



TECHNOLOGY MAKES LIFE BETTER

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
Bengbu, China 233000

Tel: 86-552-3827158

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TDS of IOTA 201-1CST Pure Silicone Fluid Octamethyltrisiloxane

Description and Application

IOTA 201-1CST Pure Silicone Fluid is a 100% linear Polydimethylsiloxane composed mainly of Octamethyltrisiloxane (CAS#107-51-7) with a viscosity of 1cSt @ 25°C. The fluid is clear, colorless and essentially odorless.

IOTA 201-1CST Pure Silicone Fluid is characterized by its low viscosity, high rate of evaporation, low pour point (-100°C), low VTC (viscosity change at temperature), low surface tension (high spreadability), and excellent lubrication. In closed systems, it is an excellent low temperature bath fluid and low temperature heat transfer fluid.

IOTA 201-1CST Pure Silicone Fluid (Trisiloxane) is also used in a number of personal care products due to its excellent spreading and unique evaporation characteristics. It features good solubility in anhydrous alcohols and in a wide variety of solvents. In addition, it leaves no residue or build-up, has a transient effect, and a non-greasy feel.

Technical index

Chemical name: Octamethyltrisiloxane

CAS No. : 107-51-7

INCI Name: Trisiloxane

Appearance: Clear, colorless & odorless fluid

Viscosity, 25°C: 1cst

Specific Gravity: 0.818

Flash Point: 37C

Refractive Index : 1.3825

Advantages

Super low viscosity, viscosity of water

Excellent Lubrication

Low Surface Tension

High Spreadability

High Compressibility

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100% evaporation, excellent carrying agent

Clear, Colorless, Odorless

Excellent Low Temp Performance

Low Pour Point: -100°C

VOC Exempt

Package

200L drum, 170kg net weight.

IOTA CORPORATION LTD.

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