

Technical Data Sheet

1-Methyl-3-octylimidazolium perfluorobutanesulfonate

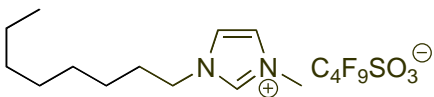
Revision Date: 12/22/2011

Date Issued: 5/19/2017

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

Product name	1-Methyl-3-octylimidazolium perfluorobutanesulfonate
Product code	IL-0312
CAS	905972-83-0
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-Methyl-3-octylimidazolium perfluorobutanesulfonate
CAS No.	905972-83-0
Empirical Formula	C ₁₆ H ₂₃ F ₉ N ₂ O ₃ S
Structure	
Molecular weight	494.42 g/mol
Purity	>99%

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3 PROPERTIES

Color	Yellow to orange
Physical state (25 °C)	Solid
Melting point	35°C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	not available
Viscosity (40 °C)	171 mPa * s
Heat capacity (20 °C)	not available
Conductivity (40 °C)	0.461 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	not available
Toluene	not available
Hexane	not available

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5 ORDER INFORMATION

IL-0312-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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DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.