

## CHRISTO-LUBE® MCG 1066

CHRISTO-LUBE® MCG 1066 is insoluble in most solvents, non-reactive with strong acids and alkalis, compatible with plastics, elastomers and most metals, and has a wide operating temperature range. Because of its unique properties, CHRISTO-LUBE® MCG 1066 can be used in many areas of high technology including damping, hydraulic, and heat transfer fluids, lubricating oil. It can also be used in environments of extreme corrosiveness, oxidation and radiation where conventional oils would fail to function.

CHARACTERISTICS		TYPICAL VALUE *
<b>Type</b>		PFPE
<b>Temperature Service Range (°C)</b>		-54 to 149
<b>Specific Gravity</b> (Mohr Westphal)	20°C	1.88 g/ml
<b>Surface Tension</b> (ASTM D-1331)	20°C	19 dynes/cm
<b>Vapor Pressure</b> (Knudsen)	149°C	1.3 mm Hg
<b>Flash and Fire Point</b> (ASTM D-92)		None
<b>Refractive Index</b> (ASTM D-1218)	20°C	1.295
<b>Autoignition Temperature</b> (ASTM D-2155)		Non-flammable
<b>Specific Heat</b>	38°C	0.24 cal/g•°C
<b>LOX Impact Sensitivity</b> (ASTM D-2512)	20 Drops @43.3"	No Reactions
<b>Evaporation</b> (ASTM D2595)	22h at 121°C	9.0%
<b>Copper Corrosion</b> (FED-STD-791, Method 5309)		1a

\*The values stated in this Product Data Sheet are Typical Values and **must not** be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.