



Vertasil® TM-VE1

Technical Data Sheet

Product Name: Vertasil® TOCOPHERYLOXYPROPYLTRISILOXANE
Product Code: TM-VE1
INCI Name: Tocopheryloxypropyl Trisiloxane
CAS #: 920741-92-0
EINECS # -

TM-VE1 is a unique compound resulting from the insertion of tocopherol onto a silicone backbone. TM-VE1 conditions skin, aiding moisture retention and leaving a long lasting, smooth residual feel. Due to solubility in a wide range of compounds, from castor oil to Dimethicone/100cs, TM-VE1 can easily be incorporated into anhydrous lip products and emulsions.

TYPICAL PROPERTIES:

Test

Appearance:
Odor:
Refractive Index:
Viscosity:

Parameter

Amber colored liquid
Slight, characteristic
1.472 @ 25°C
700 cSt @ 25°C

Note: The values above are typical, not intended for use in preparing specifications. Please contact the Gelest PCS sales representative when writing specifications.

Solubility

Dimethicone/10cSt	S
Dimethicone/100cSt	S
Cyclopentasiloxane	S
Ethylhexyl Palmitate	S
Hydrogenated Polydecene	S
Myristyl Methicone	S
Triisostearyl Citrate	S
Octyldodecyl Stearate	S
Castor Oil	S

Storage:

Vertasil® TM-VE1 should be stored between 5-30°C in the original container closed tightly.

Oil in Water Emulsion w/ TM-VE1 GCA1-20-1

Ingredient	%
Water Phase	
Deionized Water	71.15
Carbomer	0.20
Butylene Glycol	4.00
Methylparaben	0.30
Polysorbate-60	1.00
Disodium EDTA	0.05
Tromethamine	1.00
Deionized Water	3.00
Oil Phase	
Stearic Acid	2.00
Glyceryl Stearate	1.00
Sorbitan Stearate	1.00
Octyldodecyl Stearate	9.00
Tocopheryloxypropyltrisiloxane (TM-VE1)	5.00
Propylparaben	0.10
Diazolidinyl Urea	0.20
Deionized Water	1.00