



Product Information

CLEARCO 1.5cSt. PURE SILICONE FLUID (Decamethyltetrasiloxane)

Super Low-Viscosity Volatile Silicone: Decamethyltetrasiloxane (CAS 141-62-8)



Pure Silicone Fluid 1.5cSt has a viscosity similar to water.

Clearco Pure Silicone Fluid 1.5cSt is a super low-viscosity Polydimethylsiloxane that is primarily Decamethyltetrasiloxane (CAS#141-62-8). 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 – cosmetic products.

FEATURES

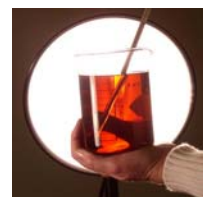
<ul style="list-style-type: none"> • Super low viscosity • Excellent Lubrication • Excellent Low Temperature Serviceability - 86°C Pour Point 	<ul style="list-style-type: none"> • Volatile Silicone • Clear, Colorless, Odorless • High Compressibility • High Oxidation Resistance
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SPECIFICATIONS

Chemical name	Polydimethylsiloxane
Synonym	Octamethyltrisiloxane
Appearance	Clear Liquid – Odorless & Tasteless
Odorless	Yes
Flammability	HMIS 3
Pour Point	-75°C
Availability	1 – 5 – 55 Gallon Containers
Weight	7.08 lbs per gallon
Minimum Order	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 #	%
Hexamethyldisiloxane	107-46-0	<2
Octamethyltrisiloxane	107-51-7	3-75
Decamethyltetrasiloxane	141-62-8	3-95
Dodecamethylpentasiloxane	141-63-9	3-95
Tetradecamethylhexasiloxane	107-52-8	3-75
Higher Linear Siloxanes	63142-62-9	<5

Typical Product Data

cSt	Specific Gravity	Viscosity-Temp Coefficient	Flash Point	Pour Point	Refractive Index	Coefficient of Thermal Expansion x 10 ⁻⁴	Coefficient of Thermal Conductivity x 10 ⁻⁴	Surface Tension	Dielectric Constant	Dielectric Strength
1.5	0.853	.46	63°C	-75°C	1.3880	13.4	2.5	18.0	2.39	350

Typical Product Data (cont'd)

Boiling Point	Vapor Density (air = 1)	% Volatile	Molecular weight	Vapor Pressure @ 25°C
>150°C	>1	100%	237-550	4mm

For More Information or To Request a Sample Contact:

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