

CLEARCO 1cSt. PURE SILICONE FLUID (Octamethyltrisiloxane)



Product Information

Super Low-Viscosity Silicone (CAS#107-51-7) Octamethyltrisiloxane



Pure Silicone Fluid 1cSt has a viscosity of water.

Clearco Pure Silicone Fluid 1cSt is a 100% super-low viscosity Polydimethylsiloxane (CAS#107-51-7). The product is clear, colorless and essentially odorless. Pure Silicone 1cSt 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

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

Chemical Family	Silicone
Chemical name	Polydimethylsiloxane
Synonym	Octamethyltrisiloxane, MDM
Appearance	Clear Liquid – Odorless & Tasteless
Odorless	Yes
CAS Information	Octamethyltrisiloxane >85% CAS # 107-51-7
Flammability	HMIS 3
Thermally Stable	Yes
Availability	1 – 5 – 55 Gallon Containers
Weight	6.8 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.

Typical Product Data

cSt	Specific Gravity	Viscosity – Temp Coefficient	Flash Point	Pour Point	Refractive Index	Coeff. Of thermal expansion x10 ⁻⁴	Coefficient of thermal conductivity x 10 ⁻⁴	Surface tension	Dielectric Constant	Dielectric Strength
1	0.82	.37	39°C / 102°F	-85°C	1.3825	13.4	2.4	17.4	2.30	350

Typical Product Data (cont'd)

Boiling Point	Vapor Density (air = 1)	% Volatile	Molecular weight	Vapor Pressure @ 25°C
152-153°C	>1	100%	236.53	4mm

For More Information or To Request a Sample, Contact:

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