

Technical Data Sheet

1-Methyl-3-octylimidazolium chloride

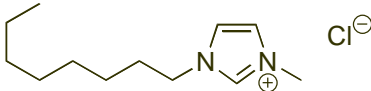
Revision Date: 03/05/2013

Date Issued: 6/27/2017

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

Product name	1-Methyl-3-octylimidazolium chloride
Product code	IL-0072
CAS	64697-40-1
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-Methyl-3-octylimidazolium chloride
CAS No.	64697-40-1
Empirical Formula	$C_{12}H_{23}ClN_2$
Structure	
Molecular weight	230.78 g/mol
Purity	>98%

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3 PROPERTIES

Color	Yellow to brown
Physical state (25 °C)	liquid
Melting point	not available
Glass transition temperature	-85 °C
Decomposition temperature	not available
Density (24 °C)	1.01 g/cm ³
Viscosity (35 °C)	3690 mPa * s
Heat capacity (25 °C)	not available
Conductivity (30 °C)	0.09 mS/cm
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

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

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5 ORDER INFORMATION

IL-0072-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

DISCLAIMER

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