



## Dimethicone Fluid 20cSt (DMF-20cSt)

Low Viscosity Silicone (CAS # 63148-62-9) INCI Name: Dimethicone



DMF-20cSt provides low surface tension, excellent lubrication and is compatible with a wide array of cosmetic solvents.

Clearco Dimethicone Fluid 20cSt (DMF-20cSt) is a low viscosity 100% Dimethicone also known as Polydimethylsiloxane (CAS # 63148-62-9). It is clear, colorless, odorless and essentially inert.

DMF-20cSt is used in a variety of personal care products, providing a soft velvety feel when applied to hair and skin. Dimethicone Fluid 20cSt provides a hydrophobic, protective, but breathable barrier to the skin (allows skin to perspire), imparting softness and emmoliency. It provides lubricity without greasiness and prevents stickiness in skin care products.

Clearco Dimethicone-20cSt offers high spreadability due to its low surface tension, which enables the fluid to spread rapidly providing ease of application. DMF-20cSt is compatible with a wide range of cosmetic solvents and is particularly advantageous when blended with cyclomethicones.

### Specifications

<b>Chemical Name</b>	Polydimethylsiloxane
<b>INCI/CTFA Name</b>	Dimethicone
<b>CAS #</b>	63148-62-9
<b>Appearance</b>	Clear Liquid – Odorless & Tasteless
<b>Viscosity Class</b>	Low
<b>Non-Flammable</b>	Yes
<b>Thermally Stable</b>	Yes
<b>Availability</b>	1 – 5 – 55 gallon drums
<b>Minimum Order</b>	1 Gallon

### Features and Benefits

- Low Viscosity
- Excellent Lubrication
- Low Surface Tension – High Spreadability
- Provides a soft, emollient feel to skin
- Prevents stickiness in skin care products
- Compatible with a wide range of solvents
- Hydrophobic – water repellent
- Protects skin against transdermal water loss
- Inert- improves stability and shelf-life of formulations

### TYPICAL PRODUCT DATA

cSt.	Specific Gravity	Refractive Index	Pour Point	Flash Point	Surface Tension Dynes/cm @ 25C	Thermal Expansion cc/cc/C 0-150C	Thermal Conductivity BTU	Maximum Volatility % Wt	Specific Heat BTU/lb. F
<b>5</b>	0.916	1.397	-65°C	135°C	19.7	0.00112	0.067	90	0.36
<b>20</b>	0.953	1.401	-85°C	232° C	20.8	0.00106	0.082	10	0.36

**For More Information or To Request a Sample Contact:**

**Clearco Products Co., Inc.**

3430 G. Progress Drive

Bensalem, PA 19020

Tel: 215 639-2640

Fax: 215 639-2919

Email: [info@clearcoproducts.com](mailto:info@clearcoproducts.com)

Web: [www.clearcoproducts.com](http://www.clearcoproducts.com)