

Technical Data Sheet

Product Name: TM 181
Product Code: TM 181
INCI Name: Stearyl Methicone
CAS #: 167160-55-6 / 68607-75-0
EINECS # -
Date Issued 01/15/08
Revision Number: 1; jch

Description:

TM 181 is a light lubricious emollient that leaves a smooth weightless feel on the skin. TM 181 can be used to reduce tack and lend a lighter feel to skin treatment and color cosmetic products. Solubility profile is broad, from silicones through most cosmetic emollient oils.

Typical Properties

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

<u>Test</u>	<u>Parameter</u>
Appearance	Clear to straw colored liquid
Odor	Slight, characteristic
Refractive Index	1.433 @ 25°C
Viscosity	13 cPs @ 25°C

Solubility

Light Emollient Water in Silicone Cream

Dimethicone/10cSt	S	<u>GCA1-51-1</u>	
Cyclopentasiloxane	S	<u>Ingredient</u>	<u>%</u>
Ethylhexyl Palmitate	S	Deionized Water	66.45
Hydrogenated Polydecene	S	Magnesium Sulfate	0.20
Myristyl Methicone	S	Butylene Glycol	6.00
Triisostearyl Citrate	S	Methylparaben	0.20
Octyldodecyl Stearate	S	Benzoic Acid	0.10
Castor Oil	D	TM 181 Stearyl Methicone	8.00
		Cyclopentasiloxane	9.50
		PEG-9 Polydimethylsiloxyethyl Dimethicone	2.00
		Polyglyceryl-4 Isostearate,	
		Cyclopentasiloxane, C ₃₀₋₄₅ Alkyl Cetearyl Dimethicone	7.00
		Laureth-7	0.50
		Propylparaben	<u>0.05</u>
			100.00