



## Product Information

# CLEARCO 3cSt. PURE SILICONE FLUID

**Low-Viscosity Silicone (CAS#9016-00-6)**



Pure Silicone Fluid 3cSt has a viscosity similar to water.

Clearco Pure Silicone Fluid 3cSt is a low-viscosity Polydimethylsiloxane (CAS#9016-00-6). The product is clear, colorless and essentially odorless. Pure Silicone 1.5cSt is inert to most materials including rubber, plastics and metals, and shows excellent performance at low temperatures. It features good solubility in anhydrous alcohols and in a wide variety of solvents. Other uses & features include – bath fluid – damping fluid – mold release agent – thread lubricant – excellent spreadability

### FEATURES

<ul style="list-style-type: none"> <li>• Low viscosity</li> <li>• Excellent Lubrication</li> <li>• Excellent Low Temperature Serviceability - 70°C Pour Point</li> </ul>	<ul style="list-style-type: none"> <li>• Clear, Colorless, Odorless</li> <li>• High Compressibility</li> <li>• High Oxidation Resistance</li> <li>• Flash Point: 100°C</li> </ul>
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### SPECIFICATIONS

<b>Chemical name</b>	Polydimethylsiloxane
<b>Synonym</b>	Dimethylsiloxane
<b>Appearance</b>	Clear Liquid – Odorless & Tasteless
<b>Odorless</b>	Yes
<b>Flammability</b>	HMIS 1
<b>Pour Point</b>	-70°C
<b>Availability</b>	1 – 5 – 55 Gallon Containers
<b>Weight</b>	7.45 lbs per gallon
<b>Minimum Order</b>	1 Gallon



Blended viscosities from 1cSt to 100,000cSt available.



Hi Temp Bath Fluid for baths exceeding 500°F also available.

### CAS Information

Identity	CAS #	%
Polydimethylsiloxanes	9016-00-6	>80
Dodecamethylpentasiloxane	141-63-9	<20
Decamethyltetrasiloxane	141-62-8	<5
Octamethylcyclotetrasiloxane	556-67-2	<2

### Typical Product Data

cSt	Specific Gravity	Viscosity-Temp Coefficient	Flash Point	Pour Point	Refractive Index	Coefficient of Thermal Expansion x 10 <sup>-4</sup>	Coefficient of Thermal Conductivity x 10 <sup>-4</sup>	Surface Tension	Dielectric Constant	Dielectric Strength
3	0.898	.51	100°C	-70°C	1.3935	11.4	2.7	19.2	2.50	350

### Typical Product Data (cont'd)

Boiling Point	Vapor Density (air = 1)	% Volatile	Molecular weight	Vapor Pressure @ 25°C
>105°C	NA	NA	550	Not determined

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

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