

Technical Data Sheet

Product Name: Diethicone
Product Code: DE 15
INCI Name: Polydiethylsiloxane
CAS #: 63148-61-8
EINECS # N/A; polymer
Date Issued 01/15/08
Revision Number: 1; jch

Description:

DE15 is a light emollient with a soft, cushion-like skin feel, imparting excellent slip and spreading properties in skin care and color cosmetics. In water in silicone foundations and pressed powders, DE 15 serves as an excellent vehicle for wetting the pigments. DE 15 exhibits far greater compatibility with common cosmetic ingredients than do the Dimethicone fluids.

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 pale amber liquid
Odor	Slight, characteristic
Refractive Index	1.438 @ 25°C
Viscosity	40-60 cPs @ 25°C

Solubility

Dimethicone/10cSt	S
Cyclopentasiloxane	S
Ethylhexyl Palmitate	S
Hydrogenated Polydecene	S
Octyldodecanol	S
Candelilla	S
Triisostearyl Citrate	S
Octyldodecyl Stearate	S
Castor Oil	I
10% Ozokerite	S
10% Microcrystalline Wax	S

**Moisturizing Lipstick
GCA1-11-1**

<u>Ingredient</u>	<u>%</u>
Castor Oil	12.70
Octyldodecanol	10.00
Triisostearyl Citrate	20.00
DE 15 Polydiethylsiloxane	10.00
AM 114 Myristyl Methicone	10.00
Carnauba	1.50
Candelilla	7.00
Microcrystalline Wax 170/180	3.50
Ozokerite 170/180	2.00
Preservatives, antioxidants	0.30
<u>Color Grind</u>	
Castor Oil	7.50
Pigment	7.50
Mica, Titanium Dioxide	<u>8.00</u>
	100.00

