

Technical Data Sheet

1-Butyl-3-methylimidazolium methylsulfate

Revision Date: 2/13/2012
Date Issued: 10/17/2018

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

Product name	1-Butyl-3-methylimidazolium methylsulfate
Product code	IL-0195
CAS	401788-98-5
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 methylsulfate
CAS No.	401788-98-5
Empirical Formula	C ₉ H ₁₈ N ₂ O ₄ S
Structure	
Molecular weight	250.31 g/mol
Purity	98%

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3 PROPERTIES

Color	Colorless to orange
Physical state (25 °C)	Liquid
Melting point	-20 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (21 °C)	1.22 g/cm ³
Viscosity (25 °C)	162.8 mPa * s
Heat capacity (20 °C)	not available
Conductivity (30 °C)	2.195 mS/cm
Electrochemical stability window	4.3 V
Anodic limit	1.7 V
Cathodic limit	-2.6 V

4 CO-SOLVENT MISCIBILITY

Water	miscible under decomposition
Acetone	miscible
Acetonitrile	miscible
Isopropanol	miscible
Toluene	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IL-0195-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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