

# 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

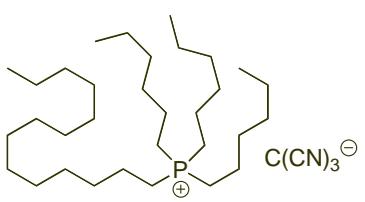
<b>Product name</b>	Trihexyltetradecylphosphonium tricyanomethanide
<b>Product code</b>	IN-0038
<b>CAS</b>	n/a
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany
<b>Telephone</b>	+49 (0)7131-89839-0
<b>Fax</b>	+49 (0)7131-89839-109
<b>Emergency telephone</b>	+49 (0)179-5322578
<b>Email</b>	info@iolitec.de



### Distributor

1816 Parkway View Drive,  
Pittsburgh, PA 15205  
 [Info@roco.global](mailto:Info@roco.global)  
**724-315-9170**  
[www.roco.global](http://www.roco.global)

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient name</b>	Trihexyltetradecylphosphonium tricyanomethanide
<b>CAS No.</b>	n/a
<b>Empirical Formula</b>	C <sub>36</sub> H <sub>68</sub> N <sub>3</sub> P
<b>Structure</b>	
<b>Molecular weight</b>	573.92 g/mol
<b>Purity</b>	>98%

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### 3 PROPERTIES

<b>Color</b>	yellow to orange
<b>Physical state (25 °C)</b>	liquid
<b>Melting point</b>	<-35°C
<b>Glass transition temperature</b>	not available
<b>Decomposition temperature</b>	not available
<b>Density</b>	0.8619 g/mL
<b>Viscosity</b>	235.2 cP
<b>Heat capacity</b>	not available
<b>Conductivity</b>	118.2 µS/cm
<b>Electrochemical stability window</b>	not available
<b>Anodic limit</b>	not available
<b>Cathodic limit</b>	not available

### 4 CO-SOLVENT MISCIBILITY

<b>Water</b>	not miscible
<b>Acetone</b>	miscible
<b>Acetonitrile</b>	miscible
<b>Isopropanol</b>	miscible
<b>Toluene</b>	miscible
<b>Hexane</b>	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](mailto:order@iolitec.de) or fax +49 (0)7131 – 89839109.

### 6 OTHER INFORMATION

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