

Vertasil® TM-L01

Technical Data Sheet

Product Name:	Vertasil® LIMONENYL TRISILOXANE
Product Code:	TM-L01
INCI Name:	Methylcyclohexenyl Isopropyl Trisiloxane
CAS #:	1263044-00-3/1263043-99-7
EINECS #	-

TM-L01 is a unique hybrid natural/silicone compound resulting from the insertion of limonene onto a silicone back-bone. This light, dry feeling emollient adds slip without a greasy feel. Due to solubility in a wide range of cosmetic oils, TM-L01 can easily be incorporated into anhydrous products, emulsions, and can be used as a conditioning cleanser.

TYPICAL PROPERTIES:

Test

Appearance:
Odor:
Refractive Index:
Viscosity:

Parameter

Clear liquid
Very slight, characteristic
1.426 @ 25°C
4-5 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
Stearyl Methicone	S
Triisostearyl Citrate	S
Octyldodecyl Stearate	S
Octyldodecanol	S
Castor Oil	I

Storage:

Vertasil® TM-L01 should be stored between 5-30°C in the original container closed tightly.

Lotion with TM-L01, GCA3-3-1	
Ingredient	%
Water Phase	
Deionized Water	70.55
Carbomer	0.20
Butylene Glycol	4.00
Polysorbate-60	1.00
Disodium EDTA	0.05
Tromethamine	1.00
Deionized Water	3.00
Oil Phase	
Stearic Acid	3.00
Glyceryl Stearate	1.00
Sorbitan Stearate	1.00
Octyldodecyl Stearate	9.00
TM-L01 Limoneyl Trisiloxane	5.00
Phenoxyethanol	0.70
Caprylyl Glycol	0.50