL**<sup>®</sup> or **VANATURAL MC** while mixing at maximum available shear. Mix until fully hydrated. Add the pentylene glycol, mixing until uniform. Maintain the water phase at 70°C. Blend the Part B oil phase ingredients and heat to 70-75°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>Symrise, Teterboro, NJ <sup>2</sup>Lonza, Inc., Allendale, NJ <sup>3</sup>Croda, Inc., Edison, NJ <sup>4</sup>BASF Corp., Florham Park, NJ <sup>5</sup>Pentapharm, Ltd., Basel, Switzerland/Centerchem, Inc., Norwalk, CT <sup>6</sup>Dow Corning Corporation, Midland, MI

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