

### **Technical Data Sheet**

#### 1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide

Revision Date:1/19/2012Date Issued:2/7/2022

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

| Product name                                     | 1,2-Dimethyl-3-propylimidazo  |   |
|--|---|---|
| Product code<br>CAS                              | IL-0134<br>169051-76-7  |   |
| Supplier   | IoLiTec<br>Ionic Liquids Technologies Gi<br>Im Zukunftspark 9<br>D – 74076 Heilbronn<br>Germany | <b>Distributor</b><br>1816 Parkway View Drive,                              |
| Telephone<br>Fax<br>Emergency telephone<br>Email | +49 (0)7131-89839-0<br>+49 (0)7131-89839-109<br>+49 (0)179-5322578<br>info@iolitec.de           | Pittsburgh, PA 15205<br>Info@roco.global<br>724-315-9170<br>www.roco.global |

#### **2 COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient name

CAS No. Empirical Formula 1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide 169051-76-7

 $C_{10}H_{15}F_6N_3O_4S_2\\$ 

 $(CF_3SO_2)_2N^{\bigcirc}$ 

Structure Molecular weight Purity

419.36 g/mol >99%



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#### **3 PROPERTIES**

| Colorless to yellow    |
|------------------------|
| liquid                 |
| 15 °C                  |
| -82 °C                 |
| 250 °C                 |
| 1.45 g/cm <sup>3</sup> |
| 107 mPa * s            |
| 554 J/(mol * K)        |
| 1.95 mS/cm             |
| 4.6 V                  |
| 2.4 V                  |
| -2.2 V                 |
|                        |

#### 4 CO-SOLVENT MISCIBILITY

| Water        |
|--------------|
| Acetone      |
| Acetonitrile |
| Isopropanol  |
| Toluene      |
| Hexane       |

not miscible miscible miscible not miscible miscible not miscible

#### **5 ORDER INFORMATION**

IL-0134-HP can be obtained in the following standard quantities:



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#### 1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide

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| 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 <u>order@iolitec.de</u> or fax +49 (0)7131 – 89839109.

#### **6 OTHER INFORMATION**

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