

Technical Data Sheet

1-Ethyl-3-methylimidazolium methylphosphonate

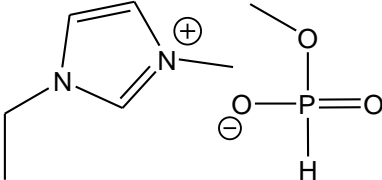
Revision Date: 1/14/2024

Date Issued: 1/15/2024

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

Product name	1-Ethyl-3-methylimidazolium methylphosphonate
Product code	IL-0352
CAS	81994-80-1
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-methylimidazolium methylphosphonate
CAS No.	81994-80-1
Empirical Formula	C ₇ H ₁₅ N ₂ O ₃ P
Structure	
Molecular weight	206.17 g/mol
Purity	>98%

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3 PROPERTIES

Color	Colorless to orange
Physical state (25 °C)	liquid
Melting point	-42°C
Glass transition temperature	not available
Decomposition temperature	not available
Density (19°C)	1.2362 g/cm ³
Viscosity (19°C)	133.1 cP
Heat capacity	not available
Conductivity (19°C)	2.358 mS/cm
Electrochemical stability window	4.8 V
Anodic limit	2.5 V
Cathodic limit	-2.3 V

4 CO-SOLVENT MISCIBILITY

Water	not available
Acetone	not available
Acetonitrile	not available
Isopropanol	not available
Toluene	not available
Hexane	not available

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5 ORDER INFORMATION

IL-0353-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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