

Technical Data Sheet

1-Dodecyl-3-methylimidazolium bis(2,4,4-trimethylpentyl)phosphinate

Revision Date: 6/26/2020

Date Issued: 7/3/2024

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

Product name	1-Dodecyl-3-methylimidazolium bis(2,4,4-trimethylpentyl)phosphinate
Product code	IL-0334
CAS	n/a
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-Dodecyl-3-methylimidazolium bis(2,4,4-trimethylpentyl)phosphinate
CAS No.	n/a
Empirical Formula	C ₃₂ H ₆₃ N ₂ O ₂ P
Structure	
Molecular weight	540.84 g/mol
Purity	98%

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3 PROPERTIES

Color	yellow to orange
Physical state (25 °C)	??
Melting point	??
Glass transition temperature	not available
Decomposition temperature	not available
Density	not available
Viscosity	not available
Heat capacity	not available
Conductivity	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

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-0334-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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