

Technical Data Sheet

Trihexyltetradecylphosphonium tricyanomethanide

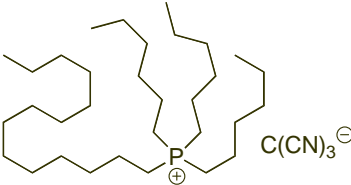
Revision Date: 6/26/2020

Date Issued: 2/8/2022

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

Product name	Trihexyltetradecylphosphonium tricyanomethanide
Product code	IN-0038
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	Trihexyltetradecylphosphonium tricyanomethanide
CAS No.	n/a
Empirical Formula	$C_{36}H_{68}N_3P$
Structure	
Molecular weight	573.92 g/mol
Purity	>98%

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3 PROPERTIES

Color	yellow to orange
Physical state (25 °C)	liquid
Melting point	<-35°C
Glass transition temperature	not available
Decomposition temperature	not available
Density	0.8619 g/mL
Viscosity	235.2 cP
Heat capacity	not available
Conductivity	118.2 μ S/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	not miscible

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5 ORDER INFORMATION

IN-0038-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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