

Technical Data Sheet

1-Hexadecyl-3-methylimidazolium tetrafluoroborate

Revision Date: 6/26/2018

Date Issued: 2/7/2022

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

Product name 1-Hexadecyl-3-methylimidazolium tetrafluoroborate

Product code IL-0097

CAS 244193-64-4

Supplier IoLiTec
Ionic Liquids Technologies GmbH
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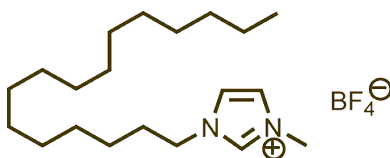


2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name 1-Hexadecyl-3-methylimidazolium tetrafluoroborate

CAS No. 244193-64-4

Empirical Formula C₂₀H₃₉BF₄N₂

Structure 

Molecular weight 394.34 g/mol

Purity >98%

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3 PROPERTIES

Color	Colorless to yellow
Physical state (25 °C)	solid
Melting point	55 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density	0,8471 g/cm ³
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	miscible
Isopropanol	not miscible
Toluene	partially miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0097-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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