

Technical Data Sheet

1-Methyl-1-octylpyrrolidinium bis(trifluoromethylsulfonyl)imide

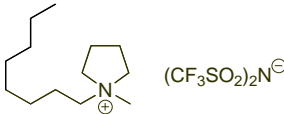
Revision Date: 2/22/2023

Date Issued: 5/2/2023

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

Product name	1-Methyl-1-octylpyrrolidinium bis(trifluoromethylsulfonyl)imide
Product code	IL-0121
CAS	927021-43-0
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)151-41255671
Email	info@iolitec.de

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	1-Methyl-1-octylpyrrolidinium bis(trifluoromethylsulfonyl)imide
CAS No.	927021-43-0
Empirical Formula	C ₁₅ H ₂₈ F ₆ N ₂ O ₄ S ₂
Structure	
Molecular weight	478.52 g/mol
Purity	>99%

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3 PROPERTIES

Color	Yellowish to orange
Physical state (25 °C)	Liquid
Melting point	not available
Glass transition temperature	-81 °C
Decomposition temperature	not available
Density (25 °C)	1.29 g/cm ³
Viscosity (25 °C)	168.1 mPa * s
Heat capacity (20 °C)	not available
Conductivity (20 °C)	0.637 mS/cm
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

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

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5 ORDER INFORMATION

IL-0121-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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