

Vertasil[®] TM-CBD1

Technical Data Sheet

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|---------------------------|--|
| Product Name: | Vertasil [®] Trisiloxanyl-Cannabidiol |
| Product Code: | TM-CBD1 |
| INCI Name: | Trisiloxanyl-Cannabidiol |
| CAS #: | 2414491-99-7 |
| EINECS: | TBD |
| <u>Description</u> | |

Vertasil[®] TM-CBD1 is a multifunctional trisiloxanyl-cannabidiol hybrid silicone fluid specifically designed to extend solubility and improve compatibility of CBD with silicone oils and PDMS gels. Vertasil[®] TM-CBD1 is the only ingredient that makes delivery of CBD from PDMS gels possible.

TYPICAL PROPERTIES:

| <u>Test</u> | <u>Parameter</u> |
|--------------------------|-----------------------------------|
| Appearance: | Colorless to slight yellow liquid |
| Odor: | Slight, Characteristic |
| Refractive Index: | 1.4528 @ 25°C |
| Density: | 0.96-1.001 g/ml |
| Molecular Weight: | 534.96 g/mol |
| Viscosity: | 68.9cSt |
| Flash Point: | 140°C |

Note: The values above are typical, not intended for use in preparing specifications. Please contact the Gelest PCS sales representative when writing specifications.

Solubility

| <u>Ingredient</u> | <u>Cannabidiol</u> | <u>Vertasil[®] TM-CBD1</u> |
|--|---------------------------|--|
| Natural Oils and Hydrocarbons | S | S |
| Glycols | S | PS |
| Water | I | I |
| Silicones | I | S |
| Silicone Hybrid Fluids and Derivatives | I | S |

Storage:

Vertasil[®] TM-CBD1 should be stored in a dry place between 4-25°C in the tightly closed container.
