

# Technical Data Sheet

## 1-Propyl-3-methylpyridinium bis(trifluoromethylsulfonyl)imide

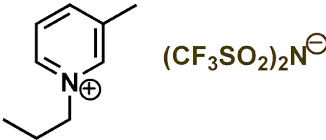
Revision Date: 6/26/2018

Date Issued: 2/7/2022

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | 1-Propyl-3-methylpyridinium<br>bis(trifluoromethylsulfonyl)imide                                  |
| <b>Product code</b>        | IL-0215   |
| <b>CAS</b>                 | 817575-06-7   |
| <b>Supplier</b>            | IoLiTec<br>Ionic Liquids Technologies GmbH<br>Im Zukunftspark 9<br>D – 74076 Heilbronn<br>Germany |
| <b>Telephone</b>           | +49 (0)7131-89839-0   |
| <b>Fax</b>                 | +49 (0)7131-89839-109   |
| <b>Emergency telephone</b> | +49 (0)179-5322578  |
| <b>Email</b>               | info@iolitec.de   |

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

|                          |   |
|--------------------------|---|
| <b>Ingredient name</b>   | 1-Propyl-3-methylpyridinium<br>bis(trifluoromethylsulfonyl)imide                            |
| <b>CAS No.</b>           | 817575-06-7   |
| <b>Empirical Formula</b> | C <sub>11</sub> H <sub>14</sub> F <sub>6</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub> |
| <b>Structure</b>         |         |
| <b>Molecular weight</b>  | 416.36 g/mol  |
| <b>Purity</b>            | 99%   |

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### 3 PROPERTIES

|   |                        |
|---|------------------------|
| <b>Color</b>                            | Orange to brown        |
| <b>Physical state (25 °C)</b>           | liquid                 |
| <b>Melting point</b>                    | <RT                    |
| <b>Glass transition temperature</b>     | not available          |
| <b>Decomposition temperature</b>        | not available          |
| <b>Density (22 °C)</b>                  | 1.45 g/cm <sup>3</sup> |
| <b>Viscosity (25 °C)</b>                | 53.4 mPa * s           |
| <b>Heat capacity</b>                    | not available          |
| <b>Conductivity (30 °C)</b>             | 4.96 mS/cm             |
| <b>Electrochemical stability window</b> | not available          |
| <b>Anodic limit</b>                     | not available          |
| <b>Cathodic limit</b>                   | not available          |

### 4 CO-SOLVENT MISCIBILITY

|                     |               |
|---------------------|---------------|
| <b>Water</b>        | not miscible  |
| <b>Acetone</b>      | miscible      |
| <b>Acetonitrile</b> | not available |
| <b>Isopropanol</b>  | miscible      |
| <b>Toluene</b>      | miscible      |
| <b>Hexane</b>       | not miscible  |

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### 5 ORDER INFORMATION

IL-0215-HP can be obtained in the following standard quantities:

| Quantity | Price          |
|----------|----------------|
| 25 g     | Please enquire |
| 50 g     | Please enquire |
| 100 g    | Please enquire |
| 250 g    | Please enquire |
| 500 g    | Please enquire |
| 1 kg     | Please enquire |
| Bulk     | Please enquire |

Please send your order via email to [order@iolitec.de](mailto:order@iolitec.de) or fax +49 (0)7131 – 89839109.

### 6 OTHER INFORMATION

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