

Technical Data Sheet

1-Ethyl-3-methylimidazolium thiocyanate

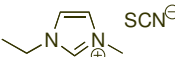
Revision Date: 1/19/2012

Date Issued: 3/20/2013

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

Product name	1-Ethyl-3-methylimidazolium thiocyanate
Product code	IL-0007
CAS	331717-63-6
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-Ethyl-3-methylimidazolium thiocyanate
CAS No.	331717-63-6
Empirical Formula	C ₇ H ₁₁ N ₃ S
Structure	
Molecular weight	169.25 g/mol
Purity	>98%

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3 PROPERTIES

Color	Yellow to brown
Physical state (25 °C)	liquid
Melting point	-6 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	1.119 g/cm ³
Viscosity (20 °C)	24.7 mPa * s
Heat capacity (25 °C)	not available
Conductivity (20 °C)	17.87 mS/cm
Electrochemical stability window	3.2 V
Anodic limit	1.2 V
Cathodic limit	-2.0 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-0007-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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