

Technical Data Sheet

1-Butyl-1-methylpyrrolidinium dicyanamide

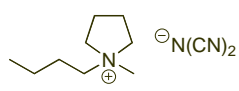
Revision Date: 12/22/2011

Date Issued: 2/7/2022

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

Product name	1-Butyl-1-methylpyrrolidinium dicyanamide
Product code	IL-0041
CAS	370865-80-8
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 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-1-methylpyrrolidinium dicyanamide
CAS No.	370865-80-8
Empirical Formula	C ₁₁ H ₂₀ N ₄
Structure	
Molecular weight	208.3 g/mol
Purity	>98%

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3 PROPERTIES

Color	Yellow to brown
Physical state (25 °C)	Liquid
Melting point	-55 °C
Glass transition temperature	-106 °C
Decomposition temperature	not available
Density (20 °C)	1.02 g/cm ³
Viscosity (20 °C)	46 mPa * s
Heat capacity (20 °C)	not available
Conductivity (24 °C)	3.25 mS/cm
Electrochemical stability window	3.5 V
Anodic limit	3.0 V
Cathodic limit	-0.5 V

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-0041-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.