

Technical Data Sheet

1-Butyl-3-ethylimidazolium tetrafluoroborate

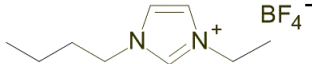
Revision Date: 6/26/2018

Date Issued: 2/8/2022

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

| | |
|----------------------------|---|
| Product name | 1-Butyl-3-ethylimidazolium tetrafluoroborate |
| Product code | IL-0287 |
| CAS | 581101-91-9 |
| Supplier | IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany |
| Telephone | +49 (0)7131-89839-0 |
| Fax | +49 (0)7131-89839-109 |
| Emergency telephone | +49 (0)179-5322578 |
| Email | info@iolitec.de |

2 COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|--------------------------|--|
| Ingredient name | 1-Butyl-3-ethylimidazolium tetrafluoroborate |
| CAS No. | 581101-91-9 |
| Empirical Formula | C ₉ H ₁₇ BF ₄ N ₂ |
| Structure |  |
| Molecular weight | 240.05 g/mol |
| Purity | 98% |

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3 PROPERTIES

| | |
|---|------------------|
| Color | Yellow to orange |
| Physical state (25 °C) | liquid |
| Melting point | <RT |
| Glass transition temperature | not available |
| Decomposition temperature | not available |
| Density | not available |
| Viscosity | not available |
| Heat capacity | not available |
| Conductivity | not available |
| Electrochemical stability window | not available |
| Anodic limit | not available |
| Cathodic limit | not available |

4 CO-SOLVENT MISCIBILITY

| | |
|---------------------|---------------|
| Water | not available |
| Acetone | not available |
| Acetonitrile | not available |
| Isopropanol | not available |
| Toluene | not available |
| Hexane | not available |

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5 ORDER INFORMATION

IL-0287-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 or fax +49 (0)7131 – 89839109.

6 OTHER INFORMATION

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