

Technical Data Sheet

1-Ethyl-3-methylpyridinium perfluorobutanesulfonate

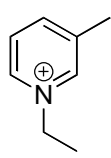
Revision Date: 12/22/2011

Date Issued: 2/8/2022

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

Product name	1-Ethyl-3-methylpyridinium perfluorobutanesulfonate
Product code	IL-0313
CAS	1015420-87-7
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-Ethyl-3-methylpyridinium perfluorobutanesulfonate
CAS No.	1015420-87-7
Empirical Formula	C ₁₂ H ₁₂ F ₉ NO ₃ S
Structure	 $C_4F_9SO_3^-$
Molecular weight	421.28 g/mol
Purity	>99%

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3 PROPERTIES

Color	Yellow to red
Physical state (25 °C)	Liquid
Melting point	<25°C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	1.52 g/cm ³
Viscosity (25 °C)	194 mPa * s
Heat capacity (20 °C)	not available
Conductivity (30 °C)	1.527 mS/cm
Electrochemical stability window	4.2 V
Anodic limit	2.7 V
Cathodic limit	-1.5 V

4 CO-SOLVENT MISCIBILITY

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

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5 ORDER INFORMATION

IL-0313-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

DISCLAIMER

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