



## Cleanser with Vertasil® VAN-07

Vertasil® VAN-07 is derived from the essential oil of tarragon and is tipped with a short emollient silicone tail. In a cleanser, it can replenish stripped oils leaving the skin feeling smooth and hydrated.

INCI Name	Ingredient	Supplier	Wt%
<b>PHASE A</b>			
Water	Deionized Water		q.s.
Carbomer	Carbopol® Ultrez 10	Lubrizol	0.20
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 B</b>			
Octyldodecyl Stearate	Ceraphyl® ODS	Ashland	9.00
<b>Bis(Methoxyphenylpropyl)/ Butyl Dimethicone</b>	<b>Vertasil® VAN-07</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 C</b>			
Fragrance		Schülke	q.s.
Preservative			q.s.
Water	Deionized Water		q.s.
<b>TOTAL</b>			<b>100</b>

### PROCEDURE:

- Combine water and carbomer and heat to 75°C under homogenization.
- Add the next three ingredients in order. Combine remaining ingredients and mix until clear. Add to batch and continue mixing.
- Under propeller blade, heat Phase B to 80-85°C.
- At 75°C, add Phase B to Phase A and slowly homogenize until emulsified and uniform.
- Cool under mixing.
- At 30°C, add Phase C and mix until dispersed.

Rev 2 (07232013)

Formula GCA2-99-1