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VANDERBILT *Report*

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Skin Cream Base with
VEEGUM[®] Pure
Magnesium Aluminum Silicate

No. 565

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Skin Cream Base with VEEGUM® Pure

Magnesium Aluminum Silicate
No. 565

VEEGUM Pure stabilizes and enhances the silky feel of this light-textured skin cream. This emulsion is suitable as a natural base for other functional additives. VEEGUM Pure's processing makes it suitable for use in organically natural and natural formulations. VEEGUM Pure has all the performance characteristics of classic VEEGUM. However, when the formulator chooses to label topical formulations "organic" (formula consists of at least 95 percent organically produced ingredients) or "made with organic ingredients" (formula contains at least 70 percent organic ingredients), VEEGUM Pure is the correct choice.*

Ingredients	% By Weight
A VEEGUM Pure Magnesium Aluminum Silicate	2.0
Water	79.5
Glycerin, USP grade	2.0
Glyceryl Stearate (Protachem GMS-450 ¹)	2.0
Cetearyl Alcohol (Protachem CS-50 ¹)	2.0
Sodium Steroyl Lactylate (PATONIC® SSL ²)	1.0
B Shea butter ³	2.0
Rice Bran Oil ³	4.0
Olive Squalene (PRIPURE® 3759 ⁴)	2.0
Caprylic/Capric Triglyceride (NEOBEE® M-5 ⁵)	2.0
Tocopherol (COVI-OX® T50 ⁶)	0.5
C Vitamin E Acetate, USP ⁷	1.0
D Preservative	q.s.

¹Protameen Chemicals, Totowa, NJ

²Rita Corporation, Crystal Lake, IL; PATONIC is a registered trademark of the American Ingredients Company

³TRI-K Industries, Inc., Northvale, NJ

⁴Uniqema, New Castle, DE; PRIPURE is a registered trademark of Unichema Chemie BV

⁵Stepan Company, Northfield, IL; NEOBEE is a registered trademark of the Stepan Company

⁶Cognis Corporation, Cincinnati, OH; COVI-OX is a registered trademark of Cognis Corporation

⁷BASF Corporation, Florham Park, NJ

Step 1: Slowly add the VEEGUM Pure to the water while mixing at maximum available shear. Raise the temperature to 80°C, mixing the VEEGUM Pure until fully hydrated**

Step 2: Add the glycerin and maintain the Part A temperature at 80°C.

Step 3: Combine Part B ingredients and heat to 80°C with stirring.

Step 4: Add Part B to Part A with adequate mixing, then add Part C.

Step 5: Cool to 35°C while mixing and add Part D.

Step 6: Continue to cool with mixing and pour off at 30°C.

This formula passed three (3) months of laboratory stability testing at room temperature, 5°C, 38°C, 45°C and 3-cycle freeze/thaw.

*Note: VEEGUM Pure is not "certified organic".

**Refer to the VEEGUM/VAN GEL® Brochure for hydration guidelines.

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