

Technical Data Sheet

1-Ethyl-1-methylpyrrolidinium tetrafluoroborate

Revision Date: 12/22/2011

Date Issued: 7/17/2024

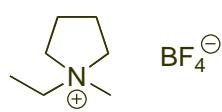
1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name	1-Ethyl-1-methylpyrrolidinium tetrafluoroborate
Product code	IL-0165
CAS	117947-85-0
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany
Telephone	+49 (0)7131-89839-0
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	1-Ethyl-1-methylpyrrolidinium tetrafluoroborate
CAS No.	117947-85-0
Empirical Formula	C ₇ H ₁₆ BF ₄ N
Structure	 <chem>CN(C)C1CCCC1[B]F4</chem>
Molecular weight	201.01 g/mol
Purity	>98%

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3 PROPERTIES

Color	Yellow to orange
Physical state (25 °C)	Solid
Melting point	292 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (23 °C)	not available
Viscosity (20 °C)	not available
Heat capacity (20 °C)	not available
Conductivity (20 °C)	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

Water	miscible (decomposes in contact with water)
Acetone	miscible
Acetonitrile	not available
Isopropanol	not miscible
Toluene	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0165-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

DISCLAIMER

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DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.