

Technical Data Sheet

1-Butyl-3-methylimidazolium thiocyanate

Revision Date: 6/26/2018

Date Issued: 2/7/2022

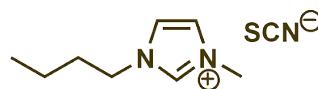
1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name	1-Butyl-3-methylimidazolium thiocyanate
Product code	IL-0063
CAS	344790-87-0
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany
Telephone	+49 (0)7131-89839-0
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	1-Butyl-3-methylimidazolium thiocyanate
CAS No.	344790-87-0
Empirical Formula	C ₉ H ₁₅ N ₃ S
Structure	 <chem>CCCN1=CC=C1[N+]([H+])SCN</chem>
Molecular weight	197.30 g/mol
Purity	>98%

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3 PROPERTIES

Color	Yellow to orange
Physical state (25 °C)	liquid
Melting point	-47°C
Glass transition temperature	not available
Decomposition temperature	not available
Density (30 °C)	1.07 g/cm ³
Viscosity (25 °C)	35.9 mPa * s
Heat capacity	not available
Conductivity (30 °C)	8.98 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-0063-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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