

Technical Data Sheet

1-Hexyl-3-methylimidazolium hexafluorophosphate

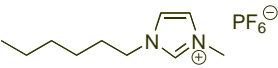
Revision Date: 1/19/2012

Date Issued: 9/26/2014

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

Product name	1-Hexyl-3-methylimidazolium hexafluorophosphate
Product code	IL-0018
CAS	304680-35-1
Supplier	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 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-3-methylimidazolium hexafluorophosphate
CAS No.	304680-35-1
Empirical Formula	$C_{10}H_{19}F_6N_2P$
Structure	
Molecular weight	312.24 g/mol
Purity	>99%

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3 PROPERTIES

Color	Yellow to orange
Physical state (25 °C)	liquid
Melting point	-61 °C
Glass transition temperature	-78 °C
Decomposition temperature	not available
Density (23 °C)	1.30 g/cm ³
Viscosity (25 °C)	465 mPa * s
Heat capacity (25 °C)	not available
Conductivity (30 °C)	0.80 mS/cm
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

Water	not miscible, decomposition in presence of water
Acetone	miscible
Acetonitrile	not available
Isopropanol	not miscible
Toluene	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0018-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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