

Technical Data Sheet

1-Hexyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide

Revision Date: 8/29/2016

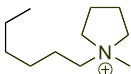
Date Issued: 2/7/2022

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

Product name	1-Hexyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide
Product code	IL-0092
CAS	380497-19-8
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	1-Hexyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide
CAS No.	380497-19-8
Empirical Formula	C ₁₃ H ₂₄ F ₆ N ₂ O ₄ S ₂
Structure	 $(\text{CF}_3\text{SO}_2)_2\text{N}^-$
Molecular weight	450.46 g/mol
Purity	>99%

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3 PROPERTIES

Color	colorless to yellow
Physical state (25 °C)	Liquid
Melting point	-3°C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	1.34 g/cm ³
Viscosity (25 °C)	108 cP
Heat capacity (20 °C)	not available
Conductivity (20 °C)	1.040 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	partly miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0092-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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