

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%
Phase A			
Water (Aqua)	Deionized Water		q.s.
Carbomer	Carbopol® Ultrez 10	Lubrizol	0.20
Phase 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
Phase C			
Octyldodecyl Stearate	Cerphyl® ODS	ISP	9.00
Tocopheryloxypropyl Trisiloxane	Vertasil® TM-VE1	Gelest/Paradigm Science	5.00
Stearic Acid	Emersol® 132	Emery	2.00
Glyceryl Stearate	Cerasynt® SD	ISP	1.00
Sorbitan Stearate	Span™ 60	Croda	1.00
Phase D			
Water (Aqua)	Deionized Water		q.s.
Preservative			q.s.
Fragrance			q.s.
Total			100

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.

Formula courtesy of



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