

Technical Data Sheet

Electrolyte for Aluminum Plating Based on 1-Butyl-3-methylimidazolium tetrachloroaluminate 1:1.5

Revision Date: 10/20/2016

Date Issued: 11/21/2016

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

Product name	1-Butyl-3-methylimidazolium tetrachloroaluminate 1:1.5
Product code	EP-0002
CAS	not available
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 tetrachloroaluminate 1:1.5
CAS No.	not available
Empirical Formula	not available
Structure	not available
Molecular weight	not available
Purity	>98%

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3 PROPERTIES

Color	yellowish to brown
Physical state (25 °C)	liquid
Melting point	<10 °C
Glass transition temperature	not available
Decomposition temperature	not available
Density (25 °C)	not available
Viscosity (25 °C)	not available
Heat capacity (25 °C)	not available
Conductivity (20 °C)	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

Water	reacts violently with water forming HCl Gas
Acetone	miscible, reacts with acetone
Acetonitrile	not available
Isopropanol	not available
Toluene	not available
Hexane	not available

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5 ORDER INFORMATION

EP-0002-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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