



## Night Moisturizer with Vertasil® TM-VE1

Vertasil® TM-VE1, a unique hybrid fluid, is created by adding a small siloxane segment to vitamin E. In skin care, it provides a rich feel with softening and moisturizing properties.

INCI Name	Ingredient	Supplier	Wt%
<b>PHASE A</b>			
Water	Deionized Water		q.s.
Carbomer	Carbopol®Ultrez 10	Lubrizol	0.20
<b>PHASE B</b>			
Butylene Glycol			4.00
Polysorbate -60	Tween™ 60	Croda	1.00
Disodium EDTA			0.05
Water	Deionized Water		3.00
Tromethamine	Tris Amino®	Dow	1.00
<b>PHASE C</b>			
Octyldodecyl Stearate	Ceraphyl® ODS	Ashland	9.00
<b>Tocopheryloxypropyl Trisiloxane</b>	<b>Vertasil® TM-VE1</b>	<b>Gelest</b>	<b>5.00</b>
Stearic Acid	Emersol® 132	Emery	2.00
Glyceryl Stearate	Cerasynt® SD	Ashland	1.00
Sorbitan Stearate	Span™ 60	Croda	1.00
<b>PHASE D</b>			
Water	Deionized Water		q.s.
Preservative			q.s.
Fragrance			q.s.
<b>TOTAL</b>			<b>100</b>

### PROCEDURE

- Combine Phase A and disperse until thickened while heating to 75°C.
- Combine Phase B and add to Phase A.
- Combine Phase C and heat to 80°C under a slow stir.
- At 75°C, add Phase C to Phase AB and slowly homogenize until emulsified.
- Continue to mix while cooling.
- At 35°C, add Phase D and cool to RT while mixing.

Rev 2 (07232013)

Formula GCA 2-98-1