

Technical Data Sheet

1-Butyl-1-methylpyrrolidinium tricyanomethanide

Revision Date: 12/22/2011

Date Issued: 2/8/2022

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

Product name	1-Butyl-1-methylpyrrolidinium tricyanomethanide
Product code	IL-0318
CAS	n/a
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

ROCO

Distributor

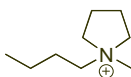
1816 Parkway View Drive,
Pittsburgh, PA 15205

✉ info@roco.global

724-315-9170

www.roco.global

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	1-Butyl-1-methylpyrrolidinium tricyanomethanide
CAS No.	n/a
Empirical Formula	C ₁₃ H ₂₀ N ₄
Structure	 C(CN)_3^-
Molecular weight	232.32 g/mol
Purity	>98%

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3 PROPERTIES

Color	Yellow to brown
Physical state (25 °C)	Liquid
Melting point	<25 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (22 °C)	1.01 g/cm ³
Viscosity (25 °C)	26.9 mPa * s
Heat capacity (20 °C)	not available
Conductivity (30 °C)	7.74 mS/cm
Electrochemical stability window	4.2 V
Anodic limit	0.7 V
Cathodic limit	-3.5 V

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-0318-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.