

Technical Data Sheet

1-Methyl-3-octadecylimidazolium hexafluorophosphate

Revision Date: 6/26/2018

Date Issued: 7/17/2024

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

Product name 1-Methyl-3-octadecylimidazolium hexafluorophosphate

Product code IL-0159

CAS 219947-96-3

Supplier IoLiTec
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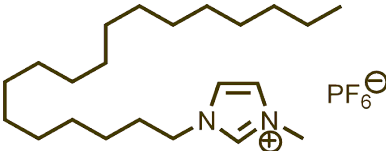
www.roco.global

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name 1-Methyl-3-octadecylimidazolium hexafluorophosphate

CAS No. 219947-96-3

Empirical Formula C₂₂H₄₃F₆N₂P

Structure 

Molecular weight 480.55 g/mol

Purity >98%

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3 PROPERTIES

Color	Colorless to yellow
Physical state (25 °C)	solid
Melting point	88 °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	partially miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0159-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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