

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |  |
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| <b>Catalogue Number</b>  | 46462  |
| <b>Product</b>           | <b>2,2,2-Trifluoroethyl</b><br>Perfluorobutanesulfonic acid 2,2,2-trifluoroethyl ester<br>Nonafluorobutanesulfonic acid 2,2,2-trifluoroethyl ester |
| <b>CAS Number</b>        | 79963-95-4   |
| <b>Molecular Formula</b> | C <sub>6</sub> H <sub>2</sub> F <sub>12</sub> O <sub>3</sub> S   |
| <b>Molecular Weight</b>  | 382.12   |

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|--------------------------|---|
| <b>Synonym 3</b>         | 2,2,2-Trifluoroethyl perfluorobutanesulfonate |
| <b>Appearance</b>        | Colorless to light yellow clear liquid        |
| <b>Boiling point</b>     | 141 °C  |
| <b>Flash Point</b>       | 71 °C   |
| <b>Density</b>           | 1.73  |
| <b>Refractive Index</b>  | $n_D^{20}$ 1.31                               |
| <b><sup>1</sup>H NMR</b> | Conforms to structure                         |
| <b>Purity by GC</b>      | ≥ 96%   |
| <b>Storage</b>           | Store at 2 - 8 °C                             |

**For Laboratory Use Only**