

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 39820                                                                                       |
| <b>Product</b>           | <b>1-Methyl-3-(4-sulfobutyl)imidazolium</b>                                                 |
| <b>CAS Number</b>        | 909390-59-6                                                                                 |
| <b>Molecular Formula</b> | C <sub>10</sub> H <sub>15</sub> F <sub>6</sub> N <sub>3</sub> O <sub>7</sub> S <sub>3</sub> |
| <b>Molecular Weight</b>  | 499.41                                                                                      |

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|---------------------------|--------------------------------------------|
| <b>Warnings</b>           | <i>Hygroscopic! Store under inert gas!</i> |
| <b>Appearance</b>         | Clear colorless liquid                     |
| <b>Density</b>            | 1.58 g/mL                                  |
| <b>Refractive Index</b>   | n <sup>20</sup> <sub>D</sub> 1.45          |
| <b>Assay by titration</b> | ≥ 95%                                      |
| <b>Storage</b>            | Store at 2 - 8 °C                          |

**For Laboratory Use Only**