

Technical Data Sheet

Trihexyltetradecylphosphonium bis(2-ethylhexyl)phosphate

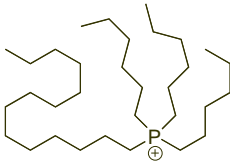
Revision Date: 12/22/2011

Date Issued: 3/18/2018

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

Product name	Trihexyltetradecylphosphonium bis(2-ethylhexyl)phosphate
Product code	IN-0036
CAS	n/a
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	Trihexyltetradecylphosphonium bis(2-ethylhexyl)phosphate
CAS No.	n/a
Empirical Formula	$C_{48}H_{102}O_4P_2$
Structure	 $(CH_3(CH_2)_3CH(CH_2CH_3)CH_2O_2)_2PO_2^-$
Molecular weight	805.27 g/mol
Purity	>98%

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3 PROPERTIES

Color	Yellow to orange
Physical state (25 °C)	Liquid
Melting point	not available
Glass transition temperature	not available
Decomposition temperature	not available
Density (23 °C)	0.909 g/cm ³
Viscosity (25 °C)	1120 mPa * s
Heat capacity (20 °C)	not available
Conductivity (30 °C)	0.002 mS/cm
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

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

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5 ORDER INFORMATION

IN-0036-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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