

Technical Data Sheet

Diethylmethyl-(2-methoxyethyl)ammonium tetrafluoroborate

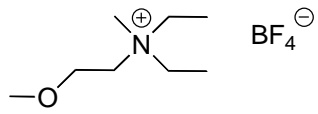
Revision Date: 2/13/2012

Date Issued: 2/7/2022

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

Product name	Diethylmethyl-(2-methoxyethyl)ammonium tetrafluoroborate
Product code	IL-0123
CAS	464927-72-8
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	Diethylmethyl-(2-methoxyethyl)ammonium tetrafluoroborate
CAS No.	464927-72-8
Empirical Formula	C ₈ H ₂₀ BF ₄ NO
Structure	
Molecular weight	233.06 g/mol
Purity	>99%

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3 PROPERTIES

Color	Colorless to brown
Physical state (25 °C)	Liquid
Melting point	9 °C
Glass transition temperature	-95 °C
Decomposition temperature	not available
Density (20 °C)	1.18 g/cm ³
Viscosity (20 °C)	1200 mPa * s
Heat capacity (20 °C)	not available
Conductivity (20 °C)	1.24 mS/cm
Electrochemical stability window	6.0 V
Anodic limit	3.0 V
Cathodic limit	-3.0 V

4 CO-SOLVENT MISCIBILITY

Water	miscible under decomposition
Acetone	miscible
Acetonitrile	miscible
Isopropanol	not miscible
Toluene	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0123-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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