

### ChangFu® BF1712



1,3-Bis(heptadecafluorodecyl)-1,1,3,3-tetramethyldisiloxane

|                                |   |
|--------------------------------|---|
| <b>Description</b>             | ChangFu® BF1712 is a dual-end fluoroalkyl siloxane compound with unique physical and chemical properties. Due to its excellent hydrophobic and oil-resistant performance, it has been mainly utilized in the preparation of superhydrophobic and oleophobic coatings. |
| <b>Features &amp; Benefits</b> | Dual-end siloxane with low surface energy.<br>Polyfluoroalkyl compound with hydrophobic and oleophobic properties.<br>Essential intermediate in organic synthesis.  |
| <b>Applications</b>            | Used as an important intermediate in the synthesis of fluoro silicone polymers including silicone oil, silicone resin and silicone emulsion.<br>Used as an auxiliary in the preparation of superhydrophobic and oleophobic coatings.                                  |

### Typical Properties

|             |  |
|-------------|--|
| Description | 1,3-Bis(heptadecafluorodecyl)-1,1,3,3-tetramethyldisiloxane                    |
| Product No. | ChangFu® BF1712  |
| CAS No.     | 129498-18-6  |
| Formula     | C <sub>24</sub> H <sub>20</sub> F <sub>34</sub> O <sub>2</sub> Si <sub>2</sub> |
| Purity      | min 95%  |
| Color       | Colorless or light yellow  |
| Appearance  | Clear liquid   |

|                       |   |
|-----------------------|---|
| <b>Package</b>        | Offered in 25L PE pails and 200L PVF steel drums.<br>Custom packaging is available. |
| <b>Storage</b>        | Stored in a cool, well-ventilated place.<br>Keep container tightly closed.          |
| <b>Transportation</b> | See the corresponding Safety Data Sheet.  |