PILOT CHEMICAL COMPANY
www.pilotchemical.com
2744 East Kemper Road • Cincinnati, OH 45241

FORMULARY SHEET

**Description:** Creamy body wash formula fortified with vitamins.

# Body Wash, Vitamin Rich

| | Ingredient | Description | % w/w |
|---|---|---|---|
| 1. | D.I. Water | | Q.S. to 100% |
| 2. | *Polyquaternium 10* | | 0.50 |
| 3. | CalBlend® PC | *Surfactants Blend* | 70.00 |
| 4. | Stearic Acid | | 2.00 |
| 5. | Cetyl Alcohol | | 0.50 |
| 6. | EGMS | | 1.00 |
| 7. | Vitamin A Palmitate | *Retinyl Palmitate* | 0.10 |
| 8. | Vitamin E Acetate | *Tocopherol Acetate* | 0.10 |
| 9. | Panthenol | | 1.00 |
| 10. | Preservative, Perfume, Dye | | Q.S. |

## Procedure:

1. Add water and CalBlend® PC to the mixing tank and heat to $75^0$ C. Start mixing and Sprinkle Polyquaternium 10. Maintain mixer speed so it will not create excessive foaming. Mix well until the polymer is completely hydrated and the batch gets smooth and homogenous. Add ingredients # 4,5 & 6 in the order listed with constant mixing. Maintain the temperature at $75^0$ C. Mix well until all the solids have melted and mixed into the batch and the batch is homogenous then cool the batch down to $40^0$ C with continued mixing.
2. Add ingredients # 7,8,9 & 10. Mix well after all ingredients have been added, until a smooth, and homogenous batch is obtained that is free of lumps or particles.

**For additional formulary and product information, please visit www.pilotchemical.com or contact us at 1-800-70-PILOT**

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