

Technical Data Sheet

1-Butyl-3-methylimidazolium dicyanamide

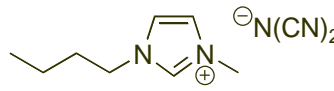
Revision Date: 1/19/2012

Date Issued: 8/27/2015

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

Product name	1-Butyl-3-methylimidazolium dicyanamide
Product code	IL-0010
CAS	448245-52-1
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-Butyl-3-methylimidazolium dicyanamide
CAS No.	448245-52-1
Empirical Formula	C ₁₀ H ₁₅ N ₅
Structure	
Molecular weight	205.26 g/mol
Purity	>98%

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3 PROPERTIES

Color	Yellow to orange
Physical state (25 °C)	liquid
Melting point	-6 °C
Glass transition temperature	-90 °C
Decomposition temperature	not available
Density (25 °C)	1.06 g/cm ³
Viscosity (25 °C)	28 mPa * s
Heat capacity (25 °C)	364 J/(mol * K)
Conductivity (20 °C)	9.53 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	miscible
Toluene	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0010-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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