

Technical Data Sheet

Trihexyltetradecylphosphonium bis(2,4,4-trimethylpentyl)phosphinate

Revision Date: 5/9/2018

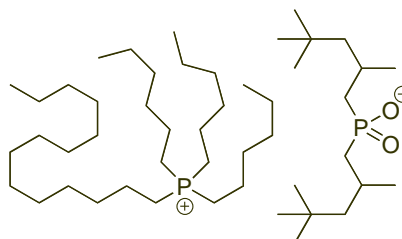
Date Issued: 2/8/2022

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

Product name	Trihexyltetradecylphosphonium bis(2,4,4-trimethylpentyl)phosphinate
Product code	IN-0009
CAS	465527-58-6
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	Trihexyltetradecylphosphonium bis(2,4,4-trimethylpentyl)phosphinate
CAS No.	465527-58-6
Empirical Formula	C ₄₈ H ₁₀₂ O ₂ P ₂



Structure

Molecular weight 773.27 g/mol

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Purity >90%

3 PROPERTIES

Color	Yellow to brown
Physical state (25 °C)	Liquid
Melting point	not available
Glass transition temperature	-72 °C
Decomposition temperature	not available
Density (25 °C)	0.89 g/cm ³
Viscosity (25 °C)	806 mPa * s
Heat capacity (20 °C)	not available
Conductivity (30 °C)	0.008 mS/cm
Electrochemical stability window	3.9 V
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

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

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5 ORDER INFORMATION

IN-0009-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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