

Technical Data Sheet

IoLiLyte 12IM

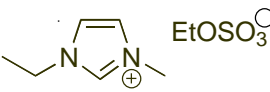
Revision Date: 2/8/2022

Date Issued: 2/8/2022

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

Product name	IoLiLyte 12IM
Product code	IN-0026
CAS	342573-75-5
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 ethylsulfate
CAS No.	342573-75-5
Empirical Formula	C ₈ H ₁₆ N ₂ O ₄ S
Structure	
Molecular weight	236.29 g/mol
Purity	>95%

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3 PROPERTIES

Color	Yellow to orange
Physical state (25 °C)	Liquid
Melting point	<25 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	1.24 g/cm ³
Viscosity (25 °C)	94 mPa * s
Heat capacity (20 °C)	not available
Conductivity (25 °C)	2.97 mS/cm
Electrochemical stability window	4.0 V
Anodic limit	1.4 V
Cathodic limit	-2.6 V

4 CO-SOLVENT MISCIBILITY

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

5 ORDER INFORMATION

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IN-0026-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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