

Technical Data Sheet

1-Hexadecyl-3-methylimidazolium hexafluorophosphate

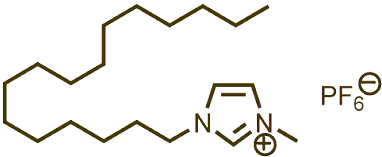
Revision Date: 6/26/2018

Date Issued: 7/17/2024

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

Product name	1-Hexadecyl-3-methylimidazolium hexafluorophosphate
Product code	IL-0158
CAS	219947-95-2
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-Hexadecyl-3-methylimidazolium hexafluorophosphate
CAS No.	219947-95-2
Empirical Formula	C ₂₀ H ₃₉ F ₆ N ₂ P
Structure	
Molecular weight	452.50 g/mol
Purity	>98%

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3 PROPERTIES

Color	Colorless to yellowish
Physical state (25 °C)	solid
Melting point	125 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density	not available
Viscosity	not available
Heat capacity	not available
Conductivity	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

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

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5 ORDER INFORMATION

IL-0158-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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